KRACK By HUSSMANN

EVOLVE A2L

Technical Datasheet

C-Series A2L

Large, High-Capacity Commercial and Industrial Condensing Unit

P/N 3262994 **Rev** B
November 2026

Refrigerant Type

A2L
(R-454A or R-454C)



CDB-0401-MDM

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Customer-Focused Solutions

Krack has a long history of innovation—continually updating and expanding current product offerings while developing new solutions to help reduce environmental impacts and meet or exceed regulatory requirements.

Krack can help you understand benefits and trade-offs associated with each solution and make the most of incentive and rebate programs.

Check all warnings and read the entire manual before installing, servicing, or conducting maintenance on any A2L-equipped unit to avoid potential risks including explosion, death, injury, and property damage.

Scan the QR code for more information on A2L systems.

Certifications

c UL us LISTED

⚠ WARNING

Component parts shall be replaced with like components, and servicing shall be done by factory authorized service personnel only, so as to minimize the risk of possible ignition due to incorrect parts or improper service.

We reserve the right to change or revise specifications and product design in connection with any feature of our products. Such changes do not entitle the buyer to corresponding changes, improvements, additions or replacements for equipment previously sold or shipped.

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Spanish P/N 3262996
French P/N 3262995

C-Series A2L

Model Overview

WARNING:
Read the entire installation, operation, and service manual before installing, servicing, or using this equipment.

If the information in the instructions are not followed exactly, a fire or explosion may result, causing property damage, personal injury, or death. Installation and service must be performed by a qualified installer or service agency.



Mildly flammable A2L refrigerant used. Units that are configured to use A2L refrigerants require special attention. No open flames, cigarettes, or other possible sources of ignition should be used inside or in the vicinity of units containing flammable refrigerants.

If a refrigerant leak is present or even suspected, do not allow untrained personnel to attempt to find the cause. Intrinsically safe components are the only types that can be worked on while live in the presence of a flammable atmosphere.

Information about replacement parts and procedures can be found in the associated installation, operation, and service manual. All manual information must be reviewed in full prior to performing any work.

Overview

Krack C-Series A2L series condensing units are generally designed to meet Department of Energy requirement. Units which do not meet requirements will be highlighted gray in performance data tables. Selection of a unit which meets the DOE requirements is always recommended regardless of application.

This system operates using A2L refrigerant (either R-454A or R-454C). A2Ls are synthetic, mildly-flammable refrigerants that meet low GWP regulatory requirements and offer the greatest ease of use for technicians compared to other solutions.

Title 24 condenser option exceeds minimum efficiency required for California and requires the use of VFDs for fan control.

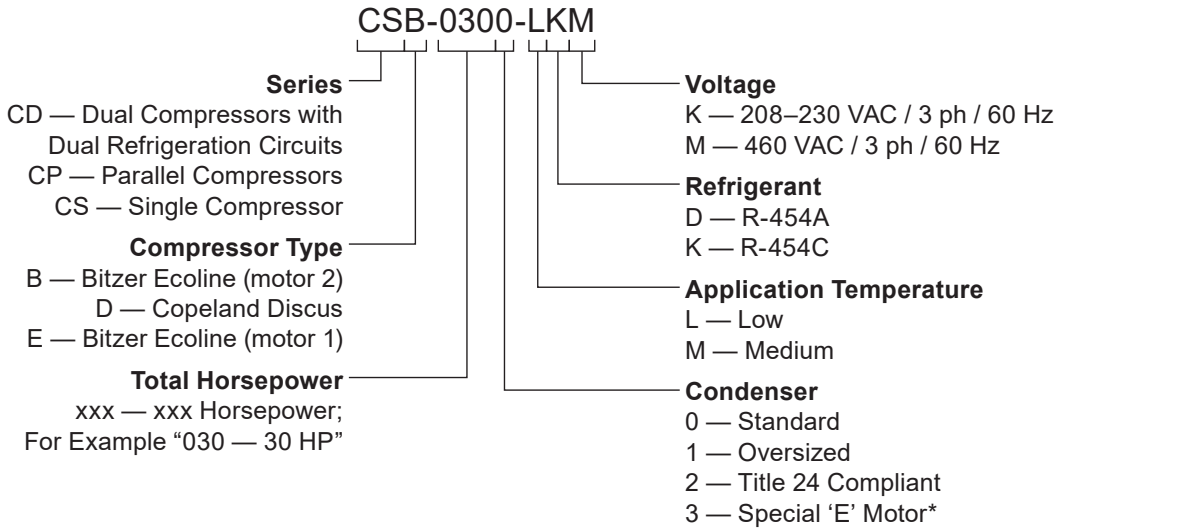
Refer to state/local regulations for GWP and maximum allowable refrigerant before ordering to ensure compliance with these regulations.

Units are shipped on a standard pallet/skid base.

Model Identification

Model Nomenclature

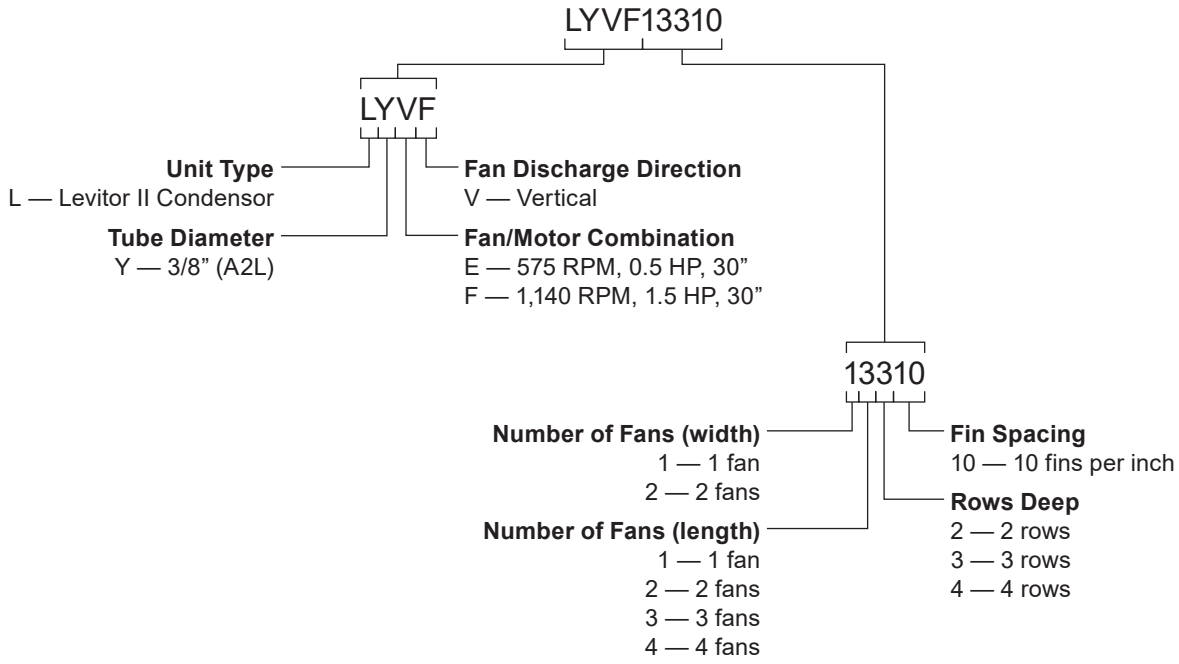
The nomenclature of a typical configuration is shown below, but not all variables are fully defined here. Please contact Krack for more details If interested in non-standard configurations.



*Low temperature CS-A2L and CP-A2L only

Condenser Identification

Models with Standard (0), Oversized (1), and Title 24 Compliant (2) identifiers in the C-Series A2L model number will use an LYVF style condenser, while models with Special 'E' Motor (3) identifier will use an LYVE style condenser. The condenser number shown in the specification tables in this document represents the specific condenser model. For example, CDB-0300-MDM would use condenser LYVF13310 based on the Standard (0) identifier and the condenser number 13310. The first two numbers of the condenser number are also used in the unit size ID to show the number of fan rows and number of fans in each row.



C-Series A2L

Model Identification and Ordering Information

Model Size ID

The physical size ID callouts for units combine the series of unit that appears at the beginning of the unit part number (e.g., CD) with the number fan rows and fans per row (i.e., 22, meaning 2 rows of fans with 2 fans in the row). Number of fan rows and number of fans in a row are also the fist two numbers of the displayed condenser number shown in each model's specification section for size reference.

CD-22

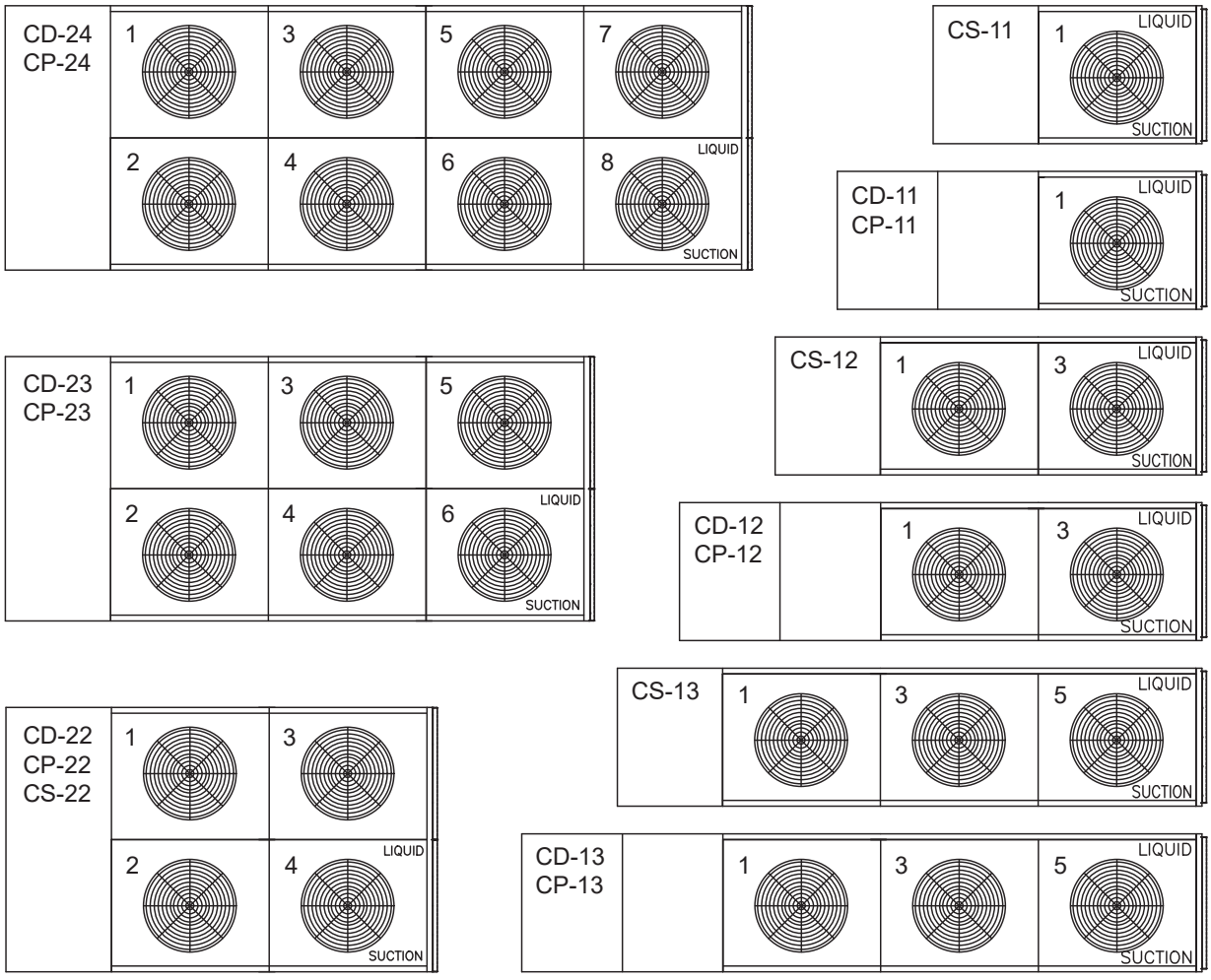
Series
CD — Dual Compressors with Dual Refrigeration Circuits
CP — Parallel Compressors
CS — Single Compressor

Number of Fans in Each Row
1 — 1 Fan per Row
2 — 2 Fans per Row
3 — 3 Fans per Row
4 — 4 Fans per Row

Number of Fan Rows
1 — 1 Row of Fans
2 — 2 Rows of Fans

Unit Layout

Fan layout by unit type is shown below. These identify the fans in reference to wiring and control/contactor related documentation and control parameters.



Ordering Information

Complete model number (including refrigerant), application temperature, saturated suction temperature, liquid refrigerant temperature, compliance requirements, and any desired optional accessories and/or features must be specified during the ordering process.

Standard and Optional Features

All units feature a galvanized cabinet and either Copeland Discus or Bitzer Ecoline (motor type 1 or 2) compressor(s) featuring an oil level sight glass, internal motor overheat protection, back-seating suction and discharge valves, and an internal driven shaft oil pump with manual reset oil safety control. Safety controls are factory installed using armored capillary tubes to prevent leaks with standard automatic reset low pressure and manual reset high pressure controls. Compressor crankcase heater is de-energized during compressor operation for energy savings.

Receivers are sized to hold condenser flooding charge, evaporator charge, and 100' (30.5 m) of liquid line. Receiver pressure relief valve and charging valve are standard. There is a sight glass at the receiver outlet for charging.

Condenser uses efficient 3/8" grooved tubing and mechanically-bonded, die-formed, aluminum fin stock with full self-spacing collars. Condensers feature a sub-cooling circuit to ensure a solid column of liquid at the expansion valve, adjustable head pressure system (flooding) for low ambient operation, and 30" statically and dynamically balanced direct-drive fans with a separate motor for each fan. Fan motors are suitable for inverter duty on all models. Fan sections are divided by full-width baffles to prevent air bypass and each fan is protected by a corrosion-resistant fan guard. Standard liquid drier includes a replaceable core and sight glass.

Feature/Component	Standard	Optional
Capacity Control	none	cylinder unloader
Compressor Oil Control (requires separator)	none	TraxOil level control
Condenser Coil	uncoated	Electrofin coated
Condenser Fan Control	electro-mechanical switches (ON/OFF)	VFD (for Title 24 units)
Condenser Fan Motor	1,140 RPM 1.5 HP "F" motor	575 RPM 0.5 HP "E" motor (low temp CP-A2L and CS-A2L with standard condenser size only)
Condenser Fin Material	aluminum	copper vinyl coated
Control Voltage	230 VAC / 1-phase / 60 Hz	115 VAC / 1-phase / 60 Hz
Defrost Control	none	mechanical timer with contactors for air defrost
Hurricane-Rated	no	yes
Main Power Disconnect	none	fused (installed or ship loose) non-fused (installed or ship loose)
Oil Separator	none	helical (recommended for room temperatures of -10° F [-23.3° C] and below)
Receiver	standard (sized for system)	heated and insulated receiver
Suction Accumulator	included on low temperature units	optional on medium temperature units
Suction Filter	none	sealed replaceable core
Suction Insulation	none	1/2", 3/4", or 1"

General Specifications

Electrical Supply Power

Main disconnect for the unit will be an external breaker. See controller specifications or wiring diagrams for controller voltage requirements. Current is shown as the rated value, not the actual current draw.

Supply Power Options	Control Circuit Power Options
208–230 VAC / 3-phase / 60 Hz	115 VAC / 1-phase / 60 Hz
460 VAC / 3-phase / 60 Hz	230 VAC / 1-phase / 60 Hz

Unit Specification Interpretation

Receiver capacity data is listed at 90% full and 90° F (32.2 °C).

Electrical information for individual units based on specific configuration can be found in the associated section for that unit or on the unit serial label. Electrical specifications (e.g., MCA) on 208–230 VAC models are listed at 208 VAC value as shown in this document.

Dual compressor, dual refrigeration circuit models (CD) have performance values (capacity) listed per circuit. Dual compressor, parallel circuit models (CP) have performance values (capacity) listed as a total (per condensing unit).

All units use 'F' style motors except for units with the '3' designator for condenser type, which are noted in each applicable table.

Most CP and CS models are DOE compliant, but not all. CP and CS models that are not DOE compliant are shown with a light gray background and no AWEF value for identification. CD models are not affected by this and therefore do not show AWEF values.

CD Specifications

CD Connections, Receiver, and Weight

Receiver and connection data are listed per refrigeration circuit (two per unit).

Model	Connections		Receiver[A]			Size ID	Weight lb (kg)
Medium Temp.	Liquid	Suction	Size	R-454A lb (kg)	R-454C lb (kg)		
CD*-0100-M( )[ ]	7/8"	1 1/8"	8 5/8" x 28" (219 mm x 0.71 m)	53 (24)	54 (24.5)	CD-11	1,869 (848)
CD*-0101-M( )[ ]	7/8"	1 1/8"	8 5/8" x 28" (219 mm x 0.71 m)	53 (24)	54 (24.5)	CD-11	1,933 (877)
CD*-0150-M( )[ ]	7/8"	1 3/8"	8 5/8" x 28" (219 mm x 0.71 m)	53 (24)	54 (24.5)	CD-11	1,960 (889)
CD*-0151-M( )[ ]	7/8"	1 3/8"	8 5/8" x 28" (219 mm x 0.71 m)	53 (24)	54 (24.5)	CD-12	2,562 (1,162)
CD*-0160-M( )[ ]	1 1/8"	1 3/8"	8 5/8" x 28" (219 mm x 0.71 m)	53 (24)	54 (24.5)	CD-12	2,569 (1,165)
CD*-0161-M( )[ ]	1 1/8"	1 3/8"	8 5/8" x 28" (219 mm x 0.71 m)	53 (24)	54 (24.5)	CD-12	2,631 (1,193)
CD*-0162-M( )[ ]	1 1/8"	1 3/8"	8 5/8" x 28" (219 mm x 0.71 m)	53 (24)	54 (24.5)	CD-12	2,690 (1,220)
CD*-0180-M( )[ ]	1 1/8"	1 5/8"	8 5/8" x 28" (219 mm x 0.71 m)	53 (24)	54 (24.5)	CD-12	2,724 (1,235)
CD*-0181-M( )[ ]	1 1/8"	1 5/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CD-12	2,920 (1,324)
CD*-0200-M( )[ ]	1 1/8"	1 5/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CD-12	2,851 (1,293)
CD*-0201-M( )[ ]	1 1/8"	1 5/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CD-13	3,377 (1,532)
CD*-0202-M( )[ ]	1 1/8"	1 5/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CD-12	2,910 (1,320)
CD*-0240-M( )[ ]	1 1/8"	1 5/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CD-12	2,916 (1,322)
CD*-0241-M( )[ ]	1 1/8"	1 5/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CD-13	3,379 (1,533)
CD*-0300-M( )[ ]	1 1/8"	2 1/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CD-13	3,415 (1,549)
CD*-0301-M( )[ ]	1 1/8"	2 1/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CD-13	3,577 (1,623)
CD*-0400-M( )[ ]	1 1/8"	2 1/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CD-13	3,468 (1,573)
CD*-0401-M( )[ ]	1 1/8"	2 1/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CD-22	3,807 (1,727)
CD*-0402-M( )[ ]	1 1/8"	2 1/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CD-13	3,556 (1,613)
CD*-0500-M( )[ ]	1 1/8"	2 1/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CD-13	3,681 (1,670)
CD*-0501-M( )[ ]	1 1/8"	2 1/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CD-23	4,733 (2,147)
CD*-0600-M( )[ ]	1 1/8"	2 1/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CD-22	4,068 (1,845)
CD*-0601-M( )[ ]	1 1/8"	2 1/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CD-23	4,878 (2,213)
CD*-0700-M( )[ ]	1 3/8"	2 1/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CD-23	4,723 (2,142)
CD*-0701-M( )[ ]	1 3/8"	2 1/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CD-24	5,845 (2,651)
CD*-0702-M( )[ ]	1 3/8"	2 1/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CD-23	5,320 (2,413)
CD*-0800-M( )[ ]	1 3/8"	2 5/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CD-23	5,346 (2,425)
CD*-0801-M( )[ ]	1 3/8"	2 5/8"	10 3/4" x 96" (273 mm x 2.44 m)	280 (127)	287 (130.2)	CD-24	6,411 (2,908)

Model	Connections		Receiver[A]			Size ID	Weight lb (kg)
Low Temp.	Liquid	Suction	Size	R-454A lb (kg)	R-454C lb (kg)		
CD*-0300-L( )[ ]	7/8"	2 1/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CD-12	2,910 (1,320)
CD*-0301-L( )[ ]	7/8"	2 1/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CD-13	3,512 (1,593)
CD*-0440-L( )[ ]	7/8"	2 1/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CD-13	3,479 (1,578)
CD*-0441-L( )[ ]	7/8"	2 1/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CD-13	3,826 (1,736)
CD*-0540-L( )[ ]	1 1/8"	2 5/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CD-13	3,777 (1,713)
CD*-0541-L( )[ ]	1 1/8"	2 5/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CD-22	4,080 (1,850)
CD*-0600-L( )[ ]	1 1/8"	2 5/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CD-22	4,057 (1,840)
CD*-0601-L( )[ ]	1 1/8"	2 5/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CD-23	4,931 (2,237)
CD*-0602-L( )[ ]	1 1/8"	2 5/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CD-22	4,175 (1,894)

* Compressor type ( ) Refrigerant type [ ] Voltage

[A] Receiver capacity data is listed at 90% full and 90° F (32.2° C).

C-Series A2L

Specifications

CD Medium Temperature Bitzer Ecoline (Motor 2) with R-454A Electrical, Capacity, and Configuration Data

CD Medium Temperature Bitzer Ecoline (Motor 2) with R-454A AWEF and Electrical Data

Model	Condenser	Compressor[B]	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CDB-0100-MD[ ]	11210	4FES-3	N/A	18	5.4	51.9	60	8.1	2.5	23.7	30
CDB-0101-MD[ ]	11410	4FES-3	N/A	18	5.4	51.9	60	8.1	2.5	23.7	30
CDB-0150-MD[ ]	11410	4EES-4	N/A	20.1	5.4	56.6	70	9.2	2.5	26.2	35
CDB-0151-MD[ ]	12210	4EES-4	N/A	20.1	10.8	62	80	9.2	5	28.7	35
CDB-0160-MD[ ]	12210	4DES-5	N/A	20.6	10.8	63.2	80	10.8	5	32.3	40
CDB-0161-MD[ ]	12310	4DES-5	N/A	20.6	10.8	63.2	80	10.8	5	32.3	40
CDB-0162-MD[ ]	12410	4DES-5	N/A	20.6	10.8	63.2	80	10.8	5	32.3	40
CDB-0180-MD[ ]	12210	4CES-6	N/A	25	10.8	73.1	90	14.2	5	40	50
CDB-0181-MD[ ]	12410	4CES-6	N/A	25	10.8	73.1	90	14.2	5	40	50
CDB-0200-MD[ ]	12310	4TES-9	N/A	28.2	10.8	80.3	100	14.1	5	39.7	50
CDB-0201-MD[ ]	13310	4TES-9	N/A	28.2	16.2	85.7	110	14.1	7.5	42.2	50
CDB-0202-MD[ ]	12410	4TES-9	N/A	28.2	10.8	80.3	100	14.1	5	39.7	50
CDB-0240-MD[ ]	12410	4PES-12	N/A	34.6	10.8	94.7	125	17.3	5	46.9	60
CDB-0241-MD[ ]	13310	4PES-12	N/A	34.6	16.2	100.1	125	17.3	7.5	49.4	60
CDB-0300-MD[ ]	13310	4NES-14	N/A	39.7	16.2	111.5	150	19.9	7.5	55.3	70
CDB-0301-MD[ ]	13410	4NES-14	N/A	39.7	16.2	111.5	150	19.9	7.5	55.3	70
CDB-0400-MD[ ]	13310	4JE-15	N/A	50	16.2	134.7	175	25	7.5	66.8	90
CDB-0401-MD[ ]	22310	4JE-15	N/A	50	21.6	140.1	175	25	10	69.3	90
CDB-0402-MD[ ]	13410	4JE-15	N/A	50	16.2	134.7	175	25	7.5	66.8	90
CDB-0500-MD[ ]	13410	4HE-18	N/A	54.1	16.2	143.9	175	27.1	7.5	71.5	90
CDB-0501-MD[ ]	23310	4HE-18	N/A	54.1	32.4	160.1	200	27.1	15	79	100
CDB-0600-MD[ ]	22410	4GE-23	N/A	57.7	21.6	157.4	200	28.8	10	77.8	100
CDB-0601-MD[ ]	23310	4GE-23	N/A	57.7	32.4	168.2	225	28.8	15	82.8	110
CDB-0700-MD[ ]	23310	6HE-28	N/A	77.6	32.4	213	250	38.8	15	105.3	125
CDB-0701-MD[ ]	24310	6HE-28	N/A	77.6	43.2	223.8	300	38.8	20	110.3	150
CDB-0702-MD[ ]	23410	6HE-28	N/A	77.6	32.4	213	250	38.8	15	105.3	125
CDB-0800-MD[ ]	23410	6GE-34	N/A	84.6	32.4	228.8	300	42.3	15	113.2	150
CDB-0801-MD[ ]	24410	6GE-34	N/A	84.6	43.2	239.6	300	42.3	20	118.2	150

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

CD Medium Temperature Bitzer Ecoline (Motor 2) with R-454A Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[DE]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CDB-0100-MD[ ]	27.3 (8)	30.7 (9)	34.3 (10.1)	38.2 (11.2)	42.4 (12.4)	46.8 (13.7)	51.5 (15.1)
CDB-0101-MD[ ]	29.3 (8.6)	33.1 (9.7)	37.3 (10.9)	41.8 (12.3)	46.7 (13.7)	52 (15.2)	57.6 (16.9)
CDB-0150-MD[ ]	37.7 (11)	42.2 (12.4)	47 (13.8)	52.2 (15.3)	57.8 (16.9)	63.8 (18.7)	70.3 (20.6)
CDB-0151-MD[ ]	38.4 (11.3)	43 (12.6)	48 (14.1)	53.4 (15.7)	59.3 (17.4)	65.5 (19.2)	72.3 (21.2)
CDB-0160-MD[ ]	43.9 (12.9)	49.4 (14.5)	55.3 (16.2)	61.7 (18.1)	68.5 (20.1)	75.8 (22.2)	83.7 (24.5)
CDB-0161-MD[ ]	45.6 (13.4)	51.4 (15.1)	57.8 (16.9)	64.7 (19)	72.1 (21.1)	80.1 (23.5)	88.8 (26)
CDB-0162-MD[ ]	46.3 (13.6)	52.3 (15.3)	58.8 (17.2)	65.9 (19.3)	73.7 (21.6)	82 (24)	91 (26.7)
CDB-0180-MD[ ]	53.3 (15.6)	59.6 (17.5)	66.4 (19.5)	73.7 (21.6)	81.5 (23.9)	89.8 (26.3)	98.6 (28.9)
CDB-0181-MD[ ]	56.7 (16.6)	63.8 (18.7)	71.5 (21)	79.8 (23.4)	88.9 (26.1)	98.6 (28.9)	109 (31.9)
CDB-0200-MD[ ]	67.4 (19.8)	75.6 (22.2)	84.5 (24.8)	94 (27.5)	104.3 (30.6)	115.2 (33.8)	127 (37.2)
CDB-0201-MD[ ]	70.7 (20.7)	79.6 (23.3)	89.3 (26.2)	99.8 (29.2)	111.3 (32.6)	123.6 (36.2)	137 (40.2)
CDB-0202-MD[ ]	69.1 (20.3)	77.6 (22.7)	86.9 (25.5)	97 (28.4)	107.8 (31.6)	119.5 (35)	132.1 (38.7)
CDB-0240-MD[ ]	76.1 (22.3)	85.8 (25.1)	96.3 (28.2)	107.6 (31.5)	119.7 (35.1)	132.8 (38.9)	146.8 (43)
CDB-0241-MD[ ]	78.2 (22.9)	88.3 (25.9)	99.4 (29.1)	111.3 (32.6)	124.3 (36.4)	138.3 (40.5)	153.3 (44.9)
CDB-0300-MD[ ]	91.8 (26.9)	103.2 (30.2)	115.5 (33.9)	128.9 (37.8)	143.3 (42)	158.8 (46.5)	175.4 (51.4)
CDB-0301-MD[ ]	93.8 (27.5)	105.7 (31)	118.6 (34.8)	132.6 (38.9)	147.7 (43.3)	164.1 (48.1)	181.7 (53.3)
CDB-0400-MD[ ]	106.7 (31.3)	119.3 (35)	132.9 (39)	147.4 (43.2)	163 (47.8)	179.6 (52.6)	197.2 (57.8)
CDB-0401-MD[ ]	110.3 (32.3)	123.7 (36.3)	138.2 (40.5)	153.8 (45.1)	170.6 (50)	188.7 (55.3)	208 (61)
CDB-0402-MD[ ]	109.2 (32)	122.3 (35.8)	136.5 (40)	151.8 (44.5)	168.2 (49.3)	185.8 (54.5)	204.6 (60)
CDB-0500-MD[ ]	126.1 (37)	140.8 (41.3)	156.6 (45.9)	173.7 (50.9)	192 (56.3)	211.6 (62)	232.5 (68.1)
CDB-0501-MD[ ]	132.8 (38.9)	149 (43.7)	166.6 (48.8)	185.7 (54.4)	206.4 (60.5)	228.7 (67)	252.8 (74.1)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

(continued from previous page)

Model	MBH (kW)[DE]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CDB-0600-MD[ ]	140.8 (41.3)	158.1 (46.3)	176.9 (51.8)	197.2 (57.8)	219.2 (64.2)	242.7 (71.1)	268 (78.5)
CDB-0601-MD[ ]	144.1 (42.2)	162.2 (47.5)	181.9 (53.3)	203.2 (59.6)	226.3 (66.3)	251.2 (73.6)	278 (81.5)
CDB-0700-MD[ ]	188 (55.1)	210.7 (61.8)	235.1 (68.9)	261.5 (76.6)	289.8 (84.9)	320.1 (93.8)	352.4 (103.3)
CDB-0701-MD[ ]	193.7 (56.8)	217.6 (63.8)	243.6 (71.4)	271.7 (79.6)	302 (88.5)	334.7 (98.1)	369.7 (108.4)
CDB-0702-MD[ ]	191.9 (56.2)	215.5 (63.2)	240.9 (70.6)	268.5 (78.7)	298.1 (87.4)	330 (96.7)	364.3 (106.8)
CDB-0800-MD[ ]	216.4 (63.4)	241.9 (70.9)	269.5 (79)	299.3 (87.7)	331.5 (97.2)	366.2 (107.3)	403.3 (118.2)
CDB-0801-MD[ ]	222.5 (65.2)	249.4 (73.1)	278.6 (81.7)	310.4 (91)	344.8 (101.1)	382 (112)	422.2 (123.7)

CD Medium Temperature Bitzer Ecoline (Motor 2) with R-454A Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[DE]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CDB-0100-MD[ ]	24.4 (7.2)	27.5 (8.1)	30.8 (9)	34.4 (10.1)	38.2 (11.2)	42.2 (12.4)	46.5 (13.6)
CDB-0101-MD[ ]	26.3 (7.7)	29.8 (8.7)	33.6 (9.8)	37.8 (11.1)	42.3 (12.4)	47.1 (13.8)	52.3 (15.3)
CDB-0150-MD[ ]	34.3 (10.1)	38.3 (11.2)	42.8 (12.5)	47.5 (13.9)	52.7 (15.4)	58.2 (17.1)	64.1 (18.8)
CDB-0151-MD[ ]	34.9 (10.2)	39.1 (11.5)	43.7 (12.8)	48.7 (14.3)	54 (15.8)	59.8 (17.5)	66 (19.3)
CDB-0160-MD[ ]	39.6 (11.6)	44.6 (13.1)	50 (14.7)	55.8 (16.4)	62.1 (18.2)	68.8 (20.2)	76 (22.3)
CDB-0161-MD[ ]	41.1 (12)	46.5 (13.6)	52.3 (15.3)	58.6 (17.2)	65.5 (19.2)	72.9 (21.4)	80.9 (23.7)
CDB-0162-MD[ ]	41.8 (12.3)	47.3 (13.9)	53.3 (15.6)	59.9 (17.6)	67 (19.6)	74.7 (21.9)	83 (24.3)
CDB-0180-MD[ ]	48.2 (14.1)	54 (15.8)	60.2 (17.6)	66.9 (19.6)	74 (21.7)	81.6 (23.9)	89.7 (26.3)
CDB-0181-MD[ ]	51.4 (15.1)	57.9 (17)	65 (19.1)	72.7 (21.3)	81 (23.7)	89.9 (26.3)	99.6 (29.2)
CDB-0200-MD[ ]	60.7 (17.8)	68.2 (20)	76.2 (22.3)	84.9 (24.9)	94.3 (27.6)	104.4 (30.6)	115.2 (33.8)
CDB-0201-MD[ ]	63.6 (18.6)	71.8 (21)	80.7 (23.7)	90.3 (26.5)	100.8 (29.5)	112.2 (32.9)	124.4 (36.5)
CDB-0202-MD[ ]	62.2 (18.2)	70 (20.5)	78.5 (23)	87.6 (25.7)	97.6 (28.6)	108.3 (31.7)	119.8 (35.1)
CDB-0240-MD[ ]	68 (19.9)	76.8 (22.5)	86.3 (25.3)	96.6 (28.3)	107.8 (31.6)	119.8 (35.1)	132.6 (38.9)
CDB-0241-MD[ ]	69.8 (20.5)	79.1 (23.2)	89.1 (26.1)	100.1 (29.3)	111.9 (32.8)	124.8 (36.6)	138.6 (40.6)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

(continued from previous page)

Model	MBH (kW)[DE]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CDB-0300-MD[ ]	82.4 (24.2)	92.8 (27.2)	104.1 (30.5)	116.2 (34.1)	129.4 (37.9)	143.6 (42.1)	158.9 (46.6)
CDB-0301-MD[ ]	84.3 (24.7)	95.1 (27.9)	106.9 (31.3)	119.7 (35.1)	133.5 (39.1)	148.6 (43.6)	164.8 (48.3)
CDB-0400-MD[ ]	96.8 (28.4)	108.4 (31.8)	120.8 (35.4)	134.2 (39.3)	148.5 (43.5)	163.8 (48)	180.1 (52.8)
CDB-0401-MD[ ]	100.3 (29.4)	112.6 (33)	125.9 (36.9)	140.3 (41.1)	155.8 (45.7)	172.4 (50.5)	190.3 (55.8)
CDB-0402-MD[ ]	99.2 (29.1)	111.3 (32.6)	124.3 (36.4)	138.3 (40.5)	153.5 (45)	169.7 (49.7)	187.1 (54.8)
CDB-0500-MD[ ]	114.3 (33.5)	127.8 (37.5)	142.3 (41.7)	157.9 (46.3)	174.7 (51.2)	192.8 (56.5)	212.1 (62.2)
CDB-0501-MD[ ]	120.7 (35.4)	135.5 (39.7)	151.7 (44.5)	169.3 (49.6)	188.4 (55.2)	209.1 (61.3)	231.4 (67.8)
CDB-0600-MD[ ]	126.5 (37.1)	142.4 (41.7)	159.6 (46.8)	178.3 (52.3)	198.5 (58.2)	220.2 (64.5)	243.6 (71.4)
CDB-0601-MD[ ]	129.6 (38)	146.2 (42.8)	164.2 (48.1)	183.8 (53.9)	205.1 (60.1)	228.2 (66.9)	253.1 (74.2)
CDB-0700-MD[ ]	170.3 (49.9)	191.1 (56)	213.5 (62.6)	237.7 (69.7)	263.7 (77.3)	291.6 (85.5)	321.5 (94.2)
CDB-0701-MD[ ]	175.7 (51.5)	197.7 (57.9)	221.5 (64.9)	247.4 (72.5)	275.3 (80.7)	305.5 (89.5)	338 (99.1)
CDB-0702-MD[ ]	174 (51)	195.6 (57.3)	219 (64.2)	244.3 (71.6)	271.7 (79.6)	301.1 (88.2)	332.8 (97.5)
CDB-0800-MD[ ]	196.6 (57.6)	219.8 (64.4)	245.1 (71.8)	272.4 (79.8)	301.9 (88.5)	333.8 (97.8)	368 (107.9)
CDB-0801-MD[ ]	202.3 (59.3)	226.9 (66.5)	253.6 (74.3)	282.8 (82.9)	314.4 (92.1)	348.7 (102.2)	385.8 (113.1)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CD Medium Temperature Bitzer Ecoline (Motor 2) with R-454C Electrical, Capacity, and Configuration Data

CD Medium Temperature Bitzer Ecoline (Motor 2) with R-454C AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CDB-0100-MK[ ]	4FES-3	11210	N/A	18	5.4	51.9	60	8.1	2.5	23.7	30
CDB-0101-MK[ ]	4FES-3	11410	N/A	18	5.4	51.9	60	8.1	2.5	23.7	30
CDB-0150-MK[ ]	4EES-4	11410	N/A	20.1	5.4	56.6	70	9.2	2.5	26.2	35
CDB-0151-MK[ ]	4EES-4	12210	N/A	20.1	10.8	62	80	9.2	5	28.7	35
CDB-0160-MK[ ]	4DES-5	12210	N/A	20.6	10.8	63.2	80	10.8	5	32.3	40
CDB-0161-MK[ ]	4DES-5	12310	N/A	20.6	10.8	63.2	80	10.8	5	32.3	40
CDB-0162-MK[ ]	4DES-5	12410	N/A	20.6	10.8	63.2	80	10.8	5	32.3	40
CDB-0180-MK[ ]	4CES-6	12210	N/A	25	10.8	73.1	90	14.2	5	40	50
CDB-0181-MK[ ]	4CES-6	12410	N/A	25	10.8	73.1	90	14.2	5	40	50
CDB-0200-MK[ ]	4TES-9	12310	N/A	28.2	10.8	80.3	100	14.1	5	39.7	50
CDB-0201-MK[ ]	4TES-9	13310	N/A	28.2	16.2	85.7	110	14.1	7.5	42.2	50
CDB-0202-MK[ ]	4TES-9	12410	N/A	28.2	10.8	80.3	100	14.1	5	39.7	50
CDB-0240-MK[ ]	4PES-12	12410	N/A	34.6	10.8	94.7	125	17.3	5	46.9	60
CDB-0241-MK[ ]	4PES-12	13310	N/A	34.6	16.2	100.1	125	17.3	7.5	49.4	60
CDB-0300-MK[ ]	4NES-14	13310	N/A	39.7	16.2	111.5	150	19.9	7.5	55.3	70
CDB-0301-MK[ ]	4NES-14	13410	N/A	39.7	16.2	111.5	150	19.9	7.5	55.3	70
CDB-0400-MK[ ]	4JE-15	13310	N/A	50	16.2	134.7	175	25	7.5	66.8	90
CDB-0401-MK[ ]	4JE-15	22310	N/A	50	21.6	140.1	175	25	10	69.3	90
CDB-0402-MK[ ]	4JE-15	13410	N/A	50	16.2	134.7	175	25	7.5	66.8	90
CDB-0500-MK[ ]	4HE-18	13410	N/A	54.1	16.2	143.9	175	27.1	7.5	71.5	90
CDB-0501-MK[ ]	4HE-18	23310	N/A	54.1	32.4	160.1	200	27.1	15	79	100
CDB-0600-MK[ ]	4GE-23	22410	N/A	57.7	21.6	157.4	200	28.8	10	77.8	100
CDB-0601-MK[ ]	4GE-23	23310	N/A	57.7	32.4	168.2	225	28.8	15	82.8	110
CDB-0700-MK[ ]	6HE-28	23310	N/A	77.6	32.4	213	250	38.8	15	105.3	125
CDB-0701-MK[ ]	6HE-28	24310	N/A	77.6	43.2	223.8	300	38.8	20	110.3	150
CDB-0702-MK[ ]	6HE-28	23410	N/A	77.6	32.4	213	250	38.8	15	105.3	125
CDB-0800-MK[ ]	6GE-34	23410	N/A	84.6	32.4	228.8	300	42.3	15	113.2	150
CDB-0801-MK[ ]	6GE-34	24410	N/A	84.6	43.2	239.6	300	42.3	20	118.2	150

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

CD Medium Temperature Bitzer Ecoline (Motor 2) with R-454C Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[DE]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CDB-0100-MK[ ]	22.1 (6.5)	25.1 (7.4)	28.5 (8.4)	32.2 (9.4)	36.2 (10.6)	40.5 (11.9)	45.2 (13.2)
CDB-0101-MK[ ]	23.4 (6.9)	26.8 (7.9)	30.6 (9)	34.7 (10.2)	39.2 (11.5)	44.2 (13)	49.5 (14.5)
CDB-0150-MK[ ]	28.7 (8.4)	32.8 (9.6)	37.4 (11)	42.3 (12.4)	47.8 (14)	53.7 (15.7)	60.1 (17.6)
CDB-0151-MK[ ]	29.2 (8.6)	33.4 (9.8)	38.1 (11.2)	43.2 (12.7)	48.8 (14.3)	54.9 (16.1)	61.6 (18.1)
CDB-0160-MK[ ]	32.8 (9.6)	37.5 (11)	42.8 (12.5)	48.5 (14.2)	54.8 (16.1)	61.6 (18.1)	69 (20.2)
CDB-0161-MK[ ]	33.8 (9.9)	38.8 (11.4)	44.3 (13)	50.4 (14.8)	57.1 (16.7)	64.4 (18.9)	72.3 (21.2)
CDB-0162-MK[ ]	34.3 (10.1)	39.4 (11.5)	45 (13.2)	51.2 (15)	58.1 (17)	65.6 (19.2)	73.7 (21.6)
CDB-0180-MK[ ]	40.8 (12)	46.5 (13.6)	52.8 (15.5)	59.6 (17.5)	67.1 (19.7)	75.2 (22)	83.9 (24.6)
CDB-0181-MK[ ]	43.1 (12.6)	49.3 (14.4)	56.2 (16.5)	63.8 (18.7)	72.1 (21.1)	81.2 (23.8)	91.1 (26.7)
CDB-0200-MK[ ]	50.2 (14.7)	57.6 (16.9)	65.7 (19.3)	74.6 (21.9)	84.4 (24.7)	95 (27.8)	106.5 (31.2)
CDB-0201-MK[ ]	52.2 (15.3)	60.1 (17.6)	68.8 (20.2)	78.4 (23)	89 (26.1)	100.5 (29.5)	113.1 (33.1)
CDB-0202-MK[ ]	51.2 (15)	58.9 (17.3)	67.3 (19.7)	76.6 (22.5)	86.7 (25.4)	97.8 (28.7)	109.8 (32.2)
CDB-0240-MK[ ]	57.2 (16.8)	65.9 (19.3)	75.5 (22.1)	86 (25.2)	97.5 (28.6)	110 (32.2)	123.6 (36.2)
CDB-0241-MK[ ]	58.5 (17.1)	67.5 (19.8)	77.5 (22.7)	88.4 (25.9)	100.5 (29.5)	113.6 (33.3)	127.9 (37.5)
CDB-0300-MK[ ]	69.1 (20.3)	79.4 (23.3)	90.7 (26.6)	103.1 (30.2)	116.8 (34.2)	131.6 (38.6)	147.7 (43.3)
CDB-0301-MK[ ]	70.4 (20.6)	81 (23.7)	92.7 (27.2)	105.6 (30.9)	119.7 (35.1)	135.2 (39.6)	152 (44.5)
CDB-0400-MK[ ]	79.4 (23.3)	90.7 (26.6)	103 (30.2)	116.6 (34.2)	131.4 (38.5)	147.4 (43.2)	164.7 (48.3)
CDB-0401-MK[ ]	81.8 (24)	93.6 (27.4)	106.6 (31.2)	120.9 (35.4)	136.6 (40)	153.6 (45)	172.1 (50.4)
CDB-0402-MK[ ]	81 (23.7)	92.7 (27.2)	105.5 (30.9)	119.5 (35)	134.9 (39.5)	151.6 (44.4)	169.8 (49.8)
CDB-0500-MK[ ]	93.6 (27.4)	106.7 (31.3)	121.1 (35.5)	136.9 (40.1)	154 (45.1)	172.7 (50.6)	192.9 (56.5)
CDB-0501-MK[ ]	97.9 (28.7)	112 (32.8)	127.6 (37.4)	144.8 (42.4)	163.6 (47.9)	184.1 (54)	206.5 (60.5)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

(continued from previous page)

Model	MBH (kW)[DE]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CDB-0600-MK[ ]	110.4 (32.4)	125.8 (36.9)	142.7 (41.8)	161.2 (47.2)	181.5 (53.2)	203.5 (59.6)	227.3 (66.6)
CDB-0601-MK[ ]	112.5 (33)	128.4 (37.6)	145.9 (42.8)	165.2 (48.4)	186.2 (54.6)	209.2 (61.3)	234.1 (68.6)
CDB-0700-MK[ ]	139.3 (40.8)	158.9 (46.6)	180.6 (52.9)	204.3 (59.9)	230.2 (67.5)	258.3 (75.7)	288.9 (84.7)
CDB-0701-MK[ ]	142.9 (41.9)	163.3 (47.9)	185.9 (54.5)	210.8 (61.8)	238 (69.8)	267.7 (78.5)	300 (87.9)
CDB-0702-MK[ ]	141.7 (41.5)	162 (47.5)	184.2 (54)	208.7 (61.2)	235.5 (69)	264.8 (77.6)	296.5 (86.9)
CDB-0800-MK[ ]	164 (48.1)	186.5 (54.7)	211.1 (61.9)	238.2 (69.8)	267.7 (78.5)	299.8 (87.9)	334.5 (98)
CDB-0801-MK[ ]	168 (49.2)	191.4 (56.1)	217.1 (63.6)	245.5 (72)	276.5 (81)	310.3 (90.9)	347.1 (101.7)

CD Medium Temperature Bitzer Ecoline (Motor 2) with R-454C Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[DE]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CDB-0100-MK[ ]	19.7 (5.8)	22.5 (6.6)	25.6 (7.5)	29.1 (8.5)	32.8 (9.6)	36.8 (10.8)	41.2 (12.1)
CDB-0101-MK[ ]	21 (6.2)	24.1 (7.1)	27.6 (8.1)	31.4 (9.2)	35.6 (10.4)	40.2 (11.8)	45.3 (13.3)
CDB-0150-MK[ ]	25.7 (7.5)	29.4 (8.6)	33.6 (9.8)	38.2 (11.2)	43.3 (12.7)	48.8 (14.3)	54.8 (16.1)
CDB-0151-MK[ ]	26.1 (7.6)	30 (8.8)	34.3 (10.1)	39 (11.4)	44.3 (13)	50 (14.7)	56.2 (16.5)
CDB-0160-MK[ ]	29.3 (8.6)	33.7 (9.9)	38.5 (11.3)	43.8 (12.8)	49.6 (14.5)	56 (16.4)	62.9 (18.4)
CDB-0161-MK[ ]	30.3 (8.9)	34.8 (10.2)	39.9 (11.7)	45.6 (13.4)	51.8 (15.2)	58.6 (17.2)	66 (19.3)
CDB-0162-MK[ ]	30.7 (9)	35.4 (10.4)	40.6 (11.9)	46.4 (13.6)	52.7 (15.4)	59.7 (17.5)	67.4 (19.8)
CDB-0180-MK[ ]	36.6 (10.7)	41.8 (12.3)	47.6 (14)	53.9 (15.8)	60.9 (17.8)	68.4 (20)	76.6 (22.5)
CDB-0181-MK[ ]	38.7 (11.3)	44.4 (13)	50.8 (14.9)	57.8 (16.9)	65.6 (19.2)	74.1 (21.7)	83.4 (24.4)
CDB-0200-MK[ ]	44.7 (13.1)	51.5 (15.1)	59 (17.3)	67.3 (19.7)	76.4 (22.4)	86.3 (25.3)	97.1 (28.5)
CDB-0201-MK[ ]	46.5 (13.6)	53.8 (15.8)	61.8 (18.1)	70.8 (20.8)	80.6 (23.6)	91.4 (26.8)	103.2 (30.2)
CDB-0202-MK[ ]	45.6 (13.4)	52.6 (15.4)	60.4 (17.7)	69 (20.2)	78.5 (23)	88.9 (26.1)	100.2 (29.4)
CDB-0240-MK[ ]	50.6 (14.8)	58.6 (17.2)	67.4 (19.8)	77.1 (22.6)	87.8 (25.7)	99.5 (29.2)	112.3 (32.9)
CDB-0241-MK[ ]	51.8 (15.2)	60.1 (17.6)	69.2 (20.3)	79.4 (23.3)	90.6 (26.6)	102.9 (30.2)	116.3 (34.1)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

(continued from previous page)

Model	MBH (kW)[DE]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CDB-0300-MK[ ]	61.4 (18)	70.8 (20.8)	81.3 (23.8)	92.8 (27.2)	105.5 (30.9)	119.4 (35)	134.4 (39.4)
CDB-0301-MK[ ]	62.6 (18.3)	72.3 (21.2)	83.1 (24.4)	95.1 (27.9)	108.3 (31.7)	122.7 (36)	138.4 (40.6)
CDB-0400-MK[ ]	71 (20.8)	81.4 (23.9)	92.9 (27.2)	105.6 (30.9)	119.4 (35)	134.4 (39.4)	150.8 (44.2)
CDB-0401-MK[ ]	73.2 (21.5)	84.1 (24.6)	96.2 (28.2)	109.6 (32.1)	124.2 (36.4)	140.2 (41.1)	157.7 (46.2)
CDB-0402-MK[ ]	72.5 (21.2)	83.3 (24.4)	95.2 (27.9)	108.3 (31.7)	122.7 (36)	138.4 (40.6)	155.5 (45.6)
CDB-0500-MK[ ]	83.8 (24.6)	95.9 (28.1)	109.3 (32)	123.9 (36.3)	140 (41)	157.5 (46.2)	176.4 (51.7)
CDB-0501-MK[ ]	87.8 (25.7)	100.9 (29.6)	115.3 (33.8)	131.3 (38.5)	148.9 (43.6)	168.2 (49.3)	189.2 (55.5)
CDB-0600-MK[ ]	99 (29)	113.2 (33.2)	128.9 (37.8)	146.1 (42.8)	164.9 (48.3)	185.5 (54.4)	207.9 (60.9)
CDB-0601-MK[ ]	101 (29.6)	115.7 (33.9)	131.9 (38.7)	149.8 (43.9)	169.4 (49.6)	190.9 (55.9)	214.3 (62.8)
CDB-0700-MK[ ]	124.9 (36.6)	143.1 (41.9)	163.1 (47.8)	185.2 (54.3)	209.5 (61.4)	235.9 (69.1)	264.7 (77.6)
CDB-0701-MK[ ]	128.2 (37.6)	147.1 (43.1)	168.1 (49.3)	191.3 (56.1)	216.8 (63.5)	244.7 (71.7)	275.1 (80.6)
CDB-0702-MK[ ]	127.2 (37.3)	145.9 (42.8)	166.6 (48.8)	189.4 (55.5)	214.5 (62.9)	241.9 (70.9)	271.8 (79.7)
CDB-0800-MK[ ]	147.5 (43.2)	168.2 (49.3)	191 (56)	216.1 (63.3)	243.6 (71.4)	273.6 (80.2)	306.2 (89.7)
CDB-0801-MK[ ]	151.3 (44.3)	172.8 (50.6)	196.7 (57.6)	223 (65.4)	251.9 (73.8)	283.6 (83.1)	318.1 (93.2)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CD Low Temperature Bitzer Ecoline (Motor 2) with R-454A Electrical, Capacity, and Configuration Data

CD Low Temperature Bitzer Ecoline (Motor 2) with R-454A AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CDB-0300-LD[ ]	4HE-18	12410	N/A	54.1	10.8	138.5	175	27.1	5	69	90
CDB-0301-LD[ ]	4HE-18	13310	N/A	54.1	16.2	143.9	175	27.1	7.5	71.5	90
CDB-0440-LD[ ]	4GE-23	13310	N/A	57.7	16.2	152	200	28.8	7.5	75.3	100
CDB-0441-LD[ ]	4GE-23	13410	N/A	57.7	16.2	152	200	28.8	7.5	75.3	100
CDB-0540-LD[ ]	6HE-28	13410	N/A	77.6	16.2	196.8	250	38.8	7.5	97.8	125
CDB-0541-LD[ ]	6HE-28	22410	N/A	77.6	21.6	202.2	250	38.8	10	100.3	125
CDB-0600-LD[ ]	6GE-34	22310	N/A	84.6	21.6	218	300	42.3	10	108.2	150
CDB-0601-LD[ ]	6GE-34	23310	N/A	84.6	32.4	228.8	300	42.3	15	113.2	150
CDB-0602-LD[ ]	6GE-34	22410	N/A	84.6	21.6	218	300	42.3	10	108.2	150

CD Low Temperature Bitzer Ecoline (Motor 2) with R-454A Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[DE]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CDB-0300-LD[ ]	38.8 (11.4)	47 (13.8)	55.5 (16.3)	64.4 (18.9)	73.9 (21.7)	83.9 (24.6)	94.5 (27.7)	105.9 (31)	118.1 (34.6)
CDB-0301-LD[ ]	39.6 (11.6)	48 (14.1)	56.8 (16.6)	66 (19.3)	75.8 (22.2)	86.3 (25.3)	97.6 (28.6)	109.7 (32.2)	122.7 (36)
CDB-0440-LD[ ]	41 (12)	49.9 (14.6)	59.3 (17.4)	69.3 (20.3)	79.9 (23.4)	91.3 (26.8)	103.5 (30.3)	116.7 (34.2)	130.9 (38.4)
CDB-0441-LD[ ]	41.7 (12.2)	50.8 (14.9)	60.5 (17.7)	70.8 (20.8)	81.8 (24)	93.7 (27.5)	106.5 (31.2)	120.3 (35.3)	135.3 (39.7)
CDB-0540-LD[ ]	55.6 (16.3)	67.6 (19.8)	80.1 (23.5)	93.3 (27.3)	107.4 (31.5)	122.4 (35.9)	138.5 (40.6)	155.7 (45.6)	174 (51)
CDB-0541-LD[ ]	57 (16.7)	69.4 (20.3)	82.4 (24.2)	96.3 (28.2)	111.1 (32.6)	127.1 (37.3)	144.3 (42.3)	162.8 (47.7)	182.7 (53.5)
CDB-0600-LD[ ]	66.6 (19.5)	80.3 (23.5)	94.5 (27.7)	109.3 (32)	124.9 (36.6)	141.5 (41.5)	159.1 (46.6)	177.9 (52.1)	197.9 (58)
CDB-0601-LD[ ]	68.8 (20.2)	83.2 (24.4)	98.1 (28.8)	113.9 (33.4)	130.7 (38.3)	148.7 (43.6)	168 (49.2)	188.9 (55.4)	211.5 (62)
CDB-0602-LD[ ]	67.7 (19.8)	81.8 (24)	96.4 (28.3)	111.7 (32.7)	127.9 (37.5)	145.1 (42.5)	163.6 (47.9)	183.5 (53.8)	204.8 (60)

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

CD Low Temperature Bitzer Ecoline (Motor 2) with R-454A Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[DE]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CDB-0300-LD[ ]	34 (10)	41.7 (12.2)	49.6 (14.5)	57.9 (17)	66.5 (19.5)	75.7 (22.2)	85.4 (25)	95.7 (28)	106.8 (31.3)
CDB-0301-LD[ ]	34.7 (10.2)	42.6 (12.5)	50.8 (14.9)	59.3 (17.4)	68.4 (20)	78 (22.9)	88.2 (25.8)	99.3 (29.1)	111.1 (32.6)
CDB-0440-LD[ ]	35.6 (10.4)	43.8 (12.8)	52.5 (15.4)	61.5 (18)	71.2 (20.9)	81.5 (23.9)	92.6 (27.1)	104.6 (30.7)	117.4 (34.4)
CDB-0441-LD[ ]	36.1 (10.6)	44.6 (13.1)	53.4 (15.7)	62.8 (18.4)	72.8 (21.3)	83.6 (24.5)	95.2 (27.9)	107.8 (31.6)	121.4 (35.6)
CDB-0540-LD[ ]	48.4 (14.2)	59.7 (17.5)	71.3 (20.9)	83.6 (24.5)	96.5 (28.3)	110.3 (32.3)	124.9 (36.6)	140.5 (41.2)	157.2 (46.1)
CDB-0541-LD[ ]	49.6 (14.5)	61.3 (18)	73.4 (21.5)	86.2 (25.3)	99.9 (29.3)	114.5 (33.6)	130.2 (38.2)	147.1 (43.1)	165.4 (48.5)
CDB-0600-LD[ ]	58.8 (17.2)	71.8 (21)	85.1 (24.9)	98.8 (29)	113.1 (33.1)	128.2 (37.6)	144.2 (42.3)	161.2 (47.2)	179.4 (52.6)
CDB-0601-LD[ ]	60.7 (17.8)	74.3 (21.8)	88.3 (25.9)	102.9 (30.2)	118.3 (34.7)	134.8 (39.5)	152.4 (44.7)	171.5 (50.3)	192 (56.3)
CDB-0602-LD[ ]	59.8 (17.5)	73.1 (21.4)	86.7 (25.4)	100.9 (29.6)	115.8 (33.9)	131.5 (38.5)	148.4 (43.5)	166.4 (48.8)	185.8 (54.5)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CD Low Temperature Bitzer Ecoline (Motor 2) with R-454C Electrical, Capacity, and Configuration Data

CD Low Temperature Bitzer Ecoline (Motor 2) with R-454C AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CDB-0300-LK[ ]	4HE-18	12410	N/A	54.1	10.8	138.5	175	27.1	5	69	90
CDB-0301-LK[ ]	4HE-18	13310	N/A	54.1	16.2	143.9	175	27.1	7.5	71.5	90
CDB-0440-LK[ ]	4GE-23	13310	N/A	57.7	16.2	152	200	28.8	7.5	75.3	100
CDB-0441-LK[ ]	4GE-23	13410	N/A	57.7	16.2	152	200	28.8	7.5	75.3	100
CDB-0540-LK[ ]	6HE-28	13410	N/A	77.6	16.2	196.8	250	38.8	7.5	97.8	125
CDB-0541-LK[ ]	6HE-28	22410	N/A	77.6	21.6	202.2	250	38.8	10	100.3	125
CDB-0600-LK[ ]	6GE-34	22310	N/A	84.6	21.6	218	300	42.3	10	108.2	150
CDB-0601-LK[ ]	6GE-34	23310	N/A	84.6	32.4	228.8	300	42.3	15	113.2	150
CDB-0602-LK[ ]	6GE-34	22410	N/A	84.6	21.6	218	300	42.3	10	108.2	150

CD Low Temperature Bitzer Ecoline (Motor 2) with R-454C Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[DE]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CDB-0300-LK[ ]	24.6 (7.2)	30.2 (8.9)	36.3 (10.6)	43.1 (12.6)	50.5 (14.8)	58.6 (17.2)	67.6 (19.8)	77.6 (22.7)	88.5 (25.9)
CDB-0301-LK[ ]	24.9 (7.3)	30.7 (9)	37 (10.8)	44 (12.9)	51.6 (15.1)	60.1 (17.6)	69.5 (20.4)	79.9 (23.4)	91.4 (26.8)
CDB-0440-LK[ ]	29.6 (8.7)	36.2 (10.6)	43.3 (12.7)	51.2 (15)	59.8 (17.5)	69.3 (20.3)	79.7 (23.4)	91.3 (26.8)	104 (30.5)
CDB-0441-LK[ ]	30 (8.8)	36.7 (10.8)	44 (12.9)	52 (15.2)	60.9 (17.8)	70.7 (20.7)	81.6 (23.9)	93.6 (27.4)	106.8 (31.3)
CDB-0540-LK[ ]	36.4 (10.7)	44.7 (13.1)	53.7 (15.7)	63.6 (18.6)	74.5 (21.8)	86.5 (25.4)	99.8 (29.2)	114.4 (33.5)	130.5 (38.2)
CDB-0541-LK[ ]	37.1 (10.9)	45.6 (13.4)	55 (16.1)	65.3 (19.1)	76.7 (22.5)	89.3 (26.2)	103.3 (30.3)	118.8 (34.8)	136 (39.9)
CDB-0600-LK[ ]	45 (13.2)	54.7 (16)	65 (19.1)	76.4 (22.4)	88.8 (26)	102.4 (30)	117.3 (34.4)	133.8 (39.2)	151.8 (44.5)
CDB-0601-LK[ ]	46.2 (13.5)	56.3 (16.5)	67.2 (19.7)	79.2 (23.2)	92.4 (27.1)	107 (31.4)	123.2 (36.1)	141.1 (41.4)	160.8 (47.1)
CDB-0602-LK[ ]	45.6 (13.4)	55.5 (16.3)	66.1 (19.4)	77.8 (22.8)	90.6 (26.6)	104.7 (30.7)	120.3 (35.3)	137.5 (40.3)	156.4 (45.8)

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

CD Low Temperature Bitzer Ecoline (Motor 2) with R-454C Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[DE]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CDB-0300-LK[ ]	21 (6.2)	26.1 (7.6)	31.6 (9.3)	37.7 (11)	44.4 (13)	51.8 (15.2)	60 (17.6)	69 (20.2)	79 (23.2)
CDB-0301-LK[ ]	21.4 (6.3)	26.6 (7.8)	32.3 (9.5)	38.5 (11.3)	45.5 (13.3)	53.2 (15.6)	61.7 (18.1)	71.2 (20.9)	81.8 (24)
CDB-0440-LK[ ]	25.7 (7.5)	31.6 (9.3)	38 (11.1)	45.1 (13.2)	52.8 (15.5)	61.4 (18)	70.9 (20.8)	81.4 (23.9)	93 (27.3)
CDB-0441-LK[ ]	26.1 (7.6)	32.1 (9.4)	38.7 (11.3)	45.9 (13.5)	53.9 (15.8)	62.7 (18.4)	72.6 (21.3)	83.6 (24.5)	95.7 (28)
CDB-0540-LK[ ]	31.1 (9.1)	38.6 (11.3)	46.7 (13.7)	55.6 (16.3)	65.5 (19.2)	76.4 (22.4)	88.5 (25.9)	101.9 (29.9)	116.7 (34.2)
CDB-0541-LK[ ]	31.7 (9.3)	39.5 (11.6)	47.9 (14)	57.2 (16.8)	67.5 (19.8)	79 (23.2)	91.8 (26.9)	106 (31.1)	121.8 (35.7)
CDB-0600-LK[ ]	39.2 (11.5)	47.9 (14)	57.3 (16.8)	67.5 (19.8)	78.6 (23)	91 (26.7)	104.5 (30.6)	119.5 (35)	136 (39.9)
CDB-0601-LK[ ]	40.4 (11.8)	49.4 (14.5)	59.3 (17.4)	70.1 (20.5)	82.1 (24.1)	95.3 (27.9)	110 (32.2)	126.4 (37)	144.5 (42.4)
CDB-0602-LK[ ]	39.8 (11.7)	48.7 (14.3)	58.3 (17.1)	68.8 (20.2)	80.4 (23.6)	93.2 (27.3)	107.4 (31.5)	123 (36)	140.3 (41.1)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CD Medium Temperature Copeland Discus with R-454A Electrical, Capacity, and Configuration Data

CD Medium Temperature Copeland Discus with R-454A AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CDD-0100-MD[ ]	2YC3R51KE	11210	N/A	20	5.4	56.4	70	9.4	2.5	26.7	35
CDD-0101-MD[ ]	2YC3R51KE	11410	N/A	20	5.4	56.4	70	9.4	2.5	26.7	35
CDD-0150-MD[ ]	2YL3R73KE	11410	N/A	28.3	5.4	75.1	100	12.4	2.5	33.4	45
CDD-0151-MD[ ]	2YL3R73KE	12210	N/A	28.3	10.8	80.5	100	12.4	5	35.9	45
CDD-0160-MD[ ]	2YA3R82KE	12210	N/A	28.7	10.8	81.4	110	12.6	5	36.4	45
CDD-0161-MD[ ]	2YA3R82KE	12310	N/A	28.7	10.8	81.4	110	12.6	5	36.4	45
CDD-0162-MD[ ]	2YA3R82KE	12410	N/A	28.7	10.8	81.4	110	12.6	5	36.4	45
CDD-0180-MD[ ]	3YA3R99KE	12210	N/A	36.8	10.8	99.6	125	17.9	5	48.3	60
CDD-0181-MD[ ]	3YA3R99KE	12410	N/A	36.8	10.8	99.6	125	17.9	5	48.3	60
CDD-0200-MD[ ]	3YB3R11ME	12310	N/A	39.1	10.8	104.8	125	17.9	5	48.3	60
CDD-0201-MD[ ]	3YB3R11ME	13310	N/A	39.1	16.2	110.2	150	17.9	7.5	50.8	60
CDD-0202-MD[ ]	3YB3R11ME	12410	N/A	39.1	10.8	104.8	125	17.9	5	48.3	60
CDD-0240-MD[ ]	3YF3R14ME	12410	N/A	42	10.8	111.3	150	21.2	5	55.7	70
CDD-0241-MD[ ]	3YF3R14ME	13310	N/A	42	16.2	116.7	150	21.2	7.5	58.2	70
CDD-0300-MD[ ]	3YS3R16ME	13310	N/A	53.5	16.2	142.6	175	26	7.5	69	90
CDD-0301-MD[ ]	3YS3R16ME	13410	N/A	53.5	16.2	142.6	175	26	7.5	69	90
CDD-0400-MD[ ]	4YBNR19ME	13310	N/A	64.7	16.2	167.8	225	32.4	7.5	83.4	110
CDD-0401-MD[ ]	4YBNR19ME	22310	N/A	64.7	21.6	173.2	225	32.4	10	85.9	110
CDD-0402-MD[ ]	4YBNR19ME	13410	N/A	64.7	16.2	167.8	225	32.4	7.5	83.4	110
CDD-0500-MD[ ]	4YHNR22ME	13410	N/A	66.8	16.2	172.5	225	33.4	7.5	85.7	110
CDD-0501-MD[ ]	4YHNR22ME	23310	N/A	66.8	32.4	188.7	250	33.4	15	93.2	125
CDD-0600-MD[ ]	4YJNR27ME	22410	N/A	94.6	21.6	240.5	300	47.3	10	119.4	150
CDD-0601-MD[ ]	4YJNR27ME	23310	N/A	94.6	32.4	251.3	300	47.3	15	124.4	150
CDD-0700-MD[ ]	6YHNR32ME	23310	N/A	112.3	32.4	291.1	400	56.2	15	144.5	200
CDD-0701-MD[ ]	6YHNR32ME	24310	N/A	112.3	43.2	301.9	400	56.2	20	149.5	200
CDD-0702-MD[ ]	6YHNR32ME	23410	N/A	112.3	32.4	291.1	400	56.2	15	144.5	200
CDD-0800-MD[ ]	6YJNR39ME	23410	N/A	128.2	32.4	326.9	450	64.1	15	162.2	225
CDD-0801-MD[ ]	6YJNR39ME	24410	N/A	128.2	43.2	337.7	450	64.1	20	167.2	225

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

CD Medium Temperature Copeland Discus with R-454A Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[DE]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CDD-0100-MD[ ]	27.7 (8.1)	31 (9.1)	34.5 (10.1)	38.2 (11.2)	42.1 (12.3)	46.3 (13.6)	50.7 (14.9)	55.3 (16.2)	60.2 (17.6)	65.3 (19.1)
CDD-0101-MD[ ]	29.4 (8.6)	33.1 (9.7)	37.1 (10.9)	41.4 (12.1)	46 (13.5)	50.9 (14.9)	56.2 (16.5)	61.8 (18.1)	67.9 (19.9)	74.3 (21.8)
CDD-0150-MD[ ]	40.6 (11.9)	45.5 (13.3)	50.8 (14.9)	56.3 (16.5)	62.3 (18.3)	68.6 (20.1)	75.2 (22)	82.2 (24.1)	89.6 (26.3)	97.3 (28.5)
CDD-0151-MD[ ]	41.3 (12.1)	46.4 (13.6)	51.9 (15.2)	57.7 (16.9)	63.9 (18.7)	70.5 (20.7)	77.5 (22.7)	84.9 (24.9)	92.7 (27.2)	100.9 (29.6)
CDD-0160-MD[ ]	46.1 (13.5)	51.7 (15.2)	57.7 (16.9)	64 (18.8)	70.8 (20.8)	77.9 (22.8)	85.5 (25.1)	93.4 (27.4)	101.8 (29.8)	110.5 (32.4)
CDD-0161-MD[ ]	47.7 (14)	53.7 (15.7)	60.1 (17.6)	66.9 (19.6)	74.3 (21.8)	82.1 (24.1)	90.4 (26.5)	99.2 (29.1)	108.6 (31.8)	118.5 (34.7)
CDD-0162-MD[ ]	48.4 (14.2)	54.5 (16)	61.1 (17.9)	68.2 (20)	75.8 (22.2)	83.9 (24.6)	92.5 (27.1)	101.7 (29.8)	111.5 (32.7)	121.9 (35.7)
CDD-0180-MD[ ]	54.8 (16.1)	61.2 (17.9)	67.9 (19.9)	75.1 (22)	82.7 (24.2)	90.7 (26.6)	99.2 (29.1)	108.2 (31.7)	117.6 (34.5)	127.5 (37.4)
CDD-0181-MD[ ]	58.1 (17)	65.2 (19.1)	72.9 (21.4)	81.1 (23.8)	89.8 (26.3)	99.2 (29.1)	109.2 (32)	119.9 (35.1)	131.3 (38.5)	143.4 (42)
CDD-0200-MD[ ]	66.2 (19.4)	74 (21.7)	82.4 (24.2)	91.3 (26.8)	100.7 (29.5)	110.8 (32.5)	121.5 (35.6)	132.9 (39)	144.9 (42.5)	157.6 (46.2)
CDD-0201-MD[ ]	68.8 (20.2)	77.3 (22.7)	86.3 (25.3)	96 (28.1)	106.4 (31.2)	117.6 (34.5)	129.6 (38)	142.3 (41.7)	155.9 (45.7)	170.4 (49.9)
CDD-0202-MD[ ]	67.6 (19.8)	75.7 (22.2)	84.4 (24.7)	93.7 (27.5)	103.7 (30.4)	114.3 (33.5)	125.6 (36.8)	137.7 (40.4)	150.5 (44.1)	164.2 (48.1)
CDD-0240-MD[ ]	79.2 (23.2)	88.5 (25.9)	98.4 (28.8)	109 (31.9)	120.3 (35.3)	132.3 (38.8)	145.1 (42.5)	158.7 (46.5)	173 (50.7)	188.2 (55.2)
CDD-0241-MD[ ]	81 (23.7)	90.7 (26.6)	101.1 (29.6)	112.3 (32.9)	124.2 (36.4)	136.9 (40.1)	150.6 (44.1)	165.1 (48.4)	180.5 (52.9)	196.9 (57.7)
CDD-0300-MD[ ]	89.2 (26.1)	99.8 (29.2)	111.1 (32.6)	123.2 (36.1)	136.1 (39.9)	149.9 (43.9)	164.6 (48.2)	180.3 (52.8)	196.9 (57.7)	214.4 (62.8)
CDD-0301-MD[ ]	90.8 (26.6)	101.7 (29.8)	113.5 (33.3)	126.1 (37)	139.6 (40.9)	154 (45.1)	169.5 (49.7)	186 (54.5)	203.5 (59.6)	222.2 (65.1)
CDD-0400-MD[ ]	107.3 (31.4)	119.7 (35.1)	133 (39)	147.1 (43.1)	162.1 (47.5)	178 (52.2)	194.8 (57.1)	212.7 (62.3)	231.4 (67.8)	251.2 (73.6)
CDD-0401-MD[ ]	110.7 (32.4)	124 (36.3)	138.2 (40.5)	153.3 (44.9)	169.6 (49.7)	186.9 (54.8)	205.4 (60.2)	225.1 (66)	245.9 (72.1)	268 (78.5)
CDD-0402-MD[ ]	109.7 (32.2)	122.7 (36)	136.5 (40)	151.4 (44.4)	167.2 (49)	184.1 (54)	202.1 (59.2)	221.2 (64.8)	241.4 (70.8)	262.7 (77)
CDD-0500-MD[ ]	124.8 (36.6)	139.4 (40.9)	154.9 (45.4)	171.4 (50.2)	188.9 (55.4)	207.5 (60.8)	227.3 (66.6)	248.1 (72.7)	270.1 (79.2)	293.2 (85.9)
CDD-0501-MD[ ]	131 (38.4)	146.9 (43.1)	164.1 (48.1)	182.5 (53.5)	202.3 (59.3)	223.5 (65.5)	246.1 (72.1)	270.4 (79.2)	296.2 (86.8)	323.7 (94.9)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

(continued from previous page)

Model	MBH (kW)[DE]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CDD-0600-MD[ ]	155.1 (45.5)	173.2 (50.8)	192.6 (56.4)	213.2 (62.5)	235.2 (68.9)	258.7 (75.8)	283.7 (83.1)	310.3 (90.9)	338.5 (99.2)	368.3 (107.9)
CDD-0601-MD[ ]	158.5 (46.5)	177.4 (52)	197.7 (57.9)	219.4 (64.3)	242.7 (71.1)	267.6 (78.4)	294.3 (86.3)	322.7 (94.6)	353 (103.5)	385.3 (112.9)
CDD-0700-MD[ ]	184.8 (54.2)	206.6 (60.6)	229.9 (67.4)	254.8 (74.7)	281.4 (82.5)	309.8 (90.8)	340.2 (99.7)	372.5 (109.2)	406.8 (119.2)	443.3 (129.9)
CDD-0701-MD[ ]	189.8 (55.6)	212.8 (62.4)	237.5 (69.6)	264 (77.4)	292.5 (85.7)	323 (94.7)	355.8 (104.3)	390.9 (114.6)	428.4 (125.6)	468.5 (137.3)
CDD-0702-MD[ ]	188.3 (55.2)	210.9 (61.8)	235.1 (68.9)	261.1 (76.5)	289 (84.7)	318.9 (93.5)	350.9 (102.8)	385.1 (112.9)	421.7 (123.6)	460.6 (135)
CDD-0800-MD[ ]	227.3 (66.6)	253.9 (74.4)	282.4 (82.8)	312.8 (91.7)	345.3 (101.2)	380.1 (111.4)	417.3 (122.3)	456.9 (133.9)	499.1 (146.3)	543.9 (159.4)
CDD-0801-MD[ ]	233.5 (68.4)	261.6 (76.7)	291.8 (85.5)	324.2 (95)	359 (105.2)	396.5 (116.2)	436.7 (128)	479.9 (140.7)	526.1 (154.2)	575.4 (168.6)

CD Medium Temperature Copeland Discus with R-454A Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[DE]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CDD-0100-MD[ ]	25.2 (7.4)	28.2 (8.3)	31.3 (9.2)	34.6 (10.1)	38.1 (11.2)	41.9 (12.3)	45.8 (13.4)	50 (14.7)	54.5 (16)	59.1 (17.3)
CDD-0101-MD[ ]	26.8 (7.9)	30.2 (8.9)	33.8 (9.9)	37.7 (11)	41.9 (12.3)	46.4 (13.6)	51.2 (15)	56.4 (16.5)	61.9 (18.1)	67.9 (19.9)
CDD-0150-MD[ ]	37 (10.8)	41.5 (12.2)	46.2 (13.5)	51.3 (15)	56.7 (16.6)	62.4 (18.3)	68.5 (20.1)	74.9 (22)	81.7 (23.9)	88.8 (26)
CDD-0151-MD[ ]	37.7 (11)	42.3 (12.4)	47.3 (13.9)	52.6 (15.4)	58.2 (17.1)	64.3 (18.8)	70.7 (20.7)	77.5 (22.7)	84.7 (24.8)	92.3 (27.1)
CDD-0160-MD[ ]	42 (12.3)	47.1 (13.8)	52.6 (15.4)	58.3 (17.1)	64.5 (18.9)	71 (20.8)	77.9 (22.8)	85.2 (25)	92.9 (27.2)	101 (29.6)
CDD-0161-MD[ ]	43.6 (12.8)	49 (14.4)	54.9 (16.1)	61.2 (17.9)	67.9 (19.9)	75.1 (22)	82.8 (24.3)	90.9 (26.6)	99.6 (29.2)	108.7 (31.9)
CDD-0162-MD[ ]	44.2 (13)	49.8 (14.6)	55.9 (16.4)	62.4 (18.3)	69.4 (20.3)	76.8 (22.5)	84.8 (24.9)	93.4 (27.4)	102.5 (30)	112.1 (32.9)
CDD-0180-MD[ ]	49.8 (14.6)	55.6 (16.3)	61.7 (18.1)	68.2 (20)	75.1 (22)	82.4 (24.2)	90.2 (26.4)	98.4 (28.8)	107 (31.4)	116.1 (34)
CDD-0181-MD[ ]	53 (15.5)	59.6 (17.5)	66.6 (19.5)	74.1 (21.7)	82.1 (24.1)	90.8 (26.6)	100 (29.3)	109.9 (32.2)	120.5 (35.3)	131.8 (38.6)
CDD-0200-MD[ ]	60.3 (17.7)	67.4 (19.8)	75 (22)	83.1 (24.4)	91.7 (26.9)	101 (29.6)	110.8 (32.5)	121.2 (35.5)	132.3 (38.8)	144 (42.2)
CDD-0201-MD[ ]	62.9 (18.4)	70.6 (20.7)	78.9 (23.1)	87.8 (25.7)	97.4 (28.5)	107.7 (31.6)	118.7 (34.8)	130.6 (38.3)	143.2 (42)	156.7 (45.9)
CDD-0202-MD[ ]	61.6 (18.1)	69.1 (20.3)	77 (22.6)	85.5 (25.1)	94.6 (27.7)	104.4 (30.6)	114.8 (33.6)	126 (36.9)	137.8 (40.4)	150.5 (44.1)
CDD-0240-MD[ ]	72.2 (21.2)	80.7 (23.7)	89.7 (26.3)	99.4 (29.1)	109.7 (32.2)	120.7 (35.4)	132.4 (38.8)	144.8 (42.4)	158.1 (46.3)	172.1 (50.4)
CDD-0241-MD[ ]	74 (21.7)	82.8 (24.3)	92.4 (27.1)	102.6 (30.1)	113.5 (33.3)	125.2 (36.7)	137.8 (40.4)	151.2 (44.3)	165.5 (48.5)	180.7 (53)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

(continued from previous page)

Model	MBH (kW)[DE]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CDD-0300-MD[ ]	81.4 (23.9)	91 (26.7)	101.4 (29.7)	112.4 (32.9)	124.3 (36.4)	136.9 (40.1)	150.4 (44.1)	164.8 (48.3)	180.2 (52.8)	196.4 (57.6)
CDD-0301-MD[ ]	82.9 (24.3)	93 (27.3)	103.7 (30.4)	115.3 (33.8)	127.7 (37.4)	141 (41.3)	155.3 (45.5)	170.5 (50)	186.8 (54.7)	204.1 (59.8)
CDD-0400-MD[ ]	97.7 (28.6)	109 (31.9)	121 (35.5)	133.9 (39.2)	147.6 (43.3)	162.1 (47.5)	177.5 (52)	193.8 (56.8)	211.1 (61.9)	229.2 (67.2)
CDD-0401-MD[ ]	101.1 (29.6)	113.2 (33.2)	126.2 (37)	140.1 (41.1)	154.9 (45.4)	170.9 (50.1)	187.9 (55.1)	206 (60.4)	225.3 (66)	245.8 (72)
CDD-0402-MD[ ]	100 (29.3)	111.9 (32.8)	124.6 (36.5)	138.1 (40.5)	152.6 (44.7)	168.1 (49.3)	184.6 (54.1)	202.2 (59.3)	220.8 (64.7)	240.5 (70.5)
CDD-0500-MD[ ]	113.8 (33.4)	127 (37.2)	141.1 (41.4)	156.1 (45.8)	172 (50.4)	189 (55.4)	207 (60.7)	226.1 (66.3)	246.2 (72.2)	267.4 (78.4)
CDD-0501-MD[ ]	119.8 (35.1)	134.4 (39.4)	150.2 (44)	167.1 (49)	185.3 (54.3)	204.8 (60)	225.8 (66.2)	248.2 (72.7)	272.1 (79.7)	297.6 (87.2)
CDD-0600-MD[ ]	141.6 (41.5)	158.1 (46.3)	175.7 (51.5)	194.4 (57)	214.5 (62.9)	235.9 (69.1)	258.7 (75.8)	283.1 (83)	308.9 (90.5)	336.3 (98.6)
CDD-0601-MD[ ]	144.9 (42.5)	162.2 (47.5)	180.7 (53)	200.5 (58.8)	221.8 (65)	244.7 (71.7)	269.2 (78.9)	295.4 (86.6)	323.3 (94.8)	353.1 (103.5)
CDD-0700-MD[ ]	168.6 (49.4)	188.3 (55.2)	209.5 (61.4)	232.2 (68.1)	256.5 (75.2)	282.4 (82.8)	310.2 (90.9)	339.9 (99.6)	371.5 (108.9)	405.1 (118.7)
CDD-0701-MD[ ]	173.5 (50.8)	194.5 (57)	217 (63.6)	241.3 (70.7)	267.4 (78.4)	295.6 (86.6)	325.8 (95.5)	358.2 (105)	393 (115.2)	430.1 (126.1)
CDD-0702-MD[ ]	171.9 (50.4)	192.5 (56.4)	214.7 (62.9)	238.4 (69.9)	264 (77.4)	291.4 (85.4)	320.9 (94.1)	352.5 (103.3)	386.2 (113.2)	422.3 (123.8)
CDD-0800-MD[ ]	207.7 (60.9)	231.9 (68)	257.8 (75.6)	285.5 (83.7)	315.1 (92.4)	346.9 (101.7)	380.9 (111.6)	417.2 (122.3)	455.9 (133.6)	497.2 (145.7)
CDD-0801-MD[ ]	213.8 (62.7)	239.4 (70.2)	267 (78.3)	296.7 (87)	328.7 (96.3)	363.1 (106.4)	400.1 (117.3)	439.9 (128.9)	482.6 (141.4)	528.3 (154.8)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CD Medium Temperature Copeland Discus with R-454C Electrical, Capacity, and Configuration Data

CD Medium Temperature Copeland Discus with R-454C AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CDD-0100-MK[ ]	2YC3R51KE	11210	N/A	20	5.4	56.4	70	9.4	2.5	26.7	35
CDD-0101-MK[ ]	2YC3R51KE	11410	N/A	20	5.4	56.4	70	9.4	2.5	26.7	35
CDD-0150-MK[ ]	2YL3R73KE	11410	N/A	28.3	5.4	75.1	100	12.4	2.5	33.4	45
CDD-0151-MK[ ]	2YL3R73KE	12210	N/A	28.3	10.8	80.5	100	12.4	5	35.9	45
CDD-0160-MK[ ]	2YA3R82KE	12210	N/A	28.7	10.8	81.4	110	12.6	5	36.4	45
CDD-0161-MK[ ]	2YA3R82KE	12310	N/A	28.7	10.8	81.4	110	12.6	5	36.4	45
CDD-0162-MK[ ]	2YA3R82KE	12410	N/A	28.7	10.8	81.4	110	12.6	5	36.4	45
CDD-0180-MK[ ]	3YA3R99KE	12210	N/A	36.8	10.8	99.6	125	17.9	5	48.3	60
CDD-0181-MK[ ]	3YA3R99KE	12410	N/A	36.8	10.8	99.6	125	17.9	5	48.3	60
CDD-0200-MK[ ]	3YB3R11ME	12310	N/A	39.1	10.8	104.8	125	17.9	5	48.3	60
CDD-0201-MK[ ]	3YB3R11ME	13310	N/A	39.1	16.2	110.2	150	17.9	7.5	50.8	60
CDD-0202-MK[ ]	3YB3R11ME	12410	N/A	39.1	10.8	104.8	125	17.9	5	48.3	60
CDD-0240-MK[ ]	3YF3R14ME	12410	N/A	42	10.8	111.3	150	21.2	5	55.7	70
CDD-0241-MK[ ]	3YF3R14ME	13310	N/A	42	16.2	116.7	150	21.2	7.5	58.2	70
CDD-0300-MK[ ]	3YS3R16ME	13310	N/A	53.5	16.2	142.6	175	26	7.5	69	90
CDD-0301-MK[ ]	3YS3R16ME	13410	N/A	53.5	16.2	142.6	175	26	7.5	69	90
CDD-0400-MK[ ]	4YBNR19ME	13310	N/A	64.7	16.2	167.8	225	32.4	7.5	83.4	110
CDD-0401-MK[ ]	4YBNR19ME	22310	N/A	64.7	21.6	173.2	225	32.4	10	85.9	110
CDD-0402-MK[ ]	4YBNR19ME	13410	N/A	64.7	16.2	167.8	225	32.4	7.5	83.4	110
CDD-0500-MK[ ]	4YHNR22ME	13410	N/A	66.8	16.2	172.5	225	33.4	7.5	85.7	110
CDD-0501-MK[ ]	4YHNR22ME	23310	N/A	66.8	32.4	188.7	250	33.4	15	93.2	125
CDD-0600-MK[ ]	4YJNR27ME	22410	N/A	94.6	21.6	240.5	300	47.3	10	119.4	150
CDD-0601-MK[ ]	4YJNR27ME	23310	N/A	94.6	32.4	251.3	300	47.3	15	124.4	150
CDD-0700-MK[ ]	6YHNR32ME	23310	N/A	112.3	32.4	291.1	400	56.2	15	144.5	200
CDD-0701-MK[ ]	6YHNR32ME	24310	N/A	112.3	43.2	301.9	400	56.2	20	149.5	200
CDD-0702-MK[ ]	6YHNR32ME	23410	N/A	112.3	32.4	291.1	400	56.2	15	144.5	200
CDD-0800-MK[ ]	6YJNR39ME	23410	N/A	128.2	32.4	326.9	450	64.1	15	162.2	225
CDD-0801-MK[ ]	6YJNR39ME	24410	N/A	128.2	43.2	337.7	450	64.1	20	167.2	225

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

CD Medium Temperature Copeland Discus with R-454C Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[DE]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CDD-0100-MK[ ]	24.3 (7.1)	27.3 (8)	30.5 (8.9)	33.8 (9.9)	37.4 (11)	41.2 (12.1)	45.3 (13.3)	49.5 (14.5)	54 (15.8)	58.7 (17.2)
CDD-0101-MK[ ]	25.6 (7.5)	28.9 (8.5)	32.5 (9.5)	36.3 (10.6)	40.4 (11.8)	44.8 (13.1)	49.6 (14.5)	54.6 (16)	60 (17.6)	65.7 (19.3)
CDD-0150-MK[ ]	35.7 (10.5)	40.1 (11.8)	44.7 (13.1)	49.7 (14.6)	55 (16.1)	60.7 (17.8)	66.7 (19.5)	73.2 (21.5)	80.1 (23.5)	87.4 (25.6)
CDD-0151-MK[ ]	36.3 (10.6)	40.8 (12)	45.6 (13.4)	50.7 (14.9)	56.2 (16.5)	62.1 (18.2)	68.5 (20.1)	75.3 (22.1)	82.5 (24.2)	90.3 (26.5)
CDD-0160-MK[ ]	40.5 (11.9)	45.5 (13.3)	50.8 (14.9)	56.4 (16.5)	62.4 (18.3)	68.9 (20.2)	75.8 (22.2)	83.1 (24.4)	90.9 (26.6)	99.2 (29.1)
CDD-0161-MK[ ]	41.7 (12.2)	47 (13.8)	52.6 (15.4)	58.6 (17.2)	65.1 (19.1)	72.1 (21.1)	79.5 (23.3)	87.6 (25.7)	96.1 (28.2)	105.3 (30.9)
CDD-0162-MK[ ]	42.2 (12.4)	47.6 (14)	53.4 (15.7)	59.6 (17.5)	66.2 (19.4)	73.4 (21.5)	81.2 (23.8)	89.5 (26.2)	98.4 (28.8)	108 (31.7)
CDD-0180-MK[ ]	48 (14.1)	53.7 (15.7)	59.9 (17.6)	66.4 (19.5)	73.3 (21.5)	80.7 (23.7)	88.5 (25.9)	96.8 (28.4)	105.5 (30.9)	114.7 (33.6)
CDD-0181-MK[ ]	50.5 (14.8)	56.8 (16.6)	63.6 (18.6)	71 (20.8)	78.8 (23.1)	87.2 (25.6)	96.2 (28.2)	105.8 (31)	116 (34)	126.8 (37.2)
CDD-0200-MK[ ]	58 (17)	65 (19.1)	72.4 (21.2)	80.5 (23.6)	89 (26.1)	98.2 (28.8)	107.9 (31.6)	118.4 (34.7)	129.4 (37.9)	141.2 (41.4)
CDD-0201-MK[ ]	60 (17.6)	67.4 (19.8)	75.4 (22.1)	84.1 (24.6)	93.4 (27.4)	103.4 (30.3)	114.1 (33.4)	125.6 (36.8)	137.9 (40.4)	151.1 (44.3)
CDD-0202-MK[ ]	59 (17.3)	66.2 (19.4)	74 (21.7)	82.3 (24.1)	91.3 (26.8)	100.8 (29.5)	111.1 (32.6)	122.1 (35.8)	133.8 (39.2)	146.3 (42.9)
CDD-0240-MK[ ]	69.3 (20.3)	77.6 (22.7)	86.6 (25.4)	96.2 (28.2)	106.4 (31.2)	117.4 (34.4)	129.1 (37.8)	141.5 (41.5)	154.8 (45.4)	168.8 (49.5)
CDD-0241-MK[ ]	70.6 (20.7)	79.3 (23.2)	88.6 (26)	98.7 (28.9)	109.4 (32.1)	120.9 (35.4)	133.3 (39.1)	146.4 (42.9)	160.5 (47)	175.4 (51.4)
CDD-0300-MK[ ]	77.9 (22.8)	87.4 (25.6)	97.6 (28.6)	108.6 (31.8)	120.3 (35.3)	132.8 (38.9)	146.1 (42.8)	160.3 (47)	175.4 (51.4)	191.3 (56.1)
CDD-0301-MK[ ]	79.2 (23.2)	88.9 (26.1)	99.5 (29.2)	110.8 (32.5)	122.9 (36)	135.9 (39.8)	149.8 (43.9)	164.7 (48.3)	180.4 (52.9)	197.2 (57.8)
CDD-0400-MK[ ]	94.3 (27.6)	105.5 (30.9)	117.4 (34.4)	130.2 (38.2)	143.8 (42.1)	158.3 (46.4)	173.7 (50.9)	190.1 (55.7)	207.5 (60.8)	225.8 (66.2)
CDD-0401-MK[ ]	96.9 (28.4)	108.7 (31.9)	121.4 (35.6)	135 (39.6)	149.5 (43.8)	165.1 (48.4)	181.7 (53.3)	199.5 (58.5)	218.4 (64)	238.5 (69.9)
CDD-0402-MK[ ]	96.1 (28.2)	107.7 (31.6)	120.1 (35.2)	133.5 (39.1)	147.7 (43.3)	163 (47.8)	179.2 (52.5)	196.5 (57.6)	214.9 (63)	234.5 (68.7)
CDD-0500-MK[ ]	109.7 (32.2)	122.7 (36)	136.7 (40.1)	151.6 (44.4)	167.5 (49.1)	184.4 (54)	202.5 (59.3)	221.7 (65)	242 (70.9)	263.4 (77.2)
CDD-0501-MK[ ]	114.4 (33.5)	128.5 (37.7)	143.7 (42.1)	160 (46.9)	177.6 (52.1)	196.4 (57.6)	216.7 (63.5)	238.4 (69.9)	261.5 (76.6)	286.2 (83.9)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

(continued from previous page)

Model	MBH (kW)[DE]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CDD-0600-MK[ ]	136.5 (40)	152.7 (44.8)	170.1 (49.9)	188.7 (55.3)	208.6 (61.1)	229.9 (67.4)	252.5 (74)	276.6 (81.1)	302.2 (88.6)	329.4 (96.5)
CDD-0601-MK[ ]	139.1 (40.8)	155.9 (45.7)	174 (51)	193.4 (56.7)	214.3 (62.8)	236.6 (69.3)	260.5 (76.3)	286 (83.8)	313.2 (91.8)	342.2 (100.3)
CDD-0700-MK[ ]	161.5 (47.3)	181.1 (53.1)	202.2 (59.3)	224.9 (65.9)	249.1 (73)	275.1 (80.6)	302.8 (88.7)	332.3 (97.4)	363.7 (106.6)	397 (116.4)
CDD-0701-MK[ ]	165.4 (48.5)	185.9 (54.5)	208.1 (61)	232 (68)	257.6 (75.5)	285.2 (83.6)	314.7 (92.2)	346.3 (101.5)	380.1 (111.4)	416 (121.9)
CDD-0702-MK[ ]	164.2 (48.1)	184.4 (54)	206.3 (60.5)	229.8 (67.4)	255 (74.7)	282 (82.6)	311 (91.1)	342 (100.2)	375 (109.9)	410.1 (120.2)
CDD-0800-MK[ ]	200.5 (58.8)	224.2 (65.7)	249.7 (73.2)	276.9 (81.2)	306.2 (89.7)	337.5 (98.9)	371.1 (108.8)	407 (119.3)	445.3 (130.5)	486.2 (142.5)
CDD-0801-MK[ ]	205.3 (60.2)	230.2 (67.5)	256.9 (75.3)	285.6 (83.7)	316.6 (92.8)	349.9 (102.5)	385.8 (113.1)	424.4 (124.4)	465.7 (136.5)	510 (149.5)

CD Medium Temperature Copeland Discus with R-454C Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[DE]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CDD-0100-MK[ ]	22.1 (6.5)	24.7 (7.2)	27.6 (8.1)	30.6 (9)	33.9 (9.9)	37.3 (10.9)	41 (12)	44.9 (13.2)	49 (14.4)	53.3 (15.6)
CDD-0101-MK[ ]	23.3 (6.8)	26.3 (7.7)	29.5 (8.6)	33 (9.7)	36.8 (10.8)	40.8 (12)	45.2 (13.2)	49.8 (14.6)	54.8 (16.1)	60.1 (17.6)
CDD-0150-MK[ ]	32.5 (9.5)	36.5 (10.7)	40.7 (11.9)	45.2 (13.2)	50.1 (14.7)	55.2 (16.2)	60.8 (17.8)	66.7 (19.5)	73.1 (21.4)	79.8 (23.4)
CDD-0151-MK[ ]	33 (9.7)	37.1 (10.9)	41.5 (12.2)	46.2 (13.5)	51.2 (15)	56.7 (16.6)	62.5 (18.3)	68.7 (20.1)	75.4 (22.1)	82.6 (24.2)
CDD-0160-MK[ ]	36.9 (10.8)	41.4 (12.1)	46.3 (13.6)	51.4 (15.1)	56.9 (16.7)	62.8 (18.4)	69.2 (20.3)	75.9 (22.2)	83.1 (24.4)	90.8 (26.6)
CDD-0161-MK[ ]	38.1 (11.2)	42.9 (12.6)	48 (14.1)	53.6 (15.7)	59.5 (17.4)	65.9 (19.3)	72.8 (21.3)	80.3 (23.5)	88.2 (25.8)	96.8 (28.4)
CDD-0162-MK[ ]	38.6 (11.3)	43.5 (12.7)	48.8 (14.3)	54.5 (16)	60.6 (17.8)	67.3 (19.7)	74.4 (21.8)	82.1 (24.1)	90.4 (26.5)	99.4 (29.1)
CDD-0180-MK[ ]	43.6 (12.8)	48.8 (14.3)	54.4 (15.9)	60.3 (17.7)	66.7 (19.5)	73.5 (21.5)	80.6 (23.6)	88.2 (25.8)	96.3 (28.2)	104.8 (30.7)
CDD-0181-MK[ ]	46 (13.5)	51.8 (15.2)	58 (17)	64.8 (19)	72 (21.1)	79.8 (23.4)	88.1 (25.8)	97 (28.4)	106.5 (31.2)	116.7 (34.2)
CDD-0200-MK[ ]	52.8 (15.5)	59.1 (17.3)	66 (19.3)	73.3 (21.5)	81.1 (23.8)	89.5 (26.2)	98.5 (28.9)	108.1 (31.7)	118.4 (34.7)	129.3 (37.9)
CDD-0201-MK[ ]	54.7 (16)	61.5 (18)	68.9 (20.2)	76.8 (22.5)	85.4 (25)	94.6 (27.7)	104.6 (30.7)	115.3 (33.8)	126.7 (37.1)	139 (40.7)
CDD-0202-MK[ ]	53.8 (15.8)	60.4 (17.7)	67.5 (19.8)	75.1 (22)	83.3 (24.4)	92.1 (27)	101.6 (29.8)	111.8 (32.8)	122.7 (36)	134.3 (39.4)
CDD-0240-MK[ ]	63 (18.5)	70.6 (20.7)	78.8 (23.1)	87.6 (25.7)	97 (28.4)	107.1 (31.4)	117.9 (34.6)	129.4 (37.9)	141.7 (41.5)	154.7 (45.3)
CDD-0241-MK[ ]	64.4 (18.9)	72.3 (21.2)	80.9 (23.7)	90.1 (26.4)	100 (29.3)	110.6 (32.4)	122.1 (35.8)	134.3 (39.4)	147.4 (43.2)	161.3 (47.3)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

(continued from previous page)

Model	MBH (kW)[DE]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CDD-0300-MK[ ]	71 (20.8)	79.7 (23.4)	89 (26.1)	99.1 (29)	109.8 (32.2)	121.4 (35.6)	133.7 (39.2)	146.9 (43.1)	160.9 (47.2)	175.7 (51.5)
CDD-0301-MK[ ]	72.2 (21.2)	81.2 (23.8)	90.8 (26.6)	101.3 (29.7)	112.5 (33)	124.5 (36.5)	137.4 (40.3)	151.2 (44.3)	165.9 (48.6)	181.6 (53.2)
CDD-0400-MK[ ]	85.8 (25.1)	96 (28.1)	106.9 (31.3)	118.6 (34.8)	131.1 (38.4)	144.4 (42.3)	158.6 (46.5)	173.8 (50.9)	189.8 (55.6)	206.8 (60.6)
CDD-0401-MK[ ]	88.4 (25.9)	99.2 (29.1)	110.8 (32.5)	123.3 (36.1)	136.7 (40.1)	151.1 (44.3)	166.5 (48.8)	183 (53.6)	200.6 (58.8)	219.3 (64.3)
CDD-0402-MK[ ]	87.6 (25.7)	98.2 (28.8)	109.6 (32.1)	121.8 (35.7)	134.9 (39.5)	149 (43.7)	164 (48.1)	180.1 (52.8)	197.2 (57.8)	215.3 (63.1)
CDD-0500-MK[ ]	100 (29.3)	111.8 (32.8)	124.6 (36.5)	138.2 (40.5)	152.8 (44.8)	168.4 (49.4)	185 (54.2)	202.7 (59.4)	221.5 (64.9)	241.3 (70.7)
CDD-0501-MK[ ]	104.5 (30.6)	117.5 (34.4)	131.4 (38.5)	146.5 (42.9)	162.8 (47.7)	180.3 (52.8)	199.1 (58.4)	219.3 (64.3)	240.9 (70.6)	263.9 (77.3)
CDD-0600-MK[ ]	124.5 (36.5)	139.3 (40.8)	155.1 (45.5)	172.2 (50.5)	190.4 (55.8)	209.9 (61.5)	230.8 (67.6)	253 (74.2)	276.7 (81.1)	301.8 (88.5)
CDD-0601-MK[ ]	127 (37.2)	142.4 (41.7)	159 (46.6)	176.8 (51.8)	196 (57.4)	216.6 (63.5)	238.7 (70)	262.3 (76.9)	287.6 (84.3)	314.5 (92.2)
CDD-0700-MK[ ]	146.9 (43.1)	164.7 (48.3)	184 (53.9)	204.7 (60)	227 (66.5)	250.9 (73.5)	276.5 (81)	303.8 (89)	333 (97.6)	363.9 (106.7)
CDD-0701-MK[ ]	150.7 (44.2)	169.4 (49.6)	189.7 (55.6)	211.7 (62)	235.4 (69)	260.9 (76.5)	288.4 (84.5)	317.8 (93.1)	349.4 (102.4)	383 (112.3)
CDD-0702-MK[ ]	149.5 (43.8)	168 (49.2)	187.9 (55.1)	209.5 (61.4)	232.8 (68.2)	257.8 (75.6)	284.7 (83.4)	313.4 (91.9)	344.2 (100.9)	377 (110.5)
CDD-0800-MK[ ]	182.8 (53.6)	204.5 (59.9)	227.7 (66.7)	252.6 (74)	279.4 (81.9)	308.2 (90.3)	339.1 (99.4)	372.3 (109.1)	407.8 (119.5)	445.7 (130.6)
CDD-0801-MK[ ]	187.6 (55)	210.3 (61.6)	234.8 (68.8)	261.3 (76.6)	289.8 (84.9)	320.6 (94)	353.8 (103.7)	389.6 (114.2)	428.1 (125.5)	469.4 (137.6)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CD Low Temperature Copeland Discus with R-454A Electrical, Capacity, and Configuration Data

CD Low Temperature Copeland Discus with R-454A AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CDD-0300-LD[ ]	4YKNF46KE	12410	N/A	47.2	10.8	123	150	23.6	5	61.1	80
CDD-0301-LD[ ]	4YKNF46KE	13310	N/A	47.2	16.2	128.4	175	23.6	7.5	63.6	80
CDD-0440-LD[ ]	4YJNF59KE	13310	N/A	57.7	16.2	152	200	28.8	7.5	75.3	100
CDD-0441-LD[ ]	4YJNF59KE	13410	N/A	57.7	16.2	152	200	28.8	7.5	75.3	100
CDD-0540-LD[ ]	6YHNF68KE	13410	N/A	72.4	16.2	185.1	250	36.2	7.5	92	125
CDD-0541-LD[ ]	6YHNF68KE	22410	N/A	72.4	21.6	190.5	250	36.2	10	94.5	125
CDD-0600-LD[ ]	6YJNF84KE	22310	N/A	85.8	21.6	220.7	300	42.9	10	109.5	150
CDD-0601-LD[ ]	6YJNF84KE	23310	N/A	85.8	32.4	231.5	300	42.9	15	114.5	150
CDD-0602-LD[ ]	6YJNF84KE	22410	N/A	85.8	21.6	220.7	300	42.9	10	109.5	150

CD Low Temperature Copeland Discus with R-454A Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[DE]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CDD-0300-LD[ ]	38.9 (11.4)	46 (13.5)	54 (15.8)	62.7 (18.4)	72.1 (21.1)	82.2 (24.1)	93 (27.3)	104.5 (30.6)	116.5 (34.1)
CDD-0301-LD[ ]	39.5 (11.6)	46.9 (13.7)	55.1 (16.1)	64.1 (18.8)	73.9 (21.7)	84.5 (24.8)	95.8 (28.1)	107.8 (31.6)	120.5 (35.3)
CDD-0440-LD[ ]	48.9 (14.3)	57.6 (16.9)	67.3 (19.7)	78 (22.9)	89.6 (26.3)	102.2 (30)	115.5 (33.9)	129.8 (38)	144.8 (42.4)
CDD-0441-LD[ ]	49.6 (14.5)	58.6 (17.2)	68.6 (20.1)	79.6 (23.3)	91.6 (26.8)	104.6 (30.7)	118.5 (34.7)	133.4 (39.1)	149.2 (43.7)
CDD-0540-LD[ ]	58 (17)	68.5 (20.1)	80.1 (23.5)	92.8 (27.2)	106.6 (31.2)	121.5 (35.6)	137.4 (40.3)	154.3 (45.2)	172.2 (50.5)
CDD-0541-LD[ ]	59.3 (17.4)	70.1 (20.5)	82.2 (24.1)	95.4 (28)	109.9 (32.2)	125.6 (36.8)	142.5 (41.8)	160.6 (47.1)	179.8 (52.7)
CDD-0600-LD[ ]	71.3 (20.9)	83.8 (24.6)	97.8 (28.7)	113 (33.1)	129.7 (38)	147.5 (43.2)	166.7 (48.9)	187 (54.8)	208.4 (61.1)
CDD-0601-LD[ ]	73.6 (21.6)	86.8 (25.4)	101.5 (29.7)	117.8 (34.5)	135.7 (39.8)	155 (45.4)	175.8 (51.5)	198.1 (58.1)	221.9 (65)
CDD-0602-LD[ ]	72.5 (21.2)	85.3 (25)	99.7 (29.2)	115.5 (33.9)	132.7 (38.9)	151.4 (44.4)	171.3 (50.2)	192.7 (56.5)	215.3 (63.1)

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

CD Low Temperature Copeland Discus with R-454A Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[DE]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CDD-0300-LD[ ]	34.6 (10.1)	41.2 (12.1)	48.5 (14.2)	56.6 (16.6)	65.3 (19.1)	74.7 (21.9)	84.7 (24.8)	95.3 (27.9)	106.4 (31.2)
CDD-0301-LD[ ]	35.2 (10.3)	42 (12.3)	49.6 (14.5)	57.9 (17)	67 (19.6)	76.8 (22.5)	87.3 (25.6)	98.5 (28.9)	110.3 (32.3)
CDD-0440-LD[ ]	43.7 (12.8)	51.8 (15.2)	60.7 (17.8)	70.6 (20.7)	81.3 (23.8)	92.9 (27.2)	105.3 (30.9)	118.5 (34.7)	132.4 (38.8)
CDD-0441-LD[ ]	44.4 (13)	52.7 (15.4)	61.9 (18.1)	72 (21.1)	83.1 (24.4)	95.2 (27.9)	108.1 (31.7)	121.9 (35.7)	136.6 (40)
CDD-0540-LD[ ]	51.9 (15.2)	61.5 (18)	72.3 (21.2)	84 (24.6)	96.8 (28.4)	110.5 (32.4)	125.2 (36.7)	140.9 (41.3)	157.4 (46.1)
CDD-0541-LD[ ]	53.1 (15.6)	63.1 (18.5)	74.2 (21.7)	86.5 (25.4)	99.9 (29.3)	114.5 (33.6)	130.1 (38.1)	146.8 (43)	164.6 (48.2)
CDD-0600-LD[ ]	63.9 (18.7)	75.4 (22.1)	88.2 (25.8)	102.4 (30)	117.7 (34.5)	134.3 (39.4)	152 (44.5)	170.8 (50.1)	190.7 (55.9)
CDD-0601-LD[ ]	66 (19.3)	78.2 (22.9)	91.8 (26.9)	106.9 (31.3)	123.4 (36.2)	141.4 (41.4)	160.7 (47.1)	181.5 (53.2)	203.6 (59.7)
CDD-0602-LD[ ]	65 (19.1)	76.8 (22.5)	90.1 (26.4)	104.7 (30.7)	120.6 (35.3)	137.9 (40.4)	156.4 (45.8)	176.2 (51.6)	197.2 (57.8)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CD Low Temperature Copeland Discus with R-454C Electrical, Capacity, and Configuration Data

CD Low Temperature Copeland Discus with R-454C AWEF and Electrical Data

Model	Compressor[1]	Condenser	Outdoor AWEF	208–230/3/60				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CDD-0300-LK[ ]	4YKNF46KE	12410	N/A	47.2	10.8	123	150	23.6	5	61.1	80
CDD-0301-LK[ ]	4YKNF46KE	13310	N/A	47.2	16.2	128.4	175	23.6	7.5	63.6	80
CDD-0440-LK[ ]	4YJNF59KE	13310	N/A	57.7	16.2	152	200	28.8	7.5	75.3	100
CDD-0441-LK[ ]	4YJNF59KE	13410	N/A	57.7	16.2	152	200	28.8	7.5	75.3	100
CDD-0540-LK[ ]	6YHNF68KE	13410	N/A	72.4	16.2	185.1	250	36.2	7.5	92	125
CDD-0541-LK[ ]	6YHNF68KE	22410	N/A	72.4	21.6	190.5	250	36.2	10	94.5	125
CDD-0600-LK[ ]	6YJNF84KE	22310	N/A	85.8	21.6	220.7	300	42.9	10	109.5	150
CDD-0601-LK[ ]	6YJNF84KE	23310	N/A	85.8	32.4	231.5	300	42.9	15	114.5	150
CDD-0602-LK[ ]	6YJNF84KE	22410	N/A	85.8	21.6	220.7	300	42.9	10	109.5	150

CD Low Temperature Copeland Discus with R-454C Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[BD]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CDD-0300-LK[ ]	34.2 (10)	40.5 (11.9)	47.5 (13.9)	55.2 (16.2)	63.6 (18.6)	72.8 (21.3)	82.5 (24.2)	93 (27.3)	104 (30.5)
CDD-0301-LK[ ]	34.7 (10.2)	41.1 (12)	48.3 (14.2)	56.3 (16.5)	65 (19.1)	74.5 (21.8)	84.6 (24.8)	95.5 (28)	107.1 (31.4)
CDD-0440-LK[ ]	42.6 (12.5)	50.3 (14.7)	58.9 (17.3)	68.4 (20)	78.8 (23.1)	90 (26.4)	102 (29.9)	114.8 (33.6)	128.3 (37.6)
CDD-0441-LK[ ]	43.2 (12.7)	51 (14.9)	59.9 (17.6)	69.6 (20.4)	80.3 (23.5)	91.9 (26.9)	104.3 (30.6)	117.6 (34.5)	131.7 (38.6)
CDD-0540-LK[ ]	50.6 (14.8)	59.7 (17.5)	69.9 (20.5)	81.2 (23.8)	93.5 (27.4)	106.7 (31.3)	121 (35.5)	136.2 (39.9)	152.3 (44.6)
CDD-0541-LK[ ]	51.5 (15.1)	61 (17.9)	71.5 (21)	83.2 (24.4)	96 (28.1)	109.9 (32.2)	124.9 (36.6)	140.9 (41.3)	158 (46.3)
CDD-0600-LK[ ]	62.3 (18.3)	73.4 (21.5)	85.7 (25.1)	99.3 (29.1)	114.1 (33.4)	130 (38.1)	147.2 (43.1)	165.5 (48.5)	184.9 (54.2)
CDD-0601-LK[ ]	64 (18.8)	75.6 (22.2)	88.6 (26)	102.9 (30.2)	118.7 (34.8)	135.8 (39.8)	154.3 (45.2)	174.2 (51.1)	195.3 (57.2)
CDD-0602-LK[ ]	63.2 (18.5)	74.5 (21.8)	87.2 (25.6)	101.1 (29.6)	116.4 (34.1)	133 (39)	150.9 (44.2)	169.9 (49.8)	190.2 (55.7)

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

CD Low Temperature Copeland Discus with R-454C Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[BD]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CDD-0300-LK[ ]	30.7 (9)	36.4 (10.7)	42.7 (12.5)	49.8 (14.6)	57.6 (16.9)	66 (19.3)	75.1 (22)	84.8 (24.9)	95 (27.8)
CDD-0301-LK[ ]	31.1 (9.1)	37 (10.8)	43.5 (12.7)	50.9 (14.9)	58.9 (17.3)	67.7 (19.8)	77.1 (22.6)	87.2 (25.6)	98 (28.7)
CDD-0440-LK[ ]	38.3 (11.2)	45.2 (13.2)	53.1 (15.6)	61.8 (18.1)	71.4 (20.9)	81.7 (23.9)	92.8 (27.2)	104.7 (30.7)	117.3 (34.4)
CDD-0441-LK[ ]	38.7 (11.3)	45.9 (13.5)	54 (15.8)	62.9 (18.4)	72.8 (21.3)	83.5 (24.5)	95 (27.8)	107.4 (31.5)	120.5 (35.3)
CDD-0540-LK[ ]	45.4 (13.3)	53.7 (15.7)	63 (18.5)	73.3 (21.5)	84.6 (24.8)	96.8 (28.4)	110 (32.2)	124 (36.3)	139 (40.7)
CDD-0541-LK[ ]	46.2 (13.5)	54.8 (16.1)	64.4 (18.9)	75.2 (22)	87 (25.5)	99.8 (29.2)	113.7 (33.3)	128.6 (37.7)	144.5 (42.4)
CDD-0600-LK[ ]	56 (16.4)	66 (19.3)	77.2 (22.6)	89.6 (26.3)	103.2 (30.2)	117.9 (34.6)	133.8 (39.2)	150.7 (44.2)	168.7 (49.4)
CDD-0601-LK[ ]	57.5 (16.9)	68 (19.9)	79.9 (23.4)	93.1 (27.3)	107.6 (31.5)	123.5 (36.2)	140.6 (41.2)	159.1 (46.6)	178.8 (52.4)
CDD-0602-LK[ ]	56.8 (16.6)	67 (19.6)	78.6 (23)	91.4 (26.8)	105.4 (30.9)	120.8 (35.4)	137.3 (40.2)	155 (45.4)	173.9 (51)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CD Medium Temperature Bitzer Ecoline (Motor 1) with R-454A Electrical, Capacity, and Configuration Data

CD Medium Temperature Bitzer Ecoline (Motor 1) with R-454A AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CDE-0100-MD[ ]	4FES-5	11210	N/A	24.2	5.4	65.9	90	13.1	2.5	35	45
CDE-0101-MD[ ]	4FES-5	11410	N/A	24.2	5.4	65.9	90	13.1	2.5	35	45
CDE-0150-MD[ ]	4EES-6	11410	N/A	28.1	5.4	74.6	100	13.4	2.5	35.7	45
CDE-0151-MD[ ]	4EES-6	12210	N/A	28.1	10.8	80	100	13.4	5	38.2	50
CDE-0160-MD[ ]	4DES-7	12210	N/A	31	10.8	86.6	110	15.3	5	42.4	50
CDE-0161-MD[ ]	4DES-7	12310	N/A	31	10.8	86.6	110	15.3	5	42.4	50
CDE-0162-MD[ ]	4DES-7	12410	N/A	31	10.8	86.6	110	15.3	5	42.4	50
CDE-0180-MD[ ]	4CES-9	12210	N/A	34.2	10.8	93.8	125	17.1	5	46.5	60
CDE-0181-MD[ ]	4CES-9	12410	N/A	34.2	10.8	93.8	125	17.1	5	46.5	60
CDE-0200-MD[ ]	4TES-12	12310	N/A	42.3	10.8	112	150	21.2	5	55.7	70
CDE-0201-MD[ ]	4TES-12	13310	N/A	42.3	16.2	117.4	150	21.2	7.5	58.2	70
CDE-0202-MD[ ]	4TES-12	12410	N/A	42.3	10.8	112	150	21.2	5	55.7	70
CDE-0240-MD[ ]	4PES-15	12410	N/A	48.7	10.8	126.4	175	24.4	5	62.9	80
CDE-0241-MD[ ]	4PES-15	13310	N/A	48.7	16.2	131.8	175	24.4	7.5	65.4	80
CDE-0300-MD[ ]	4NES-20	13310	N/A	57.7	16.2	152	200	28.8	7.5	75.3	100
CDE-0301-MD[ ]	4NES-20	13410	N/A	57.7	16.2	152	200	28.8	7.5	75.3	100
CDE-0400-MD[ ]	4JE-22	13310	N/A	61.5	16.2	160.6	200	30.8	7.5	79.8	110
CDE-0401-MD[ ]	4JE-22	22310	N/A	61.5	21.6	166	225	30.8	10	82.3	110
CDE-0402-MD[ ]	4JE-22	13410	N/A	61.5	16.2	160.6	200	30.8	7.5	79.8	110
CDE-0500-MD[ ]	4HE-25	13410	N/A	75.6	16.2	192.3	250	37.8	7.5	95.6	125
CDE-0501-MD[ ]	4HE-25	23310	N/A	75.6	32.4	208.5	250	37.8	15	103.1	125
CDE-0600-MD[ ]	4GE-30	22410	N/A	89.7	21.6	229.4	300	44.9	10	114	150
CDE-0601-MD[ ]	4GE-30	23310	N/A	89.7	32.4	240.2	300	44.9	15	119	150
CDE-0700-MD[ ]	6HE-35	23310	N/A	105.1	32.4	274.9	350	52.6	15	136.4	175
CDE-0701-MD[ ]	6HE-35	24310	N/A	105.1	43.2	285.7	350	52.6	20	141.4	175
CDE-0702-MD[ ]	6HE-35	23410	N/A	105.1	32.4	274.9	350	52.6	15	136.4	175
CDE-0800-MD[ ]	6GE-40	23410	N/A	141	32.4	355.7	450	70.5	15	176.6	225
CDE-0801-MD[ ]	6GE-40	24410	N/A	141	43.2	366.5	500	70.5	20	181.6	250

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

CD Medium Temperature Bitzer Ecoline (Motor 1) with R-454A Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[DE]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CDE-0100-MD[ ]	27.3 (8)	30.7 (9)	34.3 (10.1)	38.1 (11.2)	42.2 (12.4)	46.5 (13.6)	51 (14.9)	55.8 (16.4)	60.7 (17.8)	65.9 (19.3)	71.3 (20.9)
CDE-0101-MD[ ]	29.4 (8.6)	33.2 (9.7)	37.3 (10.9)	41.8 (12.3)	46.5 (13.6)	51.7 (15.2)	57.1 (16.7)	62.9 (18.4)	69.1 (20.3)	75.6 (22.2)	82.4 (24.2)
CDE-0150-MD[ ]	37.8 (11.1)	42.3 (12.4)	47.2 (13.8)	52.3 (15.3)	57.8 (16.9)	63.6 (18.6)	69.8 (20.5)	76.4 (22.4)	83.3 (24.4)	90.5 (26.5)	98.2 (28.8)
CDE-0151-MD[ ]	38.5 (11.3)	43.1 (12.6)	48.1 (14.1)	53.5 (15.7)	59.2 (17.4)	65.3 (19.1)	71.8 (21)	78.7 (23.1)	86 (25.2)	93.7 (27.5)	101.7 (29.8)
CDE-0160-MD[ ]	44 (12.9)	49.5 (14.5)	55.3 (16.2)	61.6 (18.1)	68.3 (20)	75.4 (22.1)	83 (24.3)	91 (26.7)	99.5 (29.2)	108.3 (31.7)	117.6 (34.5)
CDE-0161-MD[ ]	45.7 (13.4)	51.5 (15.1)	57.8 (16.9)	64.6 (18.9)	71.9 (21.1)	79.7 (23.4)	88.1 (25.8)	97 (28.4)	106.4 (31.2)	116.4 (34.1)	127 (37.2)
CDE-0162-MD[ ]	46.4 (13.6)	52.4 (15.4)	58.9 (17.3)	65.9 (19.3)	73.5 (21.5)	81.6 (23.9)	90.3 (26.5)	99.6 (29.2)	109.5 (32.1)	120 (35.2)	131.2 (38.5)
CDE-0180-MD[ ]	53.4 (15.7)	59.7 (17.5)	66.4 (19.5)	73.6 (21.6)	81.2 (23.8)	89.3 (26.2)	97.8 (28.7)	106.8 (31.3)	116.1 (34)	126 (36.9)	136.2 (39.9)
CDE-0181-MD[ ]	56.8 (16.6)	63.9 (18.7)	71.5 (21)	79.8 (23.4)	88.6 (26)	98.1 (28.8)	108.2 (31.7)	119 (34.9)	130.4 (38.2)	142.5 (41.8)	155.3 (45.5)
CDE-0200-MD[ ]	67.4 (19.8)	75.8 (22.2)	84.9 (24.9)	94.5 (27.7)	104.9 (30.7)	115.9 (34)	127.6 (37.4)	140 (41)	153 (44.8)	166.8 (48.9)	181.2 (53.1)
CDE-0201-MD[ ]	70.7 (20.7)	79.8 (23.4)	89.7 (26.3)	100.4 (29.4)	111.8 (32.8)	124.2 (36.4)	137.4 (40.3)	151.4 (44.4)	166.4 (48.8)	182.2 (53.4)	199 (58.3)
CDE-0202-MD[ ]	69.1 (20.3)	77.9 (22.8)	87.3 (25.6)	97.5 (28.6)	108.4 (31.8)	120.1 (35.2)	132.6 (38.9)	145.8 (42.7)	159.8 (46.8)	174.6 (51.2)	190.2 (55.7)
CDE-0240-MD[ ]	76.2 (22.3)	86.1 (25.2)	96.7 (28.3)	108.2 (31.7)	120.4 (35.3)	133.5 (39.1)	147.3 (43.2)	162 (47.5)	177.5 (52)	193.8 (56.8)	210.9 (61.8)
CDE-0241-MD[ ]	78.3 (22.9)	88.6 (26)	99.8 (29.2)	111.9 (32.8)	124.9 (36.6)	138.8 (40.7)	153.6 (45)	169.4 (49.6)	186.1 (54.5)	203.8 (59.7)	222.4 (65.2)
CDE-0300-MD[ ]	93.4 (27.4)	105.1 (30.8)	117.8 (34.5)	131.3 (38.5)	145.8 (42.7)	161.3 (47.3)	177.8 (52.1)	195.3 (57.2)	213.7 (62.6)	233.1 (68.3)	253.6 (74.3)
CDE-0301-MD[ ]	95.4 (28)	107.6 (31.5)	120.8 (35.4)	135 (39.6)	150.2 (44)	166.6 (48.8)	184 (53.9)	202.5 (59.3)	222.2 (65.1)	243 (71.2)	264.9 (77.6)
CDE-0400-MD[ ]	103.9 (30.5)	116.6 (34.2)	130.1 (38.1)	144.5 (42.4)	159.8 (46.8)	176 (51.6)	193.2 (56.6)	211.3 (61.9)	230.4 (67.5)	250.4 (73.4)	271.3 (79.5)
CDE-0401-MD[ ]	107.6 (31.5)	121 (35.5)	135.4 (39.7)	150.9 (44.2)	167.4 (49.1)	185 (54.2)	203.8 (59.7)	223.6 (65.5)	244.7 (71.7)	266.9 (78.2)	290.2 (85.1)
CDE-0402-MD[ ]	106.5 (31.2)	119.6 (35.1)	133.8 (39.2)	148.9 (43.6)	165 (48.4)	182.2 (53.4)	200.4 (58.7)	219.7 (64.4)	240.1 (70.4)	261.6 (76.7)	284.2 (83.3)
CDE-0500-MD[ ]	125.1 (36.7)	140 (41)	155.8 (45.7)	172.6 (50.6)	190.5 (55.8)	209.5 (61.4)	229.6 (67.3)	250.7 (73.5)	272.9 (80)	296.2 (86.8)	320.6 (94)
CDE-0501-MD[ ]	131.9 (38.7)	148.1 (43.4)	165.6 (48.5)	184.4 (54)	204.6 (60)	226.2 (66.3)	249.2 (73)	273.7 (80.2)	299.7 (87.8)	327.2 (95.9)	356.3 (104.4)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

(continued from previous page)

Model	MBH (kW)[DE]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CDE-0600-MD[ ]	149.1 (43.7)	166.6 (48.8)	185.4 (54.3)	205.4 (60.2)	226.7 (66.4)	249.4 (73.1)	273.4 (80.1)	298.7 (87.5)	325.4 (95.4)	353.5 (103.6)	382.9 (112.2)
CDE-0601-MD[ ]	152.5 (44.7)	170.7 (50)	190.4 (55.8)	211.4 (62)	233.9 (68.6)	257.9 (75.6)	283.4 (83.1)	310.4 (91)	339.1 (99.4)	369.3 (108.2)	401.2 (117.6)
CDE-0700-MD[ ]	185.9 (54.5)	208.9 (61.2)	233.6 (68.5)	260 (76.2)	288.2 (84.5)	318.2 (93.3)	350 (102.6)	383.6 (112.4)	419.1 (122.8)	456.4 (133.8)	495.5 (145.2)
CDE-0701-MD[ ]	191.6 (56.2)	215.9 (63.3)	242 (70.9)	270.2 (79.2)	300.3 (88)	332.5 (97.5)	366.9 (107.5)	403.5 (118.3)	442.2 (129.6)	483.2 (141.6)	526.4 (154.3)
CDE-0702-MD[ ]	189.9 (55.7)	213.7 (62.6)	239.4 (70.2)	267 (78.3)	296.5 (86.9)	328 (96.1)	361.6 (106)	397.2 (116.4)	434.9 (127.5)	474.7 (139.1)	516.6 (151.4)
CDE-0800-MD[ ]	220.7 (64.7)	247 (72.4)	275.2 (80.7)	305.4 (89.5)	337.6 (98.9)	371.9 (109)	408.3 (119.7)	446.9 (131)	487.5 (142.9)	530.3 (155.4)	575.3 (168.6)
CDE-0801-MD[ ]	226.9 (66.5)	254.6 (74.6)	284.4 (83.4)	316.4 (92.7)	350.8 (102.8)	387.5 (113.6)	426.7 (125.1)	468.4 (137.3)	512.6 (150.2)	559.4 (164)	608.8 (178.4)

CD Medium Temperature Bitzer Ecoline (Motor 1) with R-454A Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[DE]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CDE-0100-MD[ ]	24.4 (7.2)	27.4 (8)	30.7 (9)	34.2 (10)	37.9 (11.1)	41.8 (12.3)	46 (13.5)	50.4 (14.8)	54.9 (16.1)	59.7 (17.5)	64.7 (19)
CDE-0101-MD[ ]	26.3 (7.7)	29.8 (8.7)	33.6 (9.8)	37.6 (11)	42 (12.3)	46.7 (13.7)	51.8 (15.2)	57.1 (16.7)	62.8 (18.4)	68.8 (20.2)	75.2 (22)
CDE-0150-MD[ ]	34.3 (10.1)	38.4 (11.3)	42.9 (12.6)	47.6 (14)	52.7 (15.4)	58 (17)	63.7 (18.7)	69.8 (20.5)	76.2 (22.3)	82.9 (24.3)	90 (26.4)
CDE-0151-MD[ ]	35 (10.3)	39.2 (11.5)	43.8 (12.8)	48.7 (14.3)	54 (15.8)	59.6 (17.5)	65.6 (19.2)	72 (21.1)	78.8 (23.1)	85.9 (25.2)	93.4 (27.4)
CDE-0160-MD[ ]	39.6 (11.6)	44.6 (13.1)	49.9 (14.6)	55.7 (16.3)	61.8 (18.1)	68.3 (20)	75.3 (22.1)	82.7 (24.2)	90.5 (26.5)	98.7 (28.9)	107.3 (31.4)
CDE-0161-MD[ ]	41.2 (12.1)	46.5 (13.6)	52.3 (15.3)	58.5 (17.1)	65.2 (19.1)	72.4 (21.2)	80.1 (23.5)	88.4 (25.9)	97.1 (28.5)	106.4 (31.2)	116.2 (34.1)
CDE-0162-MD[ ]	41.8 (12.3)	47.3 (13.9)	53.3 (15.6)	59.7 (17.5)	66.7 (19.5)	74.2 (21.7)	82.2 (24.1)	90.8 (26.6)	100 (29.3)	109.8 (32.2)	120.2 (35.2)
CDE-0180-MD[ ]	48.1 (14.1)	53.9 (15.8)	60 (17.6)	66.6 (19.5)	73.6 (21.6)	80.9 (23.7)	88.7 (26)	97 (28.4)	105.6 (30.9)	114.7 (33.6)	124.1 (36.4)
CDE-0181-MD[ ]	51.4 (15.1)	57.9 (17)	64.9 (19)	72.5 (21.2)	80.6 (23.6)	89.4 (26.2)	98.7 (28.9)	108.6 (31.8)	119.2 (34.9)	130.5 (38.2)	142.3 (41.7)
CDE-0200-MD[ ]	60.4 (17.7)	68.1 (20)	76.3 (22.4)	85.2 (25)	94.7 (27.8)	104.9 (30.7)	115.7 (33.9)	127.1 (37.3)	139.2 (40.8)	152 (44.5)	165.4 (48.5)
CDE-0201-MD[ ]	63.5 (18.6)	71.9 (21.1)	81 (23.7)	90.8 (26.6)	101.4 (29.7)	112.8 (33.1)	125.1 (36.7)	138.1 (40.5)	152.1 (44.6)	166.8 (48.9)	182.5 (53.5)
CDE-0202-MD[ ]	62 (18.2)	70 (20.5)	78.7 (23.1)	88.1 (25.8)	98.2 (28.8)	108.9 (31.9)	120.4 (35.3)	132.7 (38.9)	145.7 (42.7)	159.5 (46.7)	174 (51)
CDE-0240-MD[ ]	67.8 (19.9)	76.8 (22.5)	86.6 (25.4)	97.1 (28.5)	108.3 (31.7)	120.4 (35.3)	133.2 (39)	146.8 (43)	161.1 (47.2)	176.3 (51.7)	192.2 (56.3)
CDE-0241-MD[ ]	69.8 (20.5)	79.2 (23.2)	89.5 (26.2)	100.6 (29.5)	112.6 (33)	125.4 (36.8)	139.2 (40.8)	153.8 (45.1)	169.3 (49.6)	185.8 (54.5)	203.2 (59.6)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

(continued from previous page)

Model	MBH (kW)[DE]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CDE-0300-MD[ ]	83.9 (24.6)	94.6 (27.7)	106.2 (31.1)	118.7 (34.8)	132 (38.7)	146.3 (42.9)	161.5 (47.3)	177.7 (52.1)	194.8 (57.1)	212.9 (62.4)	231.9 (68)
CDE-0301-MD[ ]	85.8 (25.1)	97 (28.4)	109.1 (32)	122.2 (35.8)	136.2 (39.9)	151.3 (44.3)	167.5 (49.1)	184.7 (54.1)	202.9 (59.5)	222.3 (65.2)	242.8 (71.2)
CDE-0400-MD[ ]	93.4 (27.4)	105 (30.8)	117.5 (34.4)	130.8 (38.3)	144.9 (42.5)	159.9 (46.9)	175.8 (51.5)	192.6 (56.4)	210.3 (61.6)	228.9 (67.1)	248.4 (72.8)
CDE-0401-MD[ ]	97 (28.4)	109.3 (32)	122.7 (36)	136.9 (40.1)	152.2 (44.6)	168.6 (49.4)	186 (54.5)	204.4 (59.9)	224 (65.7)	244.7 (71.7)	266.6 (78.1)
CDE-0402-MD[ ]	95.8 (28.1)	108 (31.7)	121 (35.5)	135 (39.6)	149.9 (43.9)	165.8 (48.6)	182.7 (53.5)	200.7 (58.8)	219.7 (64.4)	239.7 (70.3)	260.8 (76.4)
CDE-0500-MD[ ]	113.1 (33.1)	126.7 (37.1)	141.2 (41.4)	156.7 (45.9)	173.2 (50.8)	190.6 (55.9)	209.1 (61.3)	228.7 (67)	249.2 (73)	270.8 (79.4)	293.4 (86)
CDE-0501-MD[ ]	119.5 (35)	134.5 (39.4)	150.7 (44.2)	168.1 (49.3)	186.7 (54.7)	206.6 (60.6)	228 (66.8)	250.7 (73.5)	274.8 (80.5)	300.5 (88.1)	327.6 (96)
CDE-0600-MD[ ]	134.8 (39.5)	150.9 (44.2)	168.1 (49.3)	186.5 (54.7)	206.1 (60.4)	226.9 (66.5)	248.9 (72.9)	272.3 (79.8)	296.9 (87)	322.8 (94.6)	350 (102.6)
CDE-0601-MD[ ]	138.1 (40.5)	154.9 (45.4)	172.9 (50.7)	192.3 (56.4)	212.9 (62.4)	235 (68.9)	258.5 (75.8)	283.5 (83.1)	310 (90.9)	338 (99.1)	367.5 (107.7)
CDE-0700-MD[ ]	167.7 (49.2)	188.8 (55.3)	211.5 (62)	235.8 (69.1)	261.8 (76.7)	289.5 (84.8)	318.9 (93.5)	350.1 (102.6)	383 (112.3)	417.7 (122.4)	454.1 (133.1)
CDE-0701-MD[ ]	173.1 (50.7)	195.5 (57.3)	219.6 (64.4)	245.6 (72)	273.5 (80.2)	303.4 (88.9)	335.3 (98.3)	369.3 (108.2)	405.4 (118.8)	443.6 (130)	484 (141.9)
CDE-0702-MD[ ]	171.4 (50.2)	193.4 (56.7)	217.1 (63.6)	242.5 (71.1)	269.8 (79.1)	299 (87.6)	330.1 (96.7)	363.2 (106.4)	398.3 (116.7)	435.4 (127.6)	474.5 (139.1)
CDE-0800-MD[ ]	200.3 (58.7)	224.4 (65.8)	250.4 (73.4)	278.2 (81.5)	307.9 (90.2)	339.6 (99.5)	373.3 (109.4)	408.9 (119.8)	446.7 (130.9)	486.4 (142.6)	528.3 (154.8)
CDE-0801-MD[ ]	206.3 (60.5)	231.8 (67.9)	259.3 (76)	288.9 (84.7)	320.7 (94)	354.8 (104)	391.1 (114.6)	429.9 (126)	471 (138)	514.7 (150.8)	560.8 (164.4)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

CD Medium Temperature Bitzer Ecoline (Motor 1) with R-454C Electrical, Capacity, and Configuration Data

CD Medium Temperature Bitzer Ecoline (Motor 1) with R-454C AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CDE-0100-MK[ ]	4FES-5	11210	N/A	24.2	5.4	65.9	90	13.1	2.5	35	45
CDE-0101-MK[ ]	4FES-5	11410	N/A	24.2	5.4	65.9	90	13.1	2.5	35	45
CDE-0150-MK[ ]	4EES-6	11410	N/A	28.1	5.4	74.6	100	13.4	2.5	35.7	45
CDE-0151-MK[ ]	4EES-6	12210	N/A	28.1	10.8	80	100	13.4	5	38.2	50
CDE-0160-MK[ ]	4DES-7	12210	N/A	31	10.8	86.6	110	15.3	5	42.4	50
CDE-0161-MK[ ]	4DES-7	12310	N/A	31	10.8	86.6	110	15.3	5	42.4	50
CDE-0162-MK[ ]	4DES-7	12410	N/A	31	10.8	86.6	110	15.3	5	42.4	50
CDE-0180-MK[ ]	4CES-9	12210	N/A	34.2	10.8	93.8	125	17.1	5	46.5	60
CDE-0181-MK[ ]	4CES-9	12410	N/A	34.2	10.8	93.8	125	17.1	5	46.5	60
CDE-0200-MK[ ]	4TES-12	12310	N/A	42.3	10.8	112	150	21.2	5	55.7	70
CDE-0201-MK[ ]	4TES-12	13310	N/A	42.3	16.2	117.4	150	21.2	7.5	58.2	70
CDE-0202-MK[ ]	4TES-12	12410	N/A	42.3	10.8	112	150	21.2	5	55.7	70
CDE-0240-MK[ ]	4PES-15	12410	N/A	48.7	10.8	126.4	175	24.4	5	62.9	80
CDE-0241-MK[ ]	4PES-15	13310	N/A	48.7	16.2	131.8	175	24.4	7.5	65.4	80
CDE-0300-MK[ ]	4NES-20	13310	N/A	57.7	16.2	152	200	28.8	7.5	75.3	100
CDE-0301-MK[ ]	4NES-20	13410	N/A	57.7	16.2	152	200	28.8	7.5	75.3	100
CDE-0400-MK[ ]	4JE-22	13310	N/A	61.5	16.2	160.6	200	30.8	7.5	79.8	110
CDE-0401-MK[ ]	4JE-22	22310	N/A	61.5	21.6	166	225	30.8	10	82.3	110
CDE-0402-MK[ ]	4JE-22	13410	N/A	61.5	16.2	160.6	200	30.8	7.5	79.8	110
CDE-0500-MK[ ]	4HE-25	13410	N/A	75.6	16.2	192.3	250	37.8	7.5	95.6	125
CDE-0501-MK[ ]	4HE-25	23310	N/A	75.6	32.4	208.5	250	37.8	15	103.1	125
CDE-0600-MK[ ]	4GE-30	22410	N/A	89.7	21.6	229.4	300	44.9	10	114	150
CDE-0601-MK[ ]	4GE-30	23310	N/A	89.7	32.4	240.2	300	44.9	15	119	150
CDE-0700-MK[ ]	6HE-35	23310	N/A	105.1	32.4	274.9	350	52.6	15	136.4	175
CDE-0701-MK[ ]	6HE-35	24310	N/A	105.1	43.2	285.7	350	52.6	20	141.4	175
CDE-0702-MK[ ]	6HE-35	23410	N/A	105.1	32.4	274.9	350	52.6	15	136.4	175
CDE-0800-MK[ ]	6GE-40	23410	N/A	141	32.4	355.7	450	70.5	15	176.6	225
CDE-0801-MK[ ]	6GE-40	24410	N/A	141	43.2	366.5	500	70.5	20	181.6	250

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

CD Medium Temperature Bitzer Ecoline (Motor 1) with R-454C Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[DE]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CDE-0100-MK[ ]	22 (6.4)	25 (7.3)	28.4 (8.3)	32.1 (9.4)	36.1 (10.6)	40.4 (11.8)	45.2 (13.2)	50.3 (14.7)	55.8 (16.4)	61.7 (18.1)	68 (19.9)
CDE-0101-MK[ ]	23.4 (6.9)	26.8 (7.9)	30.5 (8.9)	34.6 (10.1)	39.2 (11.5)	44.2 (13)	49.7 (14.6)	55.6 (16.3)	62.1 (18.2)	69.1 (20.3)	76.6 (22.5)
CDE-0150-MK[ ]	28.7 (8.4)	32.7 (9.6)	37.2 (10.9)	42.2 (12.4)	47.7 (14)	53.7 (15.7)	60.2 (17.6)	67.3 (19.7)	74.9 (22)	83.2 (24.4)	92 (27)
CDE-0151-MK[ ]	29.1 (8.5)	33.3 (9.8)	37.9 (11.1)	43.1 (12.6)	48.7 (14.3)	54.9 (16.1)	61.7 (18.1)	69.1 (20.3)	77.1 (22.6)	85.7 (25.1)	95 (27.8)
CDE-0160-MK[ ]	32.7 (9.6)	37.4 (11)	42.6 (12.5)	48.3 (14.2)	54.6 (16)	61.5 (18)	69.1 (20.3)	77.3 (22.7)	86.1 (25.2)	95.6 (28)	105.9 (31)
CDE-0161-MK[ ]	33.8 (9.9)	38.7 (11.3)	44.2 (13)	50.3 (14.7)	57 (16.7)	64.4 (18.9)	72.5 (21.2)	81.4 (23.9)	91 (26.7)	101.4 (29.7)	112.6 (33)
CDE-0162-MK[ ]	34.2 (10)	39.2 (11.5)	44.9 (13.2)	51.1 (15)	58 (17)	65.6 (19.2)	74 (21.7)	83.2 (24.4)	93.1 (27.3)	103.9 (30.5)	115.6 (33.9)
CDE-0180-MK[ ]	40.7 (11.9)	46.3 (13.6)	52.5 (15.4)	59.3 (17.4)	66.8 (19.6)	74.9 (22)	83.8 (24.6)	93.4 (27.4)	103.7 (30.4)	114.7 (33.6)	126.5 (37.1)
CDE-0181-MK[ ]	43 (12.6)	49.1 (14.4)	56 (16.4)	63.6 (18.6)	72 (21.1)	81.2 (23.8)	91.3 (26.8)	102.3 (30)	114.2 (33.5)	127.2 (37.3)	141.1 (41.4)
CDE-0200-MK[ ]	49.3 (14.4)	56.6 (16.6)	64.6 (18.9)	73.5 (21.5)	83.3 (24.4)	94.1 (27.6)	105.8 (31)	118.5 (34.7)	132.3 (38.8)	147 (43.1)	162.8 (47.7)
CDE-0201-MK[ ]	51.2 (15)	59 (17.3)	67.6 (19.8)	77.3 (22.7)	87.9 (25.8)	99.7 (29.2)	112.6 (33)	126.8 (37.2)	142.1 (41.6)	158.7 (46.5)	176.6 (51.8)
CDE-0202-MK[ ]	50.3 (14.7)	57.8 (16.9)	66.1 (19.4)	75.4 (22.1)	85.7 (25.1)	97 (28.4)	109.3 (32)	122.7 (36)	137.2 (40.2)	152.9 (44.8)	169.8 (49.8)
CDE-0240-MK[ ]	55.9 (16.4)	64.4 (18.9)	73.9 (21.7)	84.3 (24.7)	95.9 (28.1)	108.5 (31.8)	122.3 (35.8)	137.3 (40.2)	153.6 (45)	171 (50.1)	189.8 (55.6)
CDE-0241-MK[ ]	57.2 (16.8)	66 (19.3)	75.8 (22.2)	86.7 (25.4)	98.8 (29)	112.2 (32.9)	126.8 (37.2)	142.7 (41.8)	160 (46.9)	178.6 (52.3)	198.7 (58.2)
CDE-0300-MK[ ]	68 (19.9)	78.1 (22.9)	89.3 (26.2)	101.7 (29.8)	115.4 (33.8)	130.4 (38.2)	146.9 (43.1)	164.7 (48.3)	184.1 (54)	204.9 (60.1)	227.2 (66.6)
CDE-0301-MK[ ]	69.2 (20.3)	79.6 (23.3)	91.2 (26.7)	104.1 (30.5)	118.3 (34.7)	134 (39.3)	151.2 (44.3)	170 (49.8)	190.3 (55.8)	212.3 (62.2)	236 (69.2)
CDE-0400-MK[ ]	76 (22.3)	86.9 (25.5)	99 (29)	112.4 (32.9)	127.1 (37.3)	143.1 (41.9)	160.5 (47)	179.3 (52.5)	199.6 (58.5)	221.4 (64.9)	244.6 (71.7)
CDE-0401-MK[ ]	78.2 (22.9)	89.7 (26.3)	102.5 (30)	116.6 (34.2)	132.3 (38.8)	149.4 (43.8)	168.1 (49.3)	188.5 (55.2)	210.5 (61.7)	234.3 (68.7)	259.8 (76.1)
CDE-0402-MK[ ]	77.5 (22.7)	88.8 (26)	101.4 (29.7)	115.3 (33.8)	130.6 (38.3)	147.4 (43.2)	165.7 (48.6)	185.6 (54.4)	207 (60.7)	230.2 (67.5)	255 (74.7)
CDE-0500-MK[ ]	90.5 (26.5)	103.3 (30.3)	117.5 (34.4)	133.1 (39)	150.2 (44)	168.8 (49.5)	189.1 (55.4)	211.1 (61.9)	234.8 (68.8)	260.2 (76.3)	287.3 (84.2)
CDE-0501-MK[ ]	94.5 (27.7)	108.3 (31.7)	123.7 (36.3)	140.8 (41.3)	159.7 (46.8)	180.4 (52.9)	203.2 (59.6)	227.9 (66.8)	254.9 (74.7)	284 (83.2)	315.4 (92.4)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

(continued from previous page)

Model	MBH (kW)[DE]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CDE-0600-MK[ ]	105.8 (31)	120.9 (35.4)	137.5 (40.3)	155.8 (45.7)	176 (51.6)	198.1 (58.1)	222.1 (65.1)	248.2 (72.7)	276.3 (81)	306.6 (89.9)	339 (99.4)
CDE-0601-MK[ ]	107.8 (31.6)	123.3 (36.1)	140.6 (41.2)	159.6 (46.8)	180.7 (53)	203.8 (59.7)	229 (67.1)	256.5 (75.2)	286.2 (83.9)	318.4 (93.3)	352.9 (103.4)
CDE-0700-MK[ ]	134.5 (39.4)	153.7 (45)	175 (51.3)	198.5 (58.2)	224.3 (65.7)	252.6 (74)	283.4 (83.1)	316.8 (92.8)	352.9 (103.4)	391.8 (114.8)	433.5 (127.1)
CDE-0701-MK[ ]	137.8 (40.4)	157.9 (46.3)	180.2 (52.8)	204.9 (60.1)	232.1 (68)	262.1 (76.8)	294.9 (86.4)	330.6 (96.9)	369.4 (108.3)	411.3 (120.5)	456.5 (133.8)
CDE-0702-MK[ ]	136.8 (40.1)	156.6 (45.9)	178.5 (52.3)	202.9 (59.5)	229.7 (67.3)	259.1 (75.9)	291.3 (85.4)	326.3 (95.6)	364.2 (106.7)	405.1 (118.7)	449.2 (131.7)
CDE-0800-MK[ ]	154.9 (45.4)	176.7 (51.8)	200.8 (58.9)	227.3 (66.6)	256.5 (75.2)	288.3 (84.5)	322.9 (94.6)	360.4 (105.6)	400.9 (117.5)	444.3 (130.2)	490.9 (143.9)
CDE-0801-MK[ ]	158.4 (46.4)	181.1 (53.1)	206.4 (60.5)	234.3 (68.7)	265 (77.7)	298.7 (87.5)	335.6 (98.4)	375.7 (110.1)	419.1 (122.8)	466 (136.6)	516.4 (151.3)

CD Medium Temperature Bitzer Ecoline (Motor 1) with R-454C Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[DE]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CDE-0100-MK[ ]	19.6 (5.7)	22.4 (6.6)	25.5 (7.5)	28.8 (8.4)	32.5 (9.5)	36.6 (10.7)	41 (12)	45.8 (13.4)	50.9 (14.9)	56.5 (16.6)	62.4 (18.3)
CDE-0101-MK[ ]	20.9 (6.1)	24 (7)	27.4 (8)	31.2 (9.1)	35.5 (10.4)	40.1 (11.8)	45.2 (13.2)	50.8 (14.9)	56.9 (16.7)	63.5 (18.6)	70.6 (20.7)
CDE-0150-MK[ ]	25.6 (7.5)	29.3 (8.6)	33.4 (9.8)	38 (11.1)	43.1 (12.6)	48.6 (14.2)	54.7 (16)	61.3 (18)	68.5 (20.1)	76.3 (22.4)	84.6 (24.8)
CDE-0151-MK[ ]	26 (7.6)	29.8 (8.7)	34.1 (10)	38.8 (11.4)	44.1 (12.9)	49.8 (14.6)	56.1 (16.4)	63 (18.5)	70.5 (20.7)	78.7 (23.1)	87.4 (25.6)
CDE-0160-MK[ ]	29.2 (8.6)	33.5 (9.8)	38.2 (11.2)	43.5 (12.7)	49.3 (14.4)	55.8 (16.4)	62.8 (18.4)	70.4 (20.6)	78.7 (23.1)	87.7 (25.7)	97.3 (28.5)
CDE-0161-MK[ ]	30.2 (8.9)	34.7 (10.2)	39.7 (11.6)	45.3 (13.3)	51.6 (15.1)	58.5 (17.1)	66 (19.3)	74.3 (21.8)	83.3 (24.4)	93.2 (27.3)	103.8 (30.4)
CDE-0162-MK[ ]	30.6 (9)	35.2 (10.3)	40.3 (11.8)	46.1 (13.5)	52.5 (15.4)	59.6 (17.5)	67.4 (19.8)	76 (22.3)	85.4 (25)	95.5 (28)	106.6 (31.2)
CDE-0180-MK[ ]	36.4 (10.7)	41.5 (12.2)	47.2 (13.8)	53.5 (15.7)	60.4 (17.7)	67.9 (19.9)	76.1 (22.3)	85.1 (24.9)	94.7 (27.8)	105.1 (30.8)	116.2 (34.1)
CDE-0181-MK[ ]	38.6 (11.3)	44.2 (13)	50.5 (14.8)	57.5 (16.9)	65.2 (19.1)	73.8 (21.6)	83.2 (24.4)	93.5 (27.4)	104.8 (30.7)	116.9 (34.3)	130.1 (38.1)
CDE-0200-MK[ ]	43.9 (12.9)	50.5 (14.8)	57.9 (17)	66 (19.3)	75.1 (22)	85 (24.9)	95.9 (28.1)	107.7 (31.6)	120.5 (35.3)	134.4 (39.4)	149.2 (43.7)
CDE-0201-MK[ ]	45.7 (13.4)	52.8 (15.5)	60.7 (17.8)	69.5 (20.4)	79.4 (23.3)	90.3 (26.5)	102.3 (30)	115.4 (33.8)	129.7 (38)	145.3 (42.6)	162.2 (47.5)
CDE-0202-MK[ ]	44.8 (13.1)	51.7 (15.2)	59.3 (17.4)	67.8 (19.9)	77.3 (22.7)	87.7 (25.7)	99.1 (29)	111.6 (32.7)	125.2 (36.7)	139.9 (41)	155.7 (45.6)
CDE-0240-MK[ ]	49.5 (14.5)	57.2 (16.8)	65.8 (19.3)	75.4 (22.1)	86 (25.2)	97.7 (28.6)	110.5 (32.4)	124.5 (36.5)	139.7 (40.9)	156 (45.7)	173.6 (50.9)
CDE-0241-MK[ ]	50.7 (14.9)	58.7 (17.2)	67.6 (19.8)	77.7 (22.8)	88.8 (26)	101.1 (29.6)	114.6 (33.6)	129.5 (38)	145.6 (42.7)	163.1 (47.8)	182 (53.3)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

(continued from previous page)

Model	MBH (kW)[DE]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CDE-0300-MK[ ]	60.6 (17.8)	69.8 (20.5)	80 (23.4)	91.4 (26.8)	104 (30.5)	117.9 (34.6)	133.2 (39)	149.8 (43.9)	167.9 (49.2)	187.4 (54.9)	208.4 (61.1)
CDE-0301-MK[ ]	61.8 (18.1)	71.2 (20.9)	81.8 (24)	93.6 (27.4)	106.8 (31.3)	121.3 (35.6)	137.3 (40.2)	154.7 (45.3)	173.8 (50.9)	194.4 (57)	216.7 (63.5)
CDE-0400-MK[ ]	67.7 (19.8)	77.7 (22.8)	88.7 (26)	101 (29.6)	114.5 (33.6)	129.3 (37.9)	145.5 (42.6)	163 (47.8)	182 (53.3)	202.4 (59.3)	224.3 (65.7)
CDE-0401-MK[ ]	69.8 (20.5)	80.3 (23.5)	92 (27)	105 (30.8)	119.4 (35)	135.3 (39.7)	152.7 (44.8)	171.7 (50.3)	192.3 (56.4)	214.6 (62.9)	238.7 (70)
CDE-0402-MK[ ]	69.1 (20.3)	79.4 (23.3)	91 (26.7)	103.8 (30.4)	117.9 (34.6)	133.4 (39.1)	150.4 (44.1)	168.9 (49.5)	189 (55.4)	210.7 (61.8)	234.1 (68.6)
CDE-0500-MK[ ]	80.9 (23.7)	92.6 (27.1)	105.5 (30.9)	119.8 (35.1)	135.5 (39.7)	152.7 (44.8)	171.5 (50.3)	191.9 (56.2)	214 (62.7)	237.7 (69.7)	263.2 (77.1)
CDE-0501-MK[ ]	84.7 (24.8)	97.4 (28.5)	111.5 (32.7)	127.1 (37.3)	144.5 (42.4)	163.7 (48)	184.8 (54.2)	207.9 (60.9)	233.1 (68.3)	260.4 (76.3)	289.9 (85)
CDE-0600-MK[ ]	94.7 (27.8)	108.4 (31.8)	123.5 (36.2)	140.3 (41.1)	158.8 (46.5)	179.1 (52.5)	201.3 (59)	225.5 (66.1)	251.7 (73.8)	279.9 (82)	310.3 (90.9)
CDE-0601-MK[ ]	96.6 (28.3)	110.7 (32.4)	126.5 (37.1)	143.9 (42.2)	163.3 (47.9)	184.6 (54.1)	207.9 (60.9)	233.4 (68.4)	261.1 (76.5)	291.2 (85.3)	323.5 (94.8)
CDE-0700-MK[ ]	120.4 (35.3)	138 (40.4)	157.4 (46.1)	179 (52.5)	202.8 (59.4)	229 (67.1)	257.6 (75.5)	288.7 (84.6)	322.5 (94.5)	358.9 (105.2)	398 (116.6)
CDE-0701-MK[ ]	123.6 (36.2)	141.9 (41.6)	162.4 (47.6)	185.1 (54.2)	210.2 (61.6)	238 (69.8)	268.5 (78.7)	301.8 (88.5)	338.1 (99.1)	377.4 (110.6)	419.9 (123.1)
CDE-0702-MK[ ]	122.6 (35.9)	140.7 (41.2)	160.8 (47.1)	183.2 (53.7)	207.9 (60.9)	235.2 (68.9)	265 (77.7)	297.7 (87.3)	333.1 (97.6)	371.5 (108.9)	412.9 (121)
CDE-0800-MK[ ]	138.9 (40.7)	158.8 (46.5)	180.7 (53)	205 (60.1)	231.7 (67.9)	261 (76.5)	292.9 (85.8)	327.7 (96)	365.2 (107)	405.7 (118.9)	449.2 (131.7)
CDE-0801-MK[ ]	142.4 (41.7)	163 (47.8)	186.1 (54.5)	211.6 (62)	239.8 (70.3)	270.8 (79.4)	304.9 (89.4)	342 (100.2)	382.4 (112.1)	426.1 (124.9)	473.2 (138.7)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CD Low Temperature Bitzer Ecoline (Motor 1) with R-454A Electrical, Capacity, and Configuration Data

CD Low Temperature Bitzer Ecoline (Motor 1) with R-454A AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CDE-0300-LD[ ]	4HE-25	12410	N/A	75.6	10.8	186.9	250	37.8	5	93.1	125
CDE-0301-LD[ ]	4HE-25	13310	N/A	75.6	16.2	192.3	250	37.8	7.5	95.6	125
CDE-0440-LD[ ]	4GE-30	13310	N/A	89.7	16.2	224	300	44.9	7.5	111.5	150
CDE-0441-LD[ ]	4GE-30	13410	N/A	89.7	16.2	224	300	44.9	7.5	111.5	150
CDE-0540-LD[ ]	6HE-35	13410	N/A	105.1	16.2	258.7	350	52.6	7.5	128.9	175
CDE-0541-LD[ ]	6HE-35	22410	N/A	105.1	21.6	264.1	350	52.6	10	131.4	175
CDE-0600-LD[ ]	6GE-40	22310	N/A	141	21.6	344.9	450	70.5	10	171.6	225
CDE-0601-LD[ ]	6GE-40	23310	N/A	141	32.4	355.7	450	70.5	15	176.6	225
CDE-0602-LD[ ]	6GE-40	22410	N/A	141	21.6	344.9	450	70.5	10	171.6	225

CD Low Temperature Bitzer Ecoline (Motor 1) with R-454A Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[DE]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CDE-0300-LD[ ]	35.9 (10.5)	44 (12.9)	52.7 (15.4)	61.8 (18.1)	71.6 (21)	81.9 (24)	93 (27.3)	104.7 (30.7)	117.1 (34.3)
CDE-0301-LD[ ]	36.7 (10.8)	45.1 (13.2)	54 (15.8)	63.5 (18.6)	73.6 (21.6)	84.5 (24.8)	96.1 (28.2)	108.5 (31.8)	121.7 (35.7)
CDE-0440-LD[ ]	43.2 (12.7)	52.9 (15.5)	63.1 (18.5)	74 (21.7)	85.4 (25)	97.6 (28.6)	110.6 (32.4)	124.3 (36.4)	138.9 (40.7)
CDE-0441-LD[ ]	44 (12.9)	53.9 (15.8)	64.4 (18.9)	75.6 (22.2)	87.5 (25.6)	100.1 (29.3)	113.6 (33.3)	128.1 (37.5)	143.4 (42)
CDE-0540-LD[ ]	52.3 (15.3)	63.8 (18.7)	76.1 (22.3)	89.4 (26.2)	103.6 (30.4)	119 (34.9)	135.4 (39.7)	153 (44.8)	171.8 (50.4)
CDE-0541-LD[ ]	53.7 (15.7)	65.6 (19.2)	78.4 (23)	92.3 (27.1)	107.4 (31.5)	123.7 (36.3)	141.2 (41.4)	160.2 (47)	180.6 (52.9)
CDE-0600-LD[ ]	66.3 (19.4)	79.5 (23.3)	93.6 (27.4)	108.8 (31.9)	125 (36.6)	142.3 (41.7)	160.8 (47.1)	180.5 (52.9)	201.4 (59)
CDE-0601-LD[ ]	68.5 (20.1)	82.4 (24.2)	97.4 (28.5)	113.6 (33.3)	131 (38.4)	149.9 (43.9)	170.2 (49.9)	192.1 (56.3)	215.6 (63.2)
CDE-0602-LD[ ]	67.4 (19.8)	81 (23.7)	95.6 (28)	111.2 (32.6)	128.1 (37.5)	146.1 (42.8)	165.6 (48.5)	186.4 (54.6)	208.6 (61.1)

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

CD Low Temperature Bitzer Ecoline (Motor 1) with R-454A Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[DE]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CDE-0300-LD[ ]	30.2 (8.9)	37.9 (11.1)	46 (13.5)	54.6 (16)	63.6 (18.6)	73.1 (21.4)	83.3 (24.4)	94 (27.5)	105.3 (30.9)
CDE-0301-LD[ ]	31 (9.1)	38.9 (11.4)	47.3 (13.9)	56.1 (16.4)	65.5 (19.2)	75.6 (22.2)	86.2 (25.3)	97.6 (28.6)	109.8 (32.2)
CDE-0440-LD[ ]	36.4 (10.7)	45.6 (13.4)	55.3 (16.2)	65.4 (19.2)	76 (22.3)	87.3 (25.6)	99.1 (29)	111.7 (32.7)	125 (36.6)
CDE-0441-LD[ ]	37.2 (10.9)	46.6 (13.7)	56.5 (16.6)	67 (19.6)	78 (22.9)	89.7 (26.3)	102.1 (29.9)	115.3 (33.8)	129.4 (37.9)
CDE-0540-LD[ ]	45.1 (13.2)	55.6 (16.3)	67 (19.6)	79.1 (23.2)	92.1 (27)	106.1 (31.1)	121.1 (35.5)	137.1 (40.2)	154.2 (45.2)
CDE-0541-LD[ ]	46.2 (13.5)	57.2 (16.8)	69 (20.2)	81.8 (24)	95.6 (28)	110.5 (32.4)	126.6 (37.1)	143.9 (42.2)	162.6 (47.7)
CDE-0600-LD[ ]	58.4 (17.1)	70.7 (20.7)	83.6 (24.5)	97.5 (28.6)	112.3 (32.9)	128 (37.5)	144.8 (42.4)	162.7 (47.7)	181.8 (53.3)
CDE-0601-LD[ ]	60.4 (17.7)	73.3 (21.5)	87.1 (25.5)	102 (29.9)	118 (34.6)	135.2 (39.6)	153.8 (45.1)	173.8 (50.9)	195.4 (57.3)
CDE-0602-LD[ ]	59.5 (17.4)	72 (21.1)	85.4 (25)	99.8 (29.2)	115.2 (33.8)	131.7 (38.6)	149.4 (43.8)	168.4 (49.4)	188.7 (55.3)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CD Low Temperature Bitzer Ecoline (Motor 1) with R-454C Electrical, Capacity, and Configuration Data

CD Low Temperature Bitzer Ecoline (Motor 1) with R-454C AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CDE-0300-LK[ ]	4HE-25	12410	N/A	75.6	10.8	186.9	250	37.8	5	93.1	125
CDE-0301-LK[ ]	4HE-25	13310	N/A	75.6	16.2	192.3	250	37.8	7.5	95.6	125
CDE-0440-LK[ ]	4GE-30	13310	N/A	89.7	16.2	224	300	44.9	7.5	111.5	150
CDE-0441-LK[ ]	4GE-30	13410	N/A	89.7	16.2	224	300	44.9	7.5	111.5	150
CDE-0540-LK[ ]	6HE-35	13410	N/A	105.1	16.2	258.7	350	52.6	7.5	128.9	175
CDE-0541-LK[ ]	6HE-35	22410	N/A	105.1	21.6	264.1	350	52.6	10	131.4	175
CDE-0600-LK[ ]	6GE-40	22310	N/A	141	21.6	344.9	450	70.5	10	171.6	225
CDE-0601-LK[ ]	6GE-40	23310	N/A	141	32.4	355.7	450	70.5	15	176.6	225
CDE-0602-LK[ ]	6GE-40	22410	N/A	141	21.6	344.9	450	70.5	10	171.6	225

CD Low Temperature Bitzer Ecoline (Motor 1) with R-454C Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[DE]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CDE-0300-LK[ ]	23.1 (6.8)	29 (8.5)	35.2 (10.3)	41.8 (12.3)	49 (14.4)	56.9 (16.7)	65.6 (19.2)	75.1 (22)	85.7 (25.1)
CDE-0301-LK[ ]	23.4 (6.9)	29.4 (8.6)	35.8 (10.5)	42.6 (12.5)	50 (14.7)	58.2 (17.1)	67.3 (19.7)	77.3 (22.7)	88.5 (25.9)
CDE-0440-LK[ ]	27.2 (8)	34 (10)	41.2 (12.1)	48.9 (14.3)	57.3 (16.8)	66.4 (19.5)	76.5 (22.4)	87.6 (25.7)	99.9 (29.3)
CDE-0441-LK[ ]	27.5 (8.1)	34.4 (10.1)	41.8 (12.3)	49.6 (14.5)	58.2 (17.1)	67.7 (19.8)	78.2 (22.9)	89.7 (26.3)	102.6 (30.1)
CDE-0540-LK[ ]	34.1 (10)	42.7 (12.5)	51.8 (15.2)	61.5 (18)	72.1 (21.1)	83.7 (24.5)	96.5 (28.3)	110.7 (32.4)	126.2 (37)
CDE-0541-LK[ ]	34.8 (10.2)	43.6 (12.8)	53 (15.5)	63 (18.5)	74.1 (21.7)	86.3 (25.3)	99.8 (29.2)	114.8 (33.6)	131.4 (38.5)
CDE-0600-LK[ ]	39.8 (11.7)	49.6 (14.5)	60 (17.6)	71.1 (20.8)	83.1 (24.4)	96.2 (28.2)	110.6 (32.4)	126.4 (37)	143.8 (42.1)
CDE-0601-LK[ ]	40.9 (12)	51 (14.9)	61.8 (18.1)	73.4 (21.5)	86.2 (25.3)	100.2 (29.4)	115.7 (33.9)	132.9 (39)	152 (44.5)
CDE-0602-LK[ ]	40.4 (11.8)	50.3 (14.7)	60.9 (17.8)	72.3 (21.2)	84.7 (24.8)	98.3 (28.8)	113.2 (33.2)	129.7 (38)	148 (43.4)

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

CD Low Temperature Bitzer Ecoline (Motor 1) with R-454C Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[DE]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CDE-0300-LK[ ]	19.6 (5.7)	25 (7.3)	30.7 (9)	36.7 (10.8)	43.2 (12.7)	50.3 (14.7)	58.1 (17)	66.8 (19.6)	76.3 (22.4)
CDE-0301-LK[ ]	20 (5.9)	25.5 (7.5)	31.3 (9.2)	37.5 (11)	44.2 (13)	51.6 (15.1)	59.8 (17.5)	68.9 (20.2)	79 (23.2)
CDE-0440-LK[ ]	23.3 (6.8)	29.6 (8.7)	36.2 (10.6)	43.2 (12.7)	50.7 (14.9)	58.9 (17.3)	68 (19.9)	78 (22.9)	89 (26.1)
CDE-0441-LK[ ]	23.6 (6.9)	30.1 (8.8)	36.8 (10.8)	43.9 (12.9)	51.7 (15.2)	60.2 (17.6)	69.6 (20.4)	80 (23.4)	91.6 (26.8)
CDE-0540-LK[ ]	28.9 (8.5)	36.9 (10.8)	45.2 (13.2)	54 (15.8)	63.6 (18.6)	74.1 (21.7)	85.6 (25.1)	98.4 (28.8)	112.5 (33)
CDE-0541-LK[ ]	29.6 (8.7)	37.7 (11)	46.3 (13.6)	55.5 (16.3)	65.5 (19.2)	76.6 (22.5)	88.8 (26)	102.4 (30)	117.5 (34.4)
CDE-0600-LK[ ]	33.4 (9.8)	42.7 (12.5)	52.3 (15.3)	62.5 (18.3)	73.4 (21.5)	85.3 (25)	98.3 (28.8)	112.6 (33)	128.3 (37.6)
CDE-0601-LK[ ]	34.6 (10.1)	44.2 (13)	54.2 (15.9)	64.9 (19)	76.5 (22.4)	89.3 (26.2)	103.3 (30.3)	118.9 (34.8)	136.1 (39.9)
CDE-0602-LK[ ]	34 (10)	43.5 (12.7)	53.3 (15.6)	63.7 (18.7)	75 (22)	87.3 (25.6)	100.9 (29.6)	115.8 (33.9)	132.3 (38.8)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CP Specifications

CP Connections, Receiver, and Weight

Model	Connections		Receiver[A]			Unit ID	Weight lb (kg)
Medium Temp.	Liquid	Suction	Size	R-454A lb (kg)	R-454C lb (kg)		
CP*-0100-M( )[ ]	7/8"	1 5/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CP-11	1,914 (868)
CP*-0101-M( )[ ]	7/8"	1 5/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CP-11	1,978 (897)
CP*-0150-M( )[ ]	7/8"	1 5/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CP-11	2,005 (909)
CP*-0151-M( )[ ]	7/8"	1 5/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CP-12	2,607 (1,182)
CP*-0160-M( )[ ]	1 1/8"	2 1/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CP-12	2,614 (1,186)
CP*-0161-M( )[ ]	1 1/8"	2 1/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CP-12	2,676 (1,214)
CP*-0162-M( )[ ]	1 1/8"	2 1/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CP-12	2,735 (1,240)
CP*-0180-M( )[ ]	1 1/8"	2 1/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CP-12	2,769 (1,256)
CP*-0181-M( )[ ]	1 1/8"	2 1/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CP-12	2,965 (1,345)
CP*-0200-M( )[ ]	1 3/8"	2 1/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CP-12	2,896 (1,313)
CP*-0201-M( )[ ]	1 3/8"	2 1/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CP-13	3,422 (1,552)
CP*-0202-M( )[ ]	1 3/8"	2 1/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CP-12	2,955 (1,340)
CP*-0240-M( )[ ]	1 3/8"	2 1/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CP-12	2,961 (1,343)
CP*-0241-M( )[ ]	1 3/8"	2 1/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CP-13	3,424 (1,553)
CP*-0300-M( )[ ]	1 3/8"	2 5/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CP-13	3,460 (1,570)
CP*-0301-M( )[ ]	1 3/8"	2 5/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CP-13	3,622 (1,643)
CP*-0400-M( )[ ]	1 3/8"	2 5/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CP-13	3,513 (1,594)
CP*-0401-M( )[ ]	1 3/8"	2 5/8"	10 3/4" x 96" (273 mm x 2.44 m)	280 (127)	287 (130.2)	CP-22	3,852 (1,747)
CP*-0402-M( )[ ]	1 3/8"	2 5/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CP-13	3,601 (1,634)
CP*-0500-M( )[ ]	1 3/8"	2 5/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CP-13	3,710 (1,683)
CP*-0501-M( )[ ]	1 3/8"	2 5/8"	10 3/4" x 96" (273 mm x 2.44 m)	280 (127)	287 (130.2)	CP-23	4,793 (2,174)
CP*-0600-M( )[ ]	1 3/8"	2 5/8"	10 3/4" x 96" (273 mm x 2.44 m)	280 (127)	287 (130.2)	CP-22	4,125 (1,871)
CP*-0601-M( )[ ]	1 3/8"	2 5/8"	10 3/4" x 108" (273 mm x 2.74 m)	315 (142.9)	322 (146.1)	CP-23	4,852 (2,201)
CP*-0700-M( )[ ]	1 3/8"	3 1/8"	10 3/4" x 96" (273 mm x 2.44 m)	280 (127)	287 (130.2)	CP-23	4,801 (2,178)
CP*-0701-M( )[ ]	1 5/8"	3 1/8"	10 3/4" x 144" (273 mm x 3.66 m)	420 (190.5)	430 (195)	CP-24	5,928 (2,689)
CP*-0702-M( )[ ]	1 5/8"	3 1/8"	10 3/4" x 144" (273 mm x 3.66 m)	420 (190.5)	430 (195)	CP-23	5,403 (2,451)
CP*-0800-M( )[ ]	1 5/8"	3 1/8"	10 3/4" x 144" (273 mm x 3.66 m)	420 (190.5)	430 (195)	CP-23	5,462 (2,477)
CP*-0801-M( )[ ]	1 5/8"	3 1/8"	10 3/4" x 144" (273 mm x 3.66 m)	420 (190.5)	430 (195)	CP-24	6,332 (2,872)

* Compressor type ( ) Refrigerant type [ ] Voltage

[A] Receiver capacity data is listed at 90% full and 90° F (32.2° C).

(continued from previous page)

Model	Connections		Receiver[A]			Unit ID	Weight lb (kg)
Low Temp.	Liquid	Suction	Size	R-454A lb (kg)	R-454C lb (kg)		
CP*-0300-L( )[ ]	1 1/8"	2 5/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CP-12	2,928 (1,328)
CP*-0301-L( )[ ]	1 1/8"	2 5/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CP-13	3,530 (1,601)
CP*-0303-L( )[ ]	1 1/8"	2 5/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CP-12	2,928 (1,328)
CP*-0440-L( )[ ]	1 1/8"	3 1/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CP-13	3,467 (1,573)
CP*-0441-L( )[ ]	1 1/8"	3 1/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CP-13	3,809 (1,728)
CP*-0443-L( )[ ]	1 1/8"	3 1/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CP-13	3,809 (1,728)
CP*-0540-L( )[ ]	1 3/8"	3 1/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CP-13	3,763 (1,707)
CP*-0541-L( )[ ]	1 3/8"	3 1/8"	10 3/4" x 96" (273 mm x 2.44 m)	280 (127)	287 (130.2)	CP-22	4,164 (1,889)
CP*-0543-L( )[ ]	1 3/8"	3 1/8"	10 3/4" x 96" (273 mm x 2.44 m)	280 (127)	287 (130.2)	CP-22	4,164 (1,889)
CP*-0600-L( )[ ]	1 3/8"	3 1/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CP-22	4,064 (1,843)
CP*-0601-L( )[ ]	1 3/8"	3 1/8"	10 3/4" x 96" (273 mm x 2.44 m)	280 (127)	287 (130.2)	CP-23	4,970 (2,254)
CP*-0602-L( )[ ]	1 3/8"	3 1/8"	10 3/4" x 96" (273 mm x 2.44 m)	280 (127)	287 (130.2)	CP-22	4,182 (1,897)
CP*-0603-L( )[ ]	1 3/8"	3 1/8"	10 3/4" x 96" (273 mm x 2.44 m)	280 (127)	287 (130.2)	CP-23	5,462 (2,478)

* Compressor type ( ) Refrigerant type [ ] Voltage

[A] Receiver capacity data is listed at 90% full and 90° F (32.2° C).

C-Series A2L

Specifications

CP Medium Temperature Bitzer Ecoline (Motor 2) with R-454A Electrical, Capacity, and Configuration Data

CP Medium Temperature Bitzer Ecoline (Motor 2) with R-454A AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CPB-0100-MD[ ]	4FES-3	11210	N/A	18	5.4	48.9	60	8.1	2.5	22.2	30
CPB-0101-MD[ ]	4FES-3	11410	7.6	18	5.4	48.9	60	8.1	2.5	22.2	30
CPB-0150-MD[ ]	4EES-4	11410	7.6	20.1	5.4	53.6	70	9.2	2.5	24.7	30
CPB-0151-MD[ ]	4EES-4	12210	7.6	20.1	10.8	59	70	9.2	5	27.2	35
CPB-0160-MD[ ]	4DES-5	12210	7.6	20.6	10.8	60.2	80	10.8	5	30.8	40
CPB-0161-MD[ ]	4DES-5	12310	7.6	20.6	10.8	60.2	80	10.8	5	30.8	40
CPB-0162-MD[ ]	4DES-5	12410	7.6	20.6	10.8	60.2	80	10.8	5	30.8	40
CPB-0180-MD[ ]	4CES-6	12210	7.6	25	10.8	70.1	90	14.2	5	38.5	50
CPB-0181-MD[ ]	4CES-6	12410	7.6	25	10.8	70.1	90	14.2	5	38.5	50
CPB-0200-MD[ ]	4TES-9	12310	7.6	28.2	10.8	77.3	100	14.1	5	38.2	50
CPB-0201-MD[ ]	4TES-9	13310	7.6	28.2	16.2	82.7	110	14.1	7.5	40.7	50
CPB-0202-MD[ ]	4TES-9	12410	7.6	28.2	10.8	77.3	100	14.1	5	38.2	50
CPB-0240-MD[ ]	4PES-12	12410	7.6	34.6	10.8	91.7	125	17.3	5	45.4	60
CPB-0241-MD[ ]	4PES-12	13310	7.6	34.6	16.2	97.1	125	17.3	7.5	47.9	60
CPB-0300-MD[ ]	4NES-14	13310	7.6	39.7	16.2	108.5	125	19.9	7.5	53.8	70
CPB-0301-MD[ ]	4NES-14	13410	7.6	39.7	16.2	108.5	125	19.9	7.5	53.8	70
CPB-0400-MD[ ]	4JE-15	13310	7.6	50	16.2	131.7	175	25	7.5	65.3	90
CPB-0401-MD[ ]	4JE-15	22310	7.6	50	21.6	137.1	175	25	10	67.8	90
CPB-0402-MD[ ]	4JE-15	13410	7.6	50	16.2	131.7	175	25	7.5	65.3	90
CPB-0500-MD[ ]	4HE-18	13410	7.6	54.1	16.2	140.9	175	27.1	7.5	70	90
CPB-0501-MD[ ]	4HE-18	23310	7.6	54.1	32.4	157.1	200	27.1	15	77.5	100
CPB-0600-MD[ ]	4GE-23	22410	7.6	57.7	21.6	154.4	200	28.8	10	76.3	100
CPB-0601-MD[ ]	4GE-23	23310	7.6	57.7	32.4	165.2	200	28.8	15	81.3	110
CPB-0700-MD[ ]	6HE-28	23310	7.6	77.6	32.4	210	250	38.8	15	103.8	125
CPB-0701-MD[ ]	6HE-28	24310	7.6	77.6	43.2	220.8	300	38.8	20	108.8	125
CPB-0702-MD[ ]	6HE-28	23410	7.6	77.6	32.4	210	250	38.8	15	103.8	125
CPB-0800-MD[ ]	6GE-34	23410	7.6	84.6	32.4	225.8	300	42.3	15	111.7	150
CPB-0801-MD[ ]	6GE-34	24410	7.6	84.6	43.2	236.6	300	42.3	20	116.7	150

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

CP Medium Temperature Bitzer Ecoline (Motor 2) with R-454A Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CPB-0100-MD[ ]	54.6 (16)	61.3 (18)	68.6 (20.1)	76.4 (22.4)	84.7 (24.8)	93.6 (27.4)	103 (30.2)
CPB-0101-MD[ ]	58.6 (17.2)	66.3 (19.4)	74.6 (21.9)	83.7 (24.5)	93.5 (27.4)	104 (30.5)	115.3 (33.8)
CPB-0150-MD[ ]	75.4 (22.1)	84.4 (24.7)	94 (27.5)	104.4 (30.6)	115.7 (33.9)	127.7 (37.4)	140.5 (41.2)
CPB-0151-MD[ ]	76.7 (22.5)	86 (25.2)	96 (28.1)	106.8 (31.3)	118.5 (34.7)	131.1 (38.4)	144.6 (42.4)
CPB-0160-MD[ ]	87.8 (25.7)	98.8 (29)	110.6 (32.4)	123.3 (36.1)	137 (40.2)	151.7 (44.5)	167.3 (49)
CPB-0161-MD[ ]	91.1 (26.7)	102.8 (30.1)	115.5 (33.9)	129.3 (37.9)	144.2 (42.3)	160.3 (47)	177.5 (52)
CPB-0162-MD[ ]	92.5 (27.1)	104.6 (30.7)	117.7 (34.5)	131.9 (38.7)	147.3 (43.2)	164 (48.1)	182 (53.3)
CPB-0180-MD[ ]	106.6 (31.2)	119.3 (35)	132.9 (39)	147.4 (43.2)	163 (47.8)	179.6 (52.6)	197.2 (57.8)
CPB-0181-MD[ ]	113.4 (33.2)	127.6 (37.4)	143 (41.9)	159.7 (46.8)	177.7 (52.1)	197.2 (57.8)	218.1 (63.9)
CPB-0200-MD[ ]	134.9 (39.5)	151.3 (44.3)	169 (49.5)	188 (55.1)	208.5 (61.1)	230.5 (67.6)	254 (74.4)
CPB-0201-MD[ ]	141.3 (41.4)	159.2 (46.7)	178.6 (52.3)	199.7 (58.5)	222.5 (65.2)	247.3 (72.5)	274 (80.3)
CPB-0202-MD[ ]	138.2 (40.5)	155.3 (45.5)	173.8 (50.9)	193.9 (56.8)	215.6 (63.2)	239 (70)	264.1 (77.4)
CPB-0240-MD[ ]	152.3 (44.6)	171.6 (50.3)	192.5 (56.4)	215.1 (63)	239.5 (70.2)	265.6 (77.8)	293.7 (86.1)
CPB-0241-MD[ ]	156.4 (45.8)	176.7 (51.8)	198.7 (58.2)	222.7 (65.3)	248.5 (72.8)	276.5 (81)	306.6 (89.9)
CPB-0300-MD[ ]	183.5 (53.8)	206.4 (60.5)	231.1 (67.7)	257.8 (75.6)	286.6 (84)	317.5 (93.1)	350.8 (102.8)
CPB-0301-MD[ ]	187.6 (55)	211.4 (62)	237.2 (69.5)	265.2 (77.7)	295.5 (86.6)	328.2 (96.2)	363.5 (106.5)
CPB-0400-MD[ ]	213.5 (62.6)	238.7 (70)	265.8 (77.9)	294.8 (86.4)	325.9 (95.5)	359.1 (105.2)	394.5 (115.6)
CPB-0401-MD[ ]	220.7 (64.7)	247.5 (72.5)	276.4 (81)	307.6 (90.2)	341.2 (100)	377.3 (110.6)	416 (121.9)
CPB-0402-MD[ ]	218.4 (64)	244.7 (71.7)	273 (80)	303.6 (89)	336.4 (98.6)	371.6 (108.9)	409.2 (119.9)
CPB-0500-MD[ ]	252.1 (73.9)	281.6 (82.5)	313.3 (91.8)	347.4 (101.8)	384 (112.5)	423.2 (124)	465.1 (136.3)
CPB-0501-MD[ ]	265.6 (77.8)	298 (87.3)	333.2 (97.7)	371.4 (108.9)	412.8 (121)	457.5 (134.1)	505.6 (148.2)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

(continued from previous page)

Model	MBH (kW)[E]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CPB-0600-MD[ ]	281.6 (82.5)	316.3 (92.7)	353.9 (103.7)	394.5 (115.6)	438.3 (128.5)	485.5 (142.3)	536 (157.1)
CPB-0601-MD[ ]	288.3 (84.5)	324.4 (95.1)	363.8 (106.6)	406.4 (119.1)	452.6 (132.6)	502.4 (147.2)	556 (163)
CPB-0700-MD[ ]	376.1 (110.2)	421.4 (123.5)	470.3 (137.8)	522.9 (153.3)	579.5 (169.8)	640.1 (187.6)	704.8 (206.6)
CPB-0701-MD[ ]	387.5 (113.6)	435.3 (127.6)	487.2 (142.8)	543.3 (159.2)	604 (177)	669.3 (196.2)	739.4 (216.7)
CPB-0702-MD[ ]	383.9 (112.5)	430.9 (126.3)	481.9 (141.2)	536.9 (157.4)	596.3 (174.8)	660.1 (193.5)	728.5 (213.5)
CPB-0800-MD[ ]	432.8 (126.8)	483.8 (141.8)	538.9 (157.9)	598.6 (175.4)	663 (194.3)	732.3 (214.6)	806.6 (236.4)
CPB-0801-MD[ ]	445.1 (130.5)	498.7 (146.2)	557.2 (163.3)	620.7 (181.9)	689.6 (202.1)	764.1 (223.9)	844.4 (247.5)

CP Medium Temperature Bitzer Ecoline (Motor 2) with R-454A Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CPB-0100-MD[ ]	48.8 (14.3)	55 (16.1)	61.6 (18.1)	68.8 (20.2)	76.4 (22.4)	84.5 (24.8)	93.1 (27.3)
CPB-0101-MD[ ]	52.5 (15.4)	59.6 (17.5)	67.2 (19.7)	75.5 (22.1)	84.5 (24.8)	94.2 (27.6)	104.7 (30.7)
CPB-0150-MD[ ]	68.5 (20.1)	76.7 (22.5)	85.5 (25.1)	95.1 (27.9)	105.4 (30.9)	116.4 (34.1)	128.2 (37.6)
CPB-0151-MD[ ]	69.7 (20.4)	78.2 (22.9)	87.4 (25.6)	97.3 (28.5)	108.1 (31.7)	119.6 (35.1)	132.1 (38.7)
CPB-0160-MD[ ]	79.2 (23.2)	89.2 (26.1)	100 (29.3)	111.7 (32.7)	124.2 (36.4)	137.7 (40.4)	152.1 (44.6)
CPB-0161-MD[ ]	82.3 (24.1)	93 (27.3)	104.6 (30.7)	117.3 (34.4)	131 (38.4)	145.8 (42.7)	161.8 (47.4)
CPB-0162-MD[ ]	83.6 (24.5)	94.6 (27.7)	106.6 (31.2)	119.7 (35.1)	134 (39.3)	149.4 (43.8)	166 (48.7)
CPB-0180-MD[ ]	96.5 (28.3)	108 (31.7)	120.4 (35.3)	133.8 (39.2)	148 (43.4)	163.3 (47.9)	179.4 (52.6)
CPB-0181-MD[ ]	102.9 (30.2)	115.9 (34)	130 (38.1)	145.3 (42.6)	162 (47.5)	179.9 (52.7)	199.2 (58.4)
CPB-0200-MD[ ]	121.4 (35.6)	136.3 (39.9)	152.4 (44.7)	169.8 (49.8)	188.6 (55.3)	208.7 (61.2)	230.3 (67.5)
CPB-0201-MD[ ]	127.3 (37.3)	143.6 (42.1)	161.3 (47.3)	180.6 (52.9)	201.6 (59.1)	224.3 (65.7)	248.9 (72.9)
CPB-0202-MD[ ]	124.4 (36.5)	140 (41)	156.9 (46)	175.3 (51.4)	195.1 (57.2)	216.6 (63.5)	239.7 (70.3)
CPB-0240-MD[ ]	136 (39.9)	153.6 (45)	172.6 (50.6)	193.3 (56.7)	215.5 (63.2)	239.5 (70.2)	265.3 (77.8)
CPB-0241-MD[ ]	139.7 (40.9)	158.2 (46.4)	178.3 (52.3)	200.1 (58.6)	223.9 (65.6)	249.5 (73.1)	277.2 (81.2)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

(continued from previous page)

Model	MBH (kW)[E]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CPB-0300-MD[ ]	164.8 (48.3)	185.6 (54.4)	208.1 (61)	232.5 (68.1)	258.8 (75.8)	287.2 (84.2)	317.8 (93.1)
CPB-0301-MD[ ]	168.5 (49.4)	190.2 (55.7)	213.7 (62.6)	239.3 (70.1)	267.1 (78.3)	297.1 (87.1)	329.6 (96.6)
CPB-0400-MD[ ]	193.6 (56.7)	216.8 (63.5)	241.7 (70.8)	268.3 (78.6)	296.9 (87)	327.5 (96)	360.1 (105.5)
CPB-0401-MD[ ]	200.5 (58.8)	225.1 (66)	251.8 (73.8)	280.5 (82.2)	311.5 (91.3)	344.9 (101.1)	380.7 (111.6)
CPB-0402-MD[ ]	198.3 (58.1)	222.5 (65.2)	248.6 (72.9)	276.7 (81.1)	306.9 (89.9)	339.4 (99.5)	374.2 (109.7)
CPB-0500-MD[ ]	228.6 (67)	255.5 (74.9)	284.6 (83.4)	315.8 (92.6)	349.5 (102.4)	385.6 (113)	424.2 (124.3)
CPB-0501-MD[ ]	241.4 (70.8)	271.1 (79.5)	303.5 (89)	338.6 (99.2)	376.8 (110.4)	418.2 (122.6)	462.8 (135.6)
CPB-0600-MD[ ]	253 (74.2)	284.7 (83.4)	319.2 (93.6)	356.5 (104.5)	396.9 (116.3)	440.5 (129.1)	487.2 (142.8)
CPB-0601-MD[ ]	259.2 (76)	292.3 (85.7)	328.4 (96.2)	367.7 (107.8)	410.3 (120.3)	456.4 (133.8)	506.1 (148.3)
CPB-0700-MD[ ]	340.7 (99.9)	382.2 (112)	427 (125.1)	475.4 (139.3)	527.4 (154.6)	583.3 (171)	643 (188.5)
CPB-0701-MD[ ]	351.4 (103)	395.3 (115.9)	443 (129.8)	494.7 (145)	550.6 (161.4)	611 (179.1)	676 (198.1)
CPB-0702-MD[ ]	348 (102)	391.2 (114.7)	438 (128.4)	488.6 (143.2)	543.3 (159.2)	602.2 (176.5)	665.5 (195)
CPB-0800-MD[ ]	393.2 (115.2)	439.7 (128.9)	490.1 (143.6)	544.8 (159.7)	603.8 (177)	667.5 (195.6)	736 (215.7)
CPB-0801-MD[ ]	404.6 (118.6)	453.7 (133)	507.2 (148.7)	565.5 (165.7)	628.8 (184.3)	697.5 (204.4)	771.7 (226.2)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CP Medium Temperature Bitzer Ecoline (Motor 2) with R-454C Electrical, Capacity, and Configuration Data

CP Medium Temperature Bitzer Ecoline (Motor 2) with R-454C AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CPB-0100-MK[ ]	4FES-3	11210	N/A	18	5.4	48.9	60	8.1	2.5	22.2	30
CPB-0101-MK[ ]	4FES-3	11410	7.6	18	5.4	48.9	60	8.1	2.5	22.2	30
CPB-0150-MK[ ]	4EES-4	11410	7.6	20.1	5.4	53.6	70	9.2	2.5	24.7	30
CPB-0151-MK[ ]	4EES-4	12210	7.6	20.1	10.8	59	70	9.2	5	27.2	35
CPB-0160-MK[ ]	4DES-5	12210	7.6	20.6	10.8	60.2	80	10.8	5	30.8	40
CPB-0161-MK[ ]	4DES-5	12310	7.6	20.6	10.8	60.2	80	10.8	5	30.8	40
CPB-0162-MK[ ]	4DES-5	12410	7.6	20.6	10.8	60.2	80	10.8	5	30.8	40
CPB-0180-MK[ ]	4CES-6	12210	7.6	25	10.8	70.1	90	14.2	5	38.5	50
CPB-0181-MK[ ]	4CES-6	12410	7.6	25	10.8	70.1	90	14.2	5	38.5	50
CPB-0200-MK[ ]	4TES-9	12310	7.6	28.2	10.8	77.3	100	14.1	5	38.2	50
CPB-0201-MK[ ]	4TES-9	13310	7.6	28.2	16.2	82.7	110	14.1	7.5	40.7	50
CPB-0202-MK[ ]	4TES-9	12410	7.6	28.2	10.8	77.3	100	14.1	5	38.2	50
CPB-0240-MK[ ]	4PES-12	12410	7.6	34.6	10.8	91.7	125	17.3	5	45.4	60
CPB-0241-MK[ ]	4PES-12	13310	7.6	34.6	16.2	97.1	125	17.3	7.5	47.9	60
CPB-0300-MK[ ]	4NES-14	13310	7.6	39.7	16.2	108.5	125	19.9	7.5	53.8	70
CPB-0301-MK[ ]	4NES-14	13410	7.6	39.7	16.2	108.5	125	19.9	7.5	53.8	70
CPB-0400-MK[ ]	4JE-15	13310	7.6	50	16.2	131.7	175	25	7.5	65.3	90
CPB-0401-MK[ ]	4JE-15	22310	7.6	50	21.6	137.1	175	25	10	67.8	90
CPB-0402-MK[ ]	4JE-15	13410	7.6	50	16.2	131.7	175	25	7.5	65.3	90
CPB-0500-MK[ ]	4HE-18	13410	7.6	54.1	16.2	140.9	175	27.1	7.5	70	90
CPB-0501-MK[ ]	4HE-18	23310	7.6	54.1	32.4	157.1	200	27.1	15	77.5	100
CPB-0600-MK[ ]	4GE-23	22410	7.6	57.7	21.6	154.4	200	28.8	10	76.3	100
CPB-0601-MK[ ]	4GE-23	23310	7.6	57.7	32.4	165.2	200	28.8	15	81.3	110
CPB-0700-MK[ ]	6HE-28	23310	7.6	77.6	32.4	210	250	38.8	15	103.8	125
CPB-0701-MK[ ]	6HE-28	24310	7.6	77.6	43.2	220.8	300	38.8	20	108.8	125
CPB-0702-MK[ ]	6HE-28	23410	7.6	77.6	32.4	210	250	38.8	15	103.8	125
CPB-0800-MK[ ]	6GE-34	23410	7.6	84.6	32.4	225.8	300	42.3	15	111.7	150
CPB-0801-MK[ ]	6GE-34	24410	7.6	84.6	43.2	236.6	300	42.3	20	116.7	150

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

CP Medium Temperature Bitzer Ecoline (Motor 2) with R-454C Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CPB-0100-MK[ ]	44.1 (12.9)	50.3 (14.7)	57 (16.7)	64.4 (18.9)	72.4 (21.2)	81.1 (23.8)	90.4 (26.5)
CPB-0101-MK[ ]	46.9 (13.7)	53.7 (15.7)	61.2 (17.9)	69.4 (20.3)	78.5 (23)	88.4 (25.9)	99.1 (29)
CPB-0150-MK[ ]	57.4 (16.8)	65.7 (19.3)	74.7 (21.9)	84.7 (24.8)	95.6 (28)	107.4 (31.5)	120.2 (35.2)
CPB-0151-MK[ ]	58.4 (17.1)	66.8 (19.6)	76.1 (22.3)	86.4 (25.3)	97.6 (28.6)	109.9 (32.2)	123.2 (36.1)
CPB-0160-MK[ ]	65.6 (19.2)	75.1 (22)	85.5 (25.1)	97 (28.4)	109.5 (32.1)	123.1 (36.1)	137.9 (40.4)
CPB-0161-MK[ ]	67.7 (19.8)	77.6 (22.7)	88.7 (26)	100.8 (29.5)	114.1 (33.4)	128.7 (37.7)	144.6 (42.4)
CPB-0162-MK[ ]	68.6 (20.1)	78.7 (23.1)	90 (26.4)	102.5 (30)	116.1 (34)	131.1 (38.4)	147.5 (43.2)
CPB-0180-MK[ ]	81.7 (23.9)	93 (27.3)	105.6 (30.9)	119.2 (34.9)	134.2 (39.3)	150.3 (44.1)	167.8 (49.2)
CPB-0181-MK[ ]	86.2 (25.3)	98.7 (28.9)	112.4 (32.9)	127.6 (37.4)	144.2 (42.3)	162.4 (47.6)	182.2 (53.4)
CPB-0200-MK[ ]	100.4 (29.4)	115.2 (33.8)	131.4 (38.5)	149.3 (43.8)	168.8 (49.5)	190 (55.7)	213 (62.4)
CPB-0201-MK[ ]	104.4 (30.6)	120.2 (35.2)	137.6 (40.3)	156.9 (46)	178 (52.2)	201.1 (58.9)	226.2 (66.3)
CPB-0202-MK[ ]	102.5 (30)	117.7 (34.5)	134.6 (39.4)	153.1 (44.9)	173.5 (50.8)	195.6 (57.3)	219.7 (64.4)
CPB-0240-MK[ ]	114.5 (33.6)	131.8 (38.6)	150.9 (44.2)	172 (50.4)	195 (57.2)	220 (64.5)	247.2 (72.5)
CPB-0241-MK[ ]	117.1 (34.3)	135 (39.6)	154.9 (45.4)	176.9 (51.8)	200.9 (58.9)	227.2 (66.6)	255.8 (75)
CPB-0300-MK[ ]	138.2 (40.5)	158.7 (46.5)	181.4 (53.2)	206.3 (60.5)	233.5 (68.4)	263.2 (77.1)	295.4 (86.6)
CPB-0301-MK[ ]	140.8 (41.3)	162 (47.5)	185.4 (54.3)	211.2 (61.9)	239.4 (70.2)	270.3 (79.2)	303.9 (89.1)
CPB-0400-MK[ ]	158.8 (46.5)	181.3 (53.1)	206.1 (60.4)	233.2 (68.3)	262.7 (77)	294.8 (86.4)	329.5 (96.6)
CPB-0401-MK[ ]	163.6 (47.9)	187.2 (54.9)	213.2 (62.5)	241.8 (70.9)	273.1 (80)	307.2 (90)	344.3 (100.9)
CPB-0402-MK[ ]	162.1 (47.5)	185.3 (54.3)	211 (61.8)	239.1 (70.1)	269.8 (79.1)	303.3 (88.9)	339.6 (99.5)
CPB-0500-MK[ ]	187.2 (54.9)	213.4 (62.5)	242.2 (71)	273.7 (80.2)	308.1 (90.3)	345.4 (101.2)	385.7 (113)
CPB-0501-MK[ ]	195.8 (57.4)	224 (65.7)	255.2 (74.8)	289.5 (84.8)	327.2 (95.9)	368.3 (107.9)	413 (121)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

(continued from previous page)

Model	MBH (kW)[E]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CPB-0600-MK[ ]	220.8 (64.7)	251.5 (73.7)	285.4 (83.6)	322.5 (94.5)	363 (106.4)	407 (119.3)	454.7 (133.3)
CPB-0601-MK[ ]	225.1 (66)	256.8 (75.3)	291.9 (85.6)	330.3 (96.8)	372.5 (109.2)	418.4 (122.6)	468.2 (137.2)
CPB-0700-MK[ ]	278.6 (81.7)	317.9 (93.2)	361.1 (105.8)	408.6 (119.8)	460.3 (134.9)	516.7 (151.4)	577.7 (169.3)
CPB-0701-MK[ ]	285.7 (83.7)	326.6 (95.7)	371.8 (109)	421.5 (123.5)	476 (139.5)	535.4 (156.9)	600 (175.8)
CPB-0702-MK[ ]	283.5 (83.1)	323.9 (94.9)	368.5 (108)	417.5 (122.4)	471.1 (138.1)	529.5 (155.2)	593 (173.8)
CPB-0800-MK[ ]	328 (96.1)	372.9 (109.3)	422.3 (123.8)	476.4 (139.6)	535.4 (156.9)	599.5 (175.7)	669 (196.1)
CPB-0801-MK[ ]	336 (98.5)	382.7 (112.2)	434.3 (127.3)	490.9 (143.9)	552.9 (162)	620.6 (181.9)	694.1 (203.4)

CP Medium Temperature Bitzer Ecoline (Motor 2) with R-454C Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CPB-0100-MK[ ]	39.4 (11.5)	45.1 (13.2)	51.3 (15)	58.1 (17)	65.5 (19.2)	73.6 (21.6)	82.4 (24.2)
CPB-0101-MK[ ]	42 (12.3)	48.2 (14.1)	55.2 (16.2)	62.8 (18.4)	71.3 (20.9)	80.5 (23.6)	90.5 (26.5)
CPB-0150-MK[ ]	51.3 (15)	58.9 (17.3)	67.3 (19.7)	76.5 (22.4)	86.6 (25.4)	97.7 (28.6)	109.7 (32.2)
CPB-0151-MK[ ]	52.2 (15.3)	59.9 (17.6)	68.6 (20.1)	78.1 (22.9)	88.5 (25.9)	100 (29.3)	112.4 (32.9)
CPB-0160-MK[ ]	58.6 (17.2)	67.3 (19.7)	77 (22.6)	87.6 (25.7)	99.3 (29.1)	112 (32.8)	125.8 (36.9)
CPB-0161-MK[ ]	60.5 (17.7)	69.7 (20.4)	79.9 (23.4)	91.2 (26.7)	103.6 (30.4)	117.2 (34.3)	132.1 (38.7)
CPB-0162-MK[ ]	61.3 (18)	70.7 (20.7)	81.1 (23.8)	92.7 (27.2)	105.5 (30.9)	119.5 (35)	134.8 (39.5)
CPB-0180-MK[ ]	73.1 (21.4)	83.6 (24.5)	95.2 (27.9)	107.9 (31.6)	121.8 (35.7)	136.9 (40.1)	153.2 (44.9)
CPB-0181-MK[ ]	77.4 (22.7)	88.8 (26)	101.6 (29.8)	115.7 (33.9)	131.2 (38.5)	148.2 (43.4)	166.7 (48.9)
CPB-0200-MK[ ]	89.3 (26.2)	102.9 (30.2)	118 (34.6)	134.6 (39.4)	152.7 (44.8)	172.6 (50.6)	194.1 (56.9)
CPB-0201-MK[ ]	93 (27.3)	107.5 (31.5)	123.6 (36.2)	141.5 (41.5)	161.2 (47.2)	182.8 (53.6)	206.4 (60.5)
CPB-0202-MK[ ]	91.2 (26.7)	105.3 (30.9)	120.9 (35.4)	138.1 (40.5)	157 (46)	177.8 (52.1)	200.4 (58.7)
CPB-0240-MK[ ]	101.2 (29.7)	117.1 (34.3)	134.8 (39.5)	154.3 (45.2)	175.7 (51.5)	199.1 (58.4)	224.6 (65.8)
CPB-0241-MK[ ]	103.6 (30.4)	120.1 (35.2)	138.5 (40.6)	158.8 (46.5)	181.2 (53.1)	205.7 (60.3)	232.5 (68.1)

[ ] Voltage

[D] Capacity data listed per refrigeration circuit. Each unit has two refrigeration circuits.

[E] All temperatures shown reflect the midpoint evaporator temperature.

(continued from previous page)

Model	MBH (kW)[E]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CPB-0300-MK[ ]	122.8 (36)	141.6 (41.5)	162.5 (47.6)	185.6 (54.4)	211 (61.8)	238.7 (70)	268.9 (78.8)
CPB-0301-MK[ ]	125.2 (36.7)	144.6 (42.4)	166.2 (48.7)	190.2 (55.7)	216.5 (63.5)	245.4 (71.9)	276.9 (81.2)
CPB-0400-MK[ ]	142 (41.6)	162.8 (47.7)	185.8 (54.5)	211.1 (61.9)	238.7 (70)	268.9 (78.8)	301.5 (88.4)
CPB-0401-MK[ ]	146.4 (42.9)	168.3 (49.3)	192.5 (56.4)	219.1 (64.2)	248.4 (72.8)	280.5 (82.2)	315.4 (92.4)
CPB-0402-MK[ ]	145 (42.5)	166.5 (48.8)	190.4 (55.8)	216.6 (63.5)	245.4 (71.9)	276.8 (81.1)	311 (91.1)
CPB-0500-MK[ ]	167.6 (49.1)	191.8 (56.2)	218.5 (64)	247.8 (72.6)	279.9 (82)	314.9 (92.3)	352.8 (103.4)
CPB-0501-MK[ ]	175.6 (51.5)	201.7 (59.1)	230.7 (67.6)	262.6 (77)	297.8 (87.3)	336.4 (98.6)	378.5 (110.9)
CPB-0600-MK[ ]	198 (58)	226.4 (66.4)	257.7 (75.5)	292.2 (85.6)	329.9 (96.7)	371.1 (108.8)	415.8 (121.9)
CPB-0601-MK[ ]	202 (59.2)	231.3 (67.8)	263.8 (77.3)	299.6 (87.8)	338.8 (99.3)	381.8 (111.9)	428.7 (125.6)
CPB-0700-MK[ ]	249.8 (73.2)	286.1 (83.9)	326.3 (95.6)	370.5 (108.6)	418.9 (122.8)	471.8 (138.3)	529.3 (155.1)
CPB-0701-MK[ ]	256.4 (75.1)	294.3 (86.3)	336.3 (98.6)	382.6 (112.1)	433.6 (127.1)	489.4 (143.4)	550.2 (161.3)
CPB-0702-MK[ ]	254.3 (74.5)	291.7 (85.5)	333.1 (97.6)	378.8 (111)	429 (125.7)	483.8 (141.8)	543.6 (159.3)
CPB-0800-MK[ ]	295 (86.5)	336.4 (98.6)	382.1 (112)	432.3 (126.7)	487.3 (142.8)	547.3 (160.4)	612.5 (179.5)
CPB-0801-MK[ ]	302.5 (88.7)	345.6 (101.3)	393.4 (115.3)	446 (130.7)	503.9 (147.7)	567.2 (166.2)	636.2 (186.5)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CP Low Temperature Bitzer Ecoline (Motor 2) with R-454A Electrical, Capacity, and Configuration Data

CP Low Temperature Bitzer Ecoline (Motor 2) with R-454A AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CPB-0300-LD[ ]	4HE-18	12410	3.15	54.1	10.8	135.5	175	27.1	5	67.5	90
CPB-0301-LD[ ]	4HE-18	13310	3.15	54.1	16.2	140.9	175	27.1	7.5	70	90
CPB-0303-LD[ ]	4HE-18	12410[F]	3.15	54.1	6.8	131.5	175	27.1	3.2	65.7	90
CPB-0440-LD[ ]	4GE-23	13310	N/A	57.7	16.2	149	200	28.8	7.5	73.8	100
CPB-0441-LD[ ]	4GE-23	13410	3.15	57.7	16.2	149	200	28.8	7.5	73.8	100
CPB-0443-LD[ ]	4GE-23	13410[F]	3.15	57.7	10.2	143	200	28.8	4.8	71.1	90
CPB-0540-LD[ ]	6HE-28	13410	N/A	77.6	16.2	193.8	250	38.8	7.5	96.3	125
CPB-0541-LD[ ]	6HE-28	22410	3.15	77.6	21.6	199.2	250	38.8	10	98.8	125
CPB-0543-LD[ ]	6HE-28	22410[F]	3.15	77.6	13.6	191.2	250	38.8	6.4	95.2	125
CPB-0600-LD[ ]	6GE-34	22310	N/A	84.6	21.6	215	250	42.3	10	106.7	125
CPB-0601-LD[ ]	6GE-34	23310	N/A	84.6	32.4	225.8	300	42.3	15	111.7	150
CPB-0602-LD[ ]	6GE-34	22410	N/A	84.6	21.6	215	250	42.3	10	106.7	125
CPB-0603-LD[ ]	6GE-34	23410[F]	3.15	84.6	20.4	213.8	250	42.3	9.6	106.3	125

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

[F] Uses 'E' motor condenser instead of standard 'F' motor

CP Low Temperature Bitzer Ecoline (Motor 2) with R-454A Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CPB-0300-LD[ ]	77.7 (22.8)	94.1 (27.6)	111.1 (32.6)	128.9 (37.8)	147.7 (43.3)	167.7 (49.2)	189.1 (55.4)	211.8 (62.1)	236.2 (69.2)
CPB-0301-LD[ ]	79.2 (23.2)	96 (28.1)	113.6 (33.3)	132.1 (38.7)	151.7 (44.5)	172.7 (50.6)	195.2 (57.2)	219.4 (64.3)	245.4 (71.9)
CPB-0303-LD[ ]	74.7 (21.9)	90.2 (26.4)	106.2 (31.1)	122.8 (36)	140.1 (41.1)	158.2 (46.4)	177.4 (52)	197.6 (57.9)	218.8 (64.1)
CPB-0440-LD[ ]	82 (24)	99.9 (29.3)	118.7 (34.8)	138.6 (40.6)	159.8 (46.8)	182.6 (53.5)	207.1 (60.7)	233.4 (68.4)	261.8 (76.7)
CPB-0441-LD[ ]	83.3 (24.4)	101.7 (29.8)	121 (35.5)	141.6 (41.5)	163.6 (47.9)	187.3 (54.9)	212.9 (62.4)	240.6 (70.5)	270.5 (79.3)
CPB-0443-LD[ ]	80.8 (23.7)	98.3 (28.8)	116.7 (34.2)	136 (39.9)	156.6 (45.9)	178.6 (52.3)	202.1 (59.2)	227.3 (66.6)	254.3 (74.5)
CPB-0540-LD[ ]	111.2 (32.6)	135.1 (39.6)	160.2 (47)	186.7 (54.7)	214.9 (63)	244.9 (71.8)	277 (81.2)	311.3 (91.2)	348.1 (102)
CPB-0541-LD[ ]	114 (33.4)	138.7 (40.7)	164.8 (48.3)	192.6 (56.4)	222.3 (65.2)	254.2 (74.5)	288.5 (84.6)	325.6 (95.4)	365.5 (107.1)
CPB-0543-LD[ ]	110.7 (32.4)	134.5 (39.4)	159.4 (46.7)	185.7 (54.4)	213.6 (62.6)	243.3 (71.3)	275 (80.6)	308.9 (90.5)	345.1 (101.1)
CPB-0600-LD[ ]	133.1 (39)	160.6 (47.1)	189 (55.4)	218.7 (64.1)	249.9 (73.2)	282.9 (82.9)	318.2 (93.3)	355.7 (104.2)	395.9 (116)
CPB-0601-LD[ ]	137.6 (40.3)	166.4 (48.8)	196.3 (57.5)	227.8 (66.8)	261.4 (76.6)	297.4 (87.2)	336.1 (98.5)	377.8 (110.7)	422.9 (123.9)
CPB-0602-LD[ ]	135.4 (39.7)	163.6 (47.9)	192.7 (56.5)	223.3 (65.4)	255.7 (74.9)	290.3 (85.1)	327.2 (95.9)	366.9 (107.5)	409.6 (120)
CPB-0603-LD[ ]	136.2 (39.9)	164.6 (48.2)	194 (56.9)	225 (65.9)	257.8 (75.6)	292.9 (85.8)	330.4 (96.8)	370.9 (108.7)	414.4 (121.5)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CP Low Temperature Bitzer Ecoline (Motor 2) with R-454A Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CPB-0300-LD[ ]	68 (19.9)	83.4 (24.4)	99.3 (29.1)	115.8 (33.9)	133.1 (39)	151.3 (44.3)	170.8 (50.1)	191.5 (56.1)	213.6 (62.6)
CPB-0301-LD[ ]	69.4 (20.3)	85.2 (25)	101.6 (29.8)	118.7 (34.8)	136.7 (40.1)	155.9 (45.7)	176.5 (51.7)	198.5 (58.2)	222.2 (65.1)
CPB-0303-LD[ ]	65.4 (19.2)	80 (23.4)	94.9 (27.8)	110.2 (32.3)	126 (36.9)	142.6 (41.8)	159.9 (46.9)	178.2 (52.2)	197.4 (57.9)
CPB-0440-LD[ ]	71.2 (20.9)	87.7 (25.7)	104.9 (30.7)	123.1 (36.1)	142.4 (41.7)	163 (47.8)	185.2 (54.3)	209.1 (61.3)	234.9 (68.8)
CPB-0441-LD[ ]	72.2 (21.2)	89.2 (26.1)	106.9 (31.3)	125.6 (36.8)	145.7 (42.7)	167.2 (49)	190.5 (55.8)	215.6 (63.2)	242.9 (71.2)
CPB-0443-LD[ ]	70.2 (20.6)	86.4 (25.3)	103.2 (30.2)	120.9 (35.4)	139.6 (40.9)	159.5 (46.7)	180.8 (53)	203.6 (59.7)	228.1 (66.9)
CPB-0540-LD[ ]	96.8 (28.4)	119.3 (35)	142.7 (41.8)	167.2 (49)	193 (56.6)	220.5 (64.6)	249.8 (73.2)	281.1 (82.4)	314.5 (92.2)
CPB-0541-LD[ ]	99.3 (29.1)	122.5 (35.9)	146.8 (43)	172.5 (50.6)	199.8 (58.6)	229 (67.1)	260.5 (76.3)	294.3 (86.3)	330.7 (96.9)
CPB-0543-LD[ ]	96.4 (28.3)	118.8 (34.8)	142 (41.6)	166.3 (48.7)	191.9 (56.2)	219 (64.2)	247.9 (72.7)	278.8 (81.7)	311.7 (91.4)
CPB-0600-LD[ ]	117.6 (34.5)	143.6 (42.1)	170.1 (49.9)	197.6 (57.9)	226.2 (66.3)	256.4 (75.1)	288.4 (84.5)	322.5 (94.5)	358.9 (105.2)
CPB-0601-LD[ ]	121.4 (35.6)	148.6 (43.6)	176.6 (51.8)	205.8 (60.3)	236.6 (69.3)	269.6 (79)	304.9 (89.4)	342.9 (100.5)	384 (112.5)
CPB-0602-LD[ ]	119.5 (35)	146.1 (42.8)	173.4 (50.8)	201.7 (59.1)	231.5 (67.8)	263.1 (77.1)	296.8 (87)	332.8 (97.5)	371.6 (108.9)
CPB-0603-LD[ ]	120.2 (35.2)	147 (43.1)	174.5 (51.1)	203.2 (59.6)	233.4 (68.4)	265.4 (77.8)	299.7 (87.8)	336.5 (98.6)	376.1 (110.2)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

CP Low Temperature Bitzer Ecoline (Motor 2) with R-454C Electrical, Capacity, and Configuration Data

CP Low Temperature Bitzer Ecoline (Motor 2) with R-454C AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CPB-0300-LK[ ]	4HE-18	12410	N/A	54.1	10.8	135.5	175	27.1	5	67.5	90
CPB-0301-LK[ ]	4HE-18	13310	N/A	54.1	16.2	140.9	175	27.1	7.5	70	90
CPB-0303-LK[ ]	4HE-18	12410[F]	3.15	54.1	6.8	131.5	175	27.1	3.2	65.7	90
CPB-0440-LK[ ]	4GE-23	13310	N/A	57.7	16.2	149	200	28.8	7.5	73.8	100
CPB-0441-LK[ ]	4GE-23	13410	N/A	57.7	16.2	149	200	28.8	7.5	73.8	100
CPB-0443-LK[ ]	4GE-23	13410[F]	3.15	57.7	10.2	143	200	28.8	4.8	71.1	90
CPB-0540-LK[ ]	6HE-28	13410	N/A	77.6	16.2	193.8	250	38.8	7.5	96.3	125
CPB-0541-LK[ ]	6HE-28	22410	N/A	77.6	21.6	199.2	250	38.8	10	98.8	125
CPB-0543-LK[ ]	6HE-28	22410[F]	3.15	77.6	13.6	191.2	250	38.8	6.4	95.2	125
CPB-0600-LK[ ]	6GE-34	22310	N/A	84.6	21.6	215	250	42.3	10	106.7	125
CPB-0601-LK[ ]	6GE-34	23310	N/A	84.6	32.4	225.8	300	42.3	15	111.7	150
CPB-0602-LK[ ]	6GE-34	22410	N/A	84.6	21.6	215	250	42.3	10	106.7	125
CPB-0603-LK[ ]	6GE-34	23410[F]	N/A	84.6	20.4	213.8	250	42.3	9.6	106.3	125

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

[F] Uses 'E' motor condenser instead of standard 'F' motor

C-Series A2L

Specifications

CP Low Temperature Bitzer Ecoline (Motor 2) with R-454C Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CPB-0300-LK[ ]	49.1 (14.4)	60.4 (17.7)	72.7 (21.3)	86.1 (25.2)	100.9 (29.6)	117.2 (34.3)	135.3 (39.7)	155.1 (45.5)	176.9 (51.8)
CPB-0301-LK[ ]	49.9 (14.6)	61.5 (18)	74.1 (21.7)	88 (25.8)	103.3 (30.3)	120.3 (35.3)	139.1 (40.8)	159.9 (46.9)	182.8 (53.6)
CPB-0303-LK[ ]	47.6 (14)	58.3 (17.1)	69.9 (20.5)	82.5 (24.2)	96.3 (28.2)	111.4 (32.6)	127.9 (37.5)	146 (42.8)	165.7 (48.6)
CPB-0440-LK[ ]	59.2 (17.4)	72.4 (21.2)	86.7 (25.4)	102.3 (30)	119.5 (35)	138.5 (40.6)	159.5 (46.7)	182.5 (53.5)	207.9 (60.9)
CPB-0441-LK[ ]	60 (17.6)	73.4 (21.5)	88 (25.8)	104.1 (30.5)	121.8 (35.7)	141.4 (41.4)	163.2 (47.8)	187.2 (54.9)	213.7 (62.6)
CPB-0443-LK[ ]	58.6 (17.2)	71.5 (21)	85.5 (25.1)	100.8 (29.5)	117.5 (34.4)	136 (39.9)	156.3 (45.8)	178.6 (52.3)	203 (59.5)
CPB-0540-LK[ ]	72.7 (21.3)	89.3 (26.2)	107.4 (31.5)	127.1 (37.3)	148.9 (43.6)	173 (50.7)	199.5 (58.5)	228.8 (67.1)	261 (76.5)
CPB-0541-LK[ ]	74.2 (21.7)	91.3 (26.8)	110 (32.2)	130.6 (38.3)	153.3 (44.9)	178.6 (52.3)	206.6 (60.6)	237.7 (69.7)	272 (79.7)
CPB-0543-LK[ ]	72.5 (21.2)	89 (26.1)	106.9 (31.3)	126.5 (37.1)	148.1 (43.4)	172 (50.4)	198.3 (58.1)	227.3 (66.6)	259.1 (75.9)
CPB-0600-LK[ ]	90.1 (26.4)	109.3 (32)	130.1 (38.1)	152.7 (44.8)	177.5 (52)	204.7 (60)	234.7 (68.8)	267.5 (78.4)	303.6 (89)
CPB-0601-LK[ ]	92.5 (27.1)	112.6 (33)	134.4 (39.4)	158.4 (46.4)	184.8 (54.2)	214 (62.7)	246.4 (72.2)	282.1 (82.7)	321.6 (94.3)
CPB-0602-LK[ ]	91.3 (26.8)	111 (32.5)	132.3 (38.8)	155.6 (45.6)	181.2 (53.1)	209.5 (61.4)	240.6 (70.5)	275 (80.6)	312.7 (91.6)
CPB-0603-LK[ ]	91.7 (26.9)	111.6 (32.7)	133.1 (39)	156.6 (45.9)	182.5 (53.5)	211.1 (61.9)	242.7 (71.1)	277.6 (81.4)	315.9 (92.6)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

CP Low Temperature Bitzer Ecoline (Motor 2) with R-454C Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CPB-0300-LK[ ]	42.1 (12.3)	52.2 (15.3)	63.3 (18.6)	75.4 (22.1)	88.7 (26)	103.5 (30.3)	119.9 (35.1)	138 (40.4)	158.1 (46.3)
CPB-0301-LK[ ]	42.8 (12.5)	53.2 (15.6)	64.6 (18.9)	77.1 (22.6)	90.9 (26.6)	106.3 (31.2)	123.4 (36.2)	142.5 (41.8)	163.5 (47.9)
CPB-0303-LK[ ]	40.7 (11.9)	50.3 (14.7)	60.8 (17.8)	72.1 (21.1)	84.5 (24.8)	98.1 (28.8)	113.1 (33.1)	129.6 (38)	147.7 (43.3)
CPB-0440-LK[ ]	51.5 (15.1)	63.3 (18.6)	76.1 (22.3)	90.1 (26.4)	105.6 (30.9)	122.8 (36)	141.8 (41.6)	162.8 (47.7)	186 (54.5)
CPB-0441-LK[ ]	52.1 (15.3)	64.2 (18.8)	77.3 (22.7)	91.7 (26.9)	107.7 (31.6)	125.5 (36.8)	145.2 (42.6)	167.1 (49)	191.4 (56.1)
CPB-0443-LK[ ]	50.9 (14.9)	62.5 (18.3)	75 (22)	88.7 (26)	103.8 (30.4)	120.4 (35.3)	138.8 (40.7)	159.1 (46.6)	181.4 (53.2)
CPB-0540-LK[ ]	62.1 (18.2)	77.1 (22.6)	93.4 (27.4)	111.2 (32.6)	131 (38.4)	152.8 (44.8)	177 (51.9)	203.8 (59.7)	233.4 (68.4)
CPB-0541-LK[ ]	63.5 (18.6)	78.9 (23.1)	95.8 (28.1)	114.4 (33.5)	135.1 (39.6)	158 (46.3)	183.6 (53.8)	212 (62.1)	243.6 (71.4)
CPB-0543-LK[ ]	61.9 (18.1)	76.8 (22.5)	93 (27.3)	110.7 (32.4)	130.2 (38.2)	151.9 (44.5)	175.9 (51.6)	202.4 (59.3)	231.7 (67.9)
CPB-0600-LK[ ]	78.4 (23)	95.8 (28.1)	114.5 (33.6)	134.9 (39.5)	157.3 (46.1)	181.9 (53.3)	209.1 (61.3)	239 (70)	272 (79.7)
CPB-0601-LK[ ]	80.7 (23.7)	98.9 (29)	118.6 (34.8)	140.2 (41.1)	164.1 (48.1)	190.6 (55.9)	220.1 (64.5)	252.7 (74.1)	288.9 (84.7)
CPB-0602-LK[ ]	79.6 (23.3)	97.4 (28.5)	116.6 (34.2)	137.6 (40.3)	160.8 (47.1)	186.4 (54.6)	214.7 (62.9)	246 (72.1)	280.6 (82.2)
CPB-0603-LK[ ]	80 (23.4)	97.9 (28.7)	117.4 (34.4)	138.6 (40.6)	162 (47.5)	187.9 (55.1)	216.7 (63.5)	248.5 (72.8)	283.7 (83.1)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CP Medium Temperature Copeland Discus with R-454A Electrical, Capacity, and Configuration Data

CP Medium Temperature Copeland Discus with R-454A AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CPD-0100-MD[ ]	2YC3R51KE	11210	7.6	20	5.4	53.4	70	9.4	2.5	25.2	30
CPD-0101-MD[ ]	2YC3R51KE	11410	7.6	20	5.4	53.4	70	9.4	2.5	25.2	30
CPD-0150-MD[ ]	2YL3R73KE	11410	7.6	28.3	5.4	72.1	100	12.4	2.5	31.9	40
CPD-0151-MD[ ]	2YL3R73KE	12210	7.6	28.3	10.8	77.5	100	12.4	5	34.4	45
CPD-0160-MD[ ]	2YA3R82KE	12210	7.6	28.7	10.8	78.4	100	12.6	5	34.9	45
CPD-0161-MD[ ]	2YA3R82KE	12310	7.6	28.7	10.8	78.4	100	12.6	5	34.9	45
CPD-0162-MD[ ]	2YA3R82KE	12410	7.6	28.7	10.8	78.4	100	12.6	5	34.9	45
CPD-0180-MD[ ]	3YA3R99KE	12210	7.6	36.8	10.8	96.6	125	17.9	5	46.8	60
CPD-0181-MD[ ]	3YA3R99KE	12410	7.6	36.8	10.8	96.6	125	17.9	5	46.8	60
CPD-0200-MD[ ]	3YB3R11ME	12310	7.6	39.1	10.8	101.8	125	17.9	5	46.8	60
CPD-0201-MD[ ]	3YB3R11ME	13310	7.6	39.1	16.2	107.2	125	17.9	7.5	49.3	60
CPD-0202-MD[ ]	3YB3R11ME	12410	7.6	39.1	10.8	101.8	125	17.9	5	46.8	60
CPD-0240-MD[ ]	3YF3R14ME	12410	7.6	42	10.8	108.3	150	21.2	5	54.2	70
CPD-0241-MD[ ]	3YF3R14ME	13310	7.6	42	16.2	113.7	150	21.2	7.5	56.7	70
CPD-0300-MD[ ]	3YS3R16ME	13310	7.6	53.5	16.2	139.6	175	26	7.5	67.5	90
CPD-0301-MD[ ]	3YS3R16ME	13410	7.6	53.5	16.2	139.6	175	26	7.5	67.5	90
CPD-0400-MD[ ]	4YBNR19ME	13310	7.6	64.7	16.2	164.8	225	32.4	7.5	81.9	110
CPD-0401-MD[ ]	4YBNR19ME	22310	7.6	64.7	21.6	170.2	225	32.4	10	84.4	110
CPD-0402-MD[ ]	4YBNR19ME	13410	7.6	64.7	16.2	164.8	225	32.4	7.5	81.9	110
CPD-0500-MD[ ]	4YHNR22ME	13410	7.6	66.8	16.2	169.5	225	33.4	7.5	84.2	110
CPD-0501-MD[ ]	4YHNR22ME	23310	7.6	66.8	32.4	185.7	250	33.4	15	91.7	125
CPD-0600-MD[ ]	4YJNR27ME	22410	7.6	94.6	21.6	237.5	300	47.3	10	117.9	150
CPD-0601-MD[ ]	4YJNR27ME	23310	7.6	94.6	32.4	248.3	300	47.3	15	122.9	150
CPD-0700-MD[ ]	6YHNR32ME	23310	7.6	112.3	32.4	288.1	400	56.2	15	143	175
CPD-0701-MD[ ]	6YHNR32ME	24310	7.6	112.3	43.2	298.9	400	56.2	20	148	200
CPD-0702-MD[ ]	6YHNR32ME	23410	7.6	112.3	32.4	288.1	400	56.2	15	143	175
CPD-0800-MD[ ]	6YJNR39ME	23410	7.6	128.2	32.4	323.9	450	64.1	15	160.7	200
CPD-0801-MD[ ]	6YJNR39ME	24410	7.6	128.2	43.2	334.7	450	64.1	20	165.7	225

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

CP Medium Temperature Copeland Discus with R-454A Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CPD-0100-MD[ ]	55.4 (16.2)	62 (18.2)	69 (20.2)	76.4 (22.4)	84.2 (24.7)	92.5 (27.1)	101.3 (29.7)	110.6 (32.4)	120.3 (35.3)	130.6 (38.3)
CPD-0101-MD[ ]	58.7 (17.2)	66.2 (19.4)	74.2 (21.7)	82.8 (24.3)	92 (27)	101.8 (29.8)	112.4 (32.9)	123.7 (36.3)	135.7 (39.8)	148.6 (43.6)
CPD-0150-MD[ ]	81.2 (23.8)	91 (26.7)	101.5 (29.7)	112.7 (33)	124.5 (36.5)	137.1 (40.2)	150.4 (44.1)	164.4 (48.2)	179.1 (52.5)	194.6 (57)
CPD-0151-MD[ ]	82.7 (24.2)	92.8 (27.2)	103.7 (30.4)	115.4 (33.8)	127.7 (37.4)	140.9 (41.3)	154.9 (45.4)	169.7 (49.7)	185.3 (54.3)	201.8 (59.1)
CPD-0160-MD[ ]	92.2 (27)	103.4 (30.3)	115.4 (33.8)	128.1 (37.5)	141.5 (41.5)	155.8 (45.7)	170.9 (50.1)	186.8 (54.7)	203.6 (59.7)	221.1 (64.8)
CPD-0161-MD[ ]	95.4 (28)	107.3 (31.4)	120.1 (35.2)	133.9 (39.2)	148.5 (43.5)	164.2 (48.1)	180.8 (53)	198.5 (58.2)	217.2 (63.7)	236.9 (69.4)
CPD-0162-MD[ ]	96.8 (28.4)	109 (31.9)	122.2 (35.8)	136.3 (39.9)	151.5 (44.4)	167.7 (49.2)	185 (54.2)	203.5 (59.6)	223 (65.4)	243.8 (71.5)
CPD-0180-MD[ ]	109.6 (32.1)	122.4 (35.9)	135.9 (39.8)	150.2 (44)	165.4 (48.5)	181.4 (53.2)	198.4 (58.1)	216.3 (63.4)	235.2 (68.9)	255 (74.7)
CPD-0181-MD[ ]	116.2 (34.1)	130.5 (38.2)	145.8 (42.7)	162.1 (47.5)	179.6 (52.6)	198.4 (58.1)	218.5 (64)	239.8 (70.3)	262.6 (77)	286.9 (84.1)
CPD-0200-MD[ ]	132.4 (38.8)	148.1 (43.4)	164.7 (48.3)	182.5 (53.5)	201.4 (59)	221.6 (64.9)	243 (71.2)	265.7 (77.9)	289.8 (84.9)	315.2 (92.4)
CPD-0201-MD[ ]	137.7 (40.4)	154.5 (45.3)	172.6 (50.6)	192.1 (56.3)	212.9 (62.4)	235.2 (68.9)	259.1 (75.9)	284.6 (83.4)	311.9 (91.4)	340.9 (99.9)
CPD-0202-MD[ ]	135.1 (39.6)	151.4 (44.4)	168.8 (49.5)	187.4 (54.9)	207.3 (60.8)	228.6 (67)	251.3 (73.7)	275.4 (80.7)	301.1 (88.2)	328.3 (96.2)
CPD-0240-MD[ ]	158.4 (46.4)	177 (51.9)	196.9 (57.7)	218.1 (63.9)	240.6 (70.5)	264.7 (77.6)	290.2 (85.1)	317.3 (93)	346.1 (101.4)	376.5 (110.3)
CPD-0241-MD[ ]	162 (47.5)	181.4 (53.2)	202.2 (59.3)	224.5 (65.8)	248.4 (72.8)	273.9 (80.3)	301.1 (88.2)	330.1 (96.7)	361 (105.8)	393.8 (115.4)
CPD-0300-MD[ ]	178.3 (52.3)	199.5 (58.5)	222.2 (65.1)	246.4 (72.2)	272.3 (79.8)	299.9 (87.9)	329.3 (96.5)	360.5 (105.7)	393.7 (115.4)	428.9 (125.7)
CPD-0301-MD[ ]	181.5 (53.2)	203.4 (59.6)	227 (66.5)	252.2 (73.9)	279.2 (81.8)	308.1 (90.3)	339 (99.4)	371.9 (109)	407.1 (119.3)	444.4 (130.2)
CPD-0400-MD[ ]	214.5 (62.9)	239.4 (70.2)	265.9 (77.9)	294.2 (86.2)	324.1 (95)	356 (104.3)	389.7 (114.2)	425.3 (124.6)	462.9 (135.7)	502.4 (147.2)
CPD-0401-MD[ ]	221.5 (64.9)	248 (72.7)	276.3 (81)	306.7 (89.9)	339.2 (99.4)	373.8 (109.6)	410.8 (120.4)	450.1 (131.9)	491.9 (144.2)	536.1 (157.1)
CPD-0402-MD[ ]	219.3 (64.3)	245.3 (71.9)	273.1 (80)	302.8 (88.7)	334.4 (98)	368.2 (107.9)	404.1 (118.4)	442.3 (129.6)	482.7 (141.5)	525.4 (154)
CPD-0500-MD[ ]	249.6 (73.2)	278.7 (81.7)	309.7 (90.8)	342.7 (100.4)	377.8 (110.7)	415.1 (121.7)	454.5 (133.2)	496.2 (145.4)	540.2 (158.3)	586.4 (171.9)
CPD-0501-MD[ ]	261.9 (76.8)	293.8 (86.1)	328.1 (96.2)	365 (107)	404.5 (118.6)	446.9 (131)	492.3 (144.3)	540.7 (158.5)	592.4 (173.6)	647.3 (189.7)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

(continued from previous page)

Model	MBH (kW)[E]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CPD-0600-MD[ ]	310.2 (90.9)	346.5 (101.6)	385.2 (112.9)	426.4 (125)	470.5 (137.9)	517.5 (151.7)	567.4 (166.3)	620.6 (181.9)	676.9 (198.4)	736.5 (215.9)
CPD-0601-MD[ ]	317 (92.9)	354.8 (104)	395.4 (115.9)	438.8 (128.6)	485.4 (142.3)	535.2 (156.9)	588.5 (172.5)	645.4 (189.2)	706.1 (206.9)	770.6 (225.8)
CPD-0700-MD[ ]	369.5 (108.3)	413.2 (121.1)	459.7 (134.7)	509.5 (149.3)	562.8 (164.9)	619.6 (181.6)	680.3 (199.4)	744.9 (218.3)	813.7 (238.5)	886.6 (259.8)
CPD-0701-MD[ ]	379.7 (111.3)	425.6 (124.7)	475 (139.2)	528 (154.7)	584.9 (171.4)	646.1 (189.4)	711.6 (208.6)	781.8 (229.1)	856.9 (251.1)	937 (274.6)
CPD-0702-MD[ ]	376.5 (110.3)	421.7 (123.6)	470.2 (137.8)	522.2 (153)	578 (169.4)	637.8 (186.9)	701.8 (205.7)	770.3 (225.8)	843.3 (247.2)	921.2 (270)
CPD-0800-MD[ ]	454.5 (133.2)	507.8 (148.8)	564.7 (165.5)	625.6 (183.4)	690.7 (202.4)	760.3 (222.8)	834.6 (244.6)	913.9 (267.8)	998.2 (292.6)	1,087.8 (318.8)
CPD-0801-MD[ ]	467 (136.9)	523.2 (153.3)	583.5 (171)	648.4 (190)	718.1 (210.5)	793 (232.4)	873.5 (256)	959.8 (281.3)	1,052.1 (308.4)	1,150.8 (337.3)

CP Medium Temperature Copeland Discus with R-454A Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CPD-0100-MD[ ]	50.4 (14.8)	56.3 (16.5)	62.6 (18.3)	69.2 (20.3)	76.3 (22.4)	83.7 (24.5)	91.7 (26.9)	100 (29.3)	108.9 (31.9)	118.3 (34.7)
CPD-0101-MD[ ]	53.6 (15.7)	60.4 (17.7)	67.6 (19.8)	75.4 (22.1)	83.8 (24.6)	92.8 (27.2)	102.4 (30)	112.8 (33.1)	123.9 (36.3)	135.7 (39.8)
CPD-0150-MD[ ]	74 (21.7)	82.9 (24.3)	92.4 (27.1)	102.6 (30.1)	113.4 (33.2)	124.8 (36.6)	137 (40.2)	149.8 (43.9)	163.3 (47.9)	177.5 (52)
CPD-0151-MD[ ]	75.4 (22.1)	84.6 (24.8)	94.6 (27.7)	105.2 (30.8)	116.5 (34.1)	128.5 (37.7)	141.4 (41.4)	155 (45.4)	169.4 (49.6)	184.6 (54.1)
CPD-0160-MD[ ]	84.1 (24.6)	94.2 (27.6)	105.1 (30.8)	116.7 (34.2)	129 (37.8)	142 (41.6)	155.9 (45.7)	170.5 (50)	185.8 (54.5)	202 (59.2)
CPD-0161-MD[ ]	87.1 (25.5)	98 (28.7)	109.7 (32.2)	122.3 (35.8)	135.8 (39.8)	150.2 (44)	165.5 (48.5)	181.8 (53.3)	199.1 (58.4)	217.5 (63.7)
CPD-0162-MD[ ]	88.4 (25.9)	99.6 (29.2)	111.7 (32.7)	124.7 (36.5)	138.7 (40.7)	153.7 (45)	169.7 (49.7)	186.8 (54.7)	204.9 (60.1)	224.2 (65.7)
CPD-0180-MD[ ]	99.6 (29.2)	111.2 (32.6)	123.4 (36.2)	136.4 (40)	150.2 (44)	164.8 (48.3)	180.3 (52.8)	196.7 (57.6)	214 (62.7)	232.2 (68.1)
CPD-0181-MD[ ]	106.1 (31.1)	119.1 (34.9)	133.1 (39)	148.2 (43.4)	164.3 (48.2)	181.6 (53.2)	200.1 (58.6)	219.9 (64.4)	241 (70.6)	263.6 (77.3)
CPD-0200-MD[ ]	120.6 (35.3)	134.8 (39.5)	150 (44)	166.2 (48.7)	183.5 (53.8)	201.9 (59.2)	221.6 (64.9)	242.4 (71)	264.5 (77.5)	288 (84.4)
CPD-0201-MD[ ]	125.8 (36.9)	141.2 (41.4)	157.8 (46.2)	175.6 (51.5)	194.8 (57.1)	215.4 (63.1)	237.5 (69.6)	261.1 (76.5)	286.4 (83.9)	313.4 (91.9)
CPD-0202-MD[ ]	123.2 (36.1)	138.1 (40.5)	154 (45.1)	171 (50.1)	189.3 (55.5)	208.8 (61.2)	229.7 (67.3)	252 (73.9)	275.7 (80.8)	300.9 (88.2)
CPD-0240-MD[ ]	144.4 (42.3)	161.3 (47.3)	179.4 (52.6)	198.7 (58.2)	219.3 (64.3)	241.3 (70.7)	264.7 (77.6)	289.7 (84.9)	316.1 (92.6)	344.2 (100.9)
CPD-0241-MD[ ]	147.9 (43.3)	165.7 (48.6)	184.7 (54.1)	205.1 (60.1)	227 (66.5)	250.5 (73.4)	275.6 (80.8)	302.4 (88.6)	330.9 (97)	361.4 (105.9)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

(continued from previous page)

Model	MBH (kW)[E]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CPD-0300-MD[ ]	162.7 (47.7)	182 (53.3)	202.7 (59.4)	224.9 (65.9)	248.5 (72.8)	273.8 (80.2)	300.9 (88.2)	329.7 (96.6)	360.3 (105.6)	392.8 (115.1)
CPD-0301-MD[ ]	165.8 (48.6)	185.9 (54.5)	207.5 (60.8)	230.6 (67.6)	255.4 (74.9)	282 (82.6)	310.5 (91)	341 (99.9)	373.6 (109.5)	408.2 (119.6)
CPD-0400-MD[ ]	195.4 (57.3)	218 (63.9)	242.1 (71)	267.8 (78.5)	295.1 (86.5)	324.2 (95)	355 (104)	387.6 (113.6)	422.1 (123.7)	458.4 (134.3)
CPD-0401-MD[ ]	202.2 (59.3)	226.4 (66.4)	252.3 (73.9)	280.1 (82.1)	309.9 (90.8)	341.8 (100.2)	375.8 (110.1)	412.1 (120.8)	450.6 (132.1)	491.6 (144.1)
CPD-0402-MD[ ]	200 (58.6)	223.7 (65.6)	249.1 (73)	276.2 (80.9)	305.2 (89.4)	336.2 (98.5)	369.2 (108.2)	404.3 (118.5)	441.6 (129.4)	481.1 (141)
CPD-0500-MD[ ]	227.6 (66.7)	254 (74.4)	282.1 (82.7)	312.1 (91.5)	344.1 (100.8)	378 (110.8)	414 (121.3)	452.1 (132.5)	492.4 (144.3)	534.7 (156.7)
CPD-0501-MD[ ]	239.6 (70.2)	268.8 (78.8)	300.3 (88)	334.2 (97.9)	370.5 (108.6)	409.6 (120)	451.5 (132.3)	496.3 (145.5)	544.2 (159.5)	595.1 (174.4)
CPD-0600-MD[ ]	283.2 (83)	316.2 (92.7)	351.3 (103)	388.9 (114)	429 (125.7)	471.8 (138.3)	517.5 (151.7)	566.1 (165.9)	617.8 (181.1)	672.6 (197.1)
CPD-0601-MD[ ]	289.8 (84.9)	324.4 (95.1)	361.4 (105.9)	401.1 (117.6)	443.7 (130)	489.4 (143.4)	538.4 (157.8)	590.7 (173.1)	646.7 (189.5)	706.2 (207)
CPD-0700-MD[ ]	337.1 (98.8)	376.7 (110.4)	419 (122.8)	464.4 (136.1)	512.9 (150.3)	564.9 (165.6)	620.5 (181.9)	679.8 (199.2)	743 (217.8)	810.3 (237.5)
CPD-0701-MD[ ]	347 (101.7)	388.9 (114)	434 (127.2)	482.6 (141.4)	534.9 (156.8)	591.1 (173.2)	651.6 (191)	716.5 (210)	786 (230.4)	860.3 (252.1)
CPD-0702-MD[ ]	343.9 (100.8)	385.1 (112.9)	429.3 (125.8)	476.9 (139.8)	528 (154.7)	582.9 (170.8)	641.8 (188.1)	704.9 (206.6)	772.5 (226.4)	844.6 (247.5)
CPD-0800-MD[ ]	415.5 (121.8)	463.9 (136)	515.6 (151.1)	570.9 (167.3)	630.2 (184.7)	693.8 (203.3)	761.7 (223.2)	834.4 (244.5)	911.9 (267.3)	994.4 (291.4)
CPD-0801-MD[ ]	427.6 (125.3)	478.9 (140.4)	534 (156.5)	593.4 (173.9)	657.3 (192.6)	726.1 (212.8)	800.2 (234.5)	879.8 (257.9)	965.2 (282.9)	1,056.7 (309.7)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CP Medium Temperature Copeland Discus with R-454C Electrical, Capacity, and Configuration Data

CP Medium Temperature Copeland Discus with R-454C AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CPD-0100-MK[ ]	2YC3R51KE	11210	7.6	20	5.4	53.4	70	9.4	2.5	25.2	30
CPD-0101-MK[ ]	2YC3R51KE	11410	7.6	20	5.4	53.4	70	9.4	2.5	25.2	30
CPD-0150-MK[ ]	2YL3R73KE	11410	7.6	28.3	5.4	72.1	100	12.4	2.5	31.9	40
CPD-0151-MK[ ]	2YL3R73KE	12210	7.6	28.3	10.8	77.5	100	12.4	5	34.4	45
CPD-0160-MK[ ]	2YA3R82KE	12210	7.6	28.7	10.8	78.4	100	12.6	5	34.9	45
CPD-0161-MK[ ]	2YA3R82KE	12310	7.6	28.7	10.8	78.4	100	12.6	5	34.9	45
CPD-0162-MK[ ]	2YA3R82KE	12410	7.6	28.7	10.8	78.4	100	12.6	5	34.9	45
CPD-0180-MK[ ]	3YA3R99KE	12210	7.6	36.8	10.8	96.6	125	17.9	5	46.8	60
CPD-0181-MK[ ]	3YA3R99KE	12410	7.6	36.8	10.8	96.6	125	17.9	5	46.8	60
CPD-0200-MK[ ]	3YB3R11ME	12310	7.6	39.1	10.8	101.8	125	17.9	5	46.8	60
CPD-0201-MK[ ]	3YB3R11ME	13310	7.6	39.1	16.2	107.2	125	17.9	7.5	49.3	60
CPD-0202-MK[ ]	3YB3R11ME	12410	7.6	39.1	10.8	101.8	125	17.9	5	46.8	60
CPD-0240-MK[ ]	3YF3R14ME	12410	7.6	42	10.8	108.3	150	21.2	5	54.2	70
CPD-0241-MK[ ]	3YF3R14ME	13310	7.6	42	16.2	113.7	150	21.2	7.5	56.7	70
CPD-0300-MK[ ]	3YS3R16ME	13310	7.6	53.5	16.2	139.6	175	26	7.5	67.5	90
CPD-0301-MK[ ]	3YS3R16ME	13410	7.6	53.5	16.2	139.6	175	26	7.5	67.5	90
CPD-0400-MK[ ]	4YBNR19ME	13310	7.6	64.7	16.2	164.8	225	32.4	7.5	81.9	110
CPD-0401-MK[ ]	4YBNR19ME	22310	7.6	64.7	21.6	170.2	225	32.4	10	84.4	110
CPD-0402-MK[ ]	4YBNR19ME	13410	7.6	64.7	16.2	164.8	225	32.4	7.5	81.9	110
CPD-0500-MK[ ]	4YHNR22ME	13410	7.6	66.8	16.2	169.5	225	33.4	7.5	84.2	110
CPD-0501-MK[ ]	4YHNR22ME	23310	7.6	66.8	32.4	185.7	250	33.4	15	91.7	125
CPD-0600-MK[ ]	4YJNR27ME	22410	7.6	94.6	21.6	237.5	300	47.3	10	117.9	150
CPD-0601-MK[ ]	4YJNR27ME	23310	7.6	94.6	32.4	248.3	300	47.3	15	122.9	150
CPD-0700-MK[ ]	6YHNR32ME	23310	7.6	112.3	32.4	288.1	400	56.2	15	143	175
CPD-0701-MK[ ]	6YHNR32ME	24310	7.6	112.3	43.2	298.9	400	56.2	20	148	200
CPD-0702-MK[ ]	6YHNR32ME	23410	7.6	112.3	32.4	288.1	400	56.2	15	143	175
CPD-0800-MK[ ]	6YJNR39ME	23410	7.6	128.2	32.4	323.9	450	64.1	15	160.7	200
CPD-0801-MK[ ]	6YJNR39ME	24410	7.6	128.2	43.2	334.7	450	64.1	20	165.7	225

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

CP Medium Temperature Copeland Discus with R-454C Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CPD-0100-MK[ ]	48.6 (14.2)	54.6 (16)	60.9 (17.8)	67.7 (19.8)	74.9 (22)	82.5 (24.2)	90.5 (26.5)	99.1 (29)	108 (31.7)	117.5 (34.4)
CPD-0101-MK[ ]	51.3 (15)	57.9 (17)	65 (19.1)	72.7 (21.3)	80.9 (23.7)	89.7 (26.3)	99.1 (29)	109.2 (32)	119.9 (35.1)	131.3 (38.5)
CPD-0150-MK[ ]	71.4 (20.9)	80.2 (23.5)	89.5 (26.2)	99.4 (29.1)	110 (32.2)	121.3 (35.6)	133.5 (39.1)	146.4 (42.9)	160.2 (47)	174.9 (51.3)
CPD-0151-MK[ ]	72.5 (21.2)	81.5 (23.9)	91.2 (26.7)	101.4 (29.7)	112.5 (33)	124.3 (36.4)	136.9 (40.1)	150.5 (44.1)	165.1 (48.4)	180.6 (52.9)
CPD-0160-MK[ ]	81 (23.7)	91 (26.7)	101.5 (29.7)	112.8 (33.1)	124.9 (36.6)	137.8 (40.4)	151.5 (44.4)	166.2 (48.7)	181.8 (53.3)	198.4 (58.1)
CPD-0161-MK[ ]	83.5 (24.5)	94 (27.5)	105.2 (30.8)	117.3 (34.4)	130.2 (38.2)	144.1 (42.2)	159.1 (46.6)	175.1 (51.3)	192.3 (56.4)	210.6 (61.7)
CPD-0162-MK[ ]	84.5 (24.8)	95.2 (27.9)	106.8 (31.3)	119.2 (34.9)	132.5 (38.8)	146.9 (43.1)	162.3 (47.6)	178.9 (52.4)	196.8 (57.7)	215.9 (63.3)
CPD-0180-MK[ ]	95.9 (28.1)	107.4 (31.5)	119.7 (35.1)	132.8 (38.9)	146.7 (43)	161.4 (47.3)	177.1 (51.9)	193.6 (56.7)	211 (61.8)	229.4 (67.2)
CPD-0181-MK[ ]	100.9 (29.6)	113.6 (33.3)	127.3 (37.3)	141.9 (41.6)	157.6 (46.2)	174.4 (51.1)	192.4 (56.4)	211.5 (62)	231.9 (68)	253.6 (74.3)
CPD-0200-MK[ ]	115.9 (34)	129.9 (38.1)	144.9 (42.5)	160.9 (47.2)	178 (52.2)	196.3 (57.5)	215.9 (63.3)	236.7 (69.4)	258.9 (75.9)	282.4 (82.8)
CPD-0201-MK[ ]	119.9 (35.1)	134.8 (39.5)	150.9 (44.2)	168.2 (49.3)	186.7 (54.7)	206.7 (60.6)	228.2 (66.9)	251.2 (73.6)	275.8 (80.8)	302.1 (88.5)
CPD-0202-MK[ ]	118 (34.6)	132.4 (38.8)	148 (43.4)	164.6 (48.2)	182.5 (53.5)	201.7 (59.1)	222.2 (65.1)	244.1 (71.5)	267.6 (78.4)	292.5 (85.7)
CPD-0240-MK[ ]	138.5 (40.6)	155.3 (45.5)	173.2 (50.8)	192.4 (56.4)	212.9 (62.4)	234.8 (68.8)	258.2 (75.7)	283.1 (83)	309.5 (90.7)	337.5 (98.9)
CPD-0241-MK[ ]	141.3 (41.4)	158.6 (46.5)	177.3 (52)	197.3 (57.8)	218.8 (64.1)	241.9 (70.9)	266.5 (78.1)	292.9 (85.8)	320.9 (94.1)	350.7 (102.8)
CPD-0300-MK[ ]	155.9 (45.7)	174.9 (51.3)	195.3 (57.2)	217.2 (63.7)	240.6 (70.5)	265.6 (77.8)	292.3 (85.7)	320.6 (94)	350.8 (102.8)	382.7 (112.2)
CPD-0301-MK[ ]	158.3 (46.4)	177.9 (52.1)	199 (58.3)	221.6 (64.9)	245.9 (72.1)	271.9 (79.7)	299.7 (87.8)	329.3 (96.5)	360.9 (105.8)	394.4 (115.6)
CPD-0400-MK[ ]	188.6 (55.3)	211 (61.8)	234.9 (68.8)	260.4 (76.3)	287.6 (84.3)	316.6 (92.8)	347.5 (101.8)	380.2 (111.4)	414.9 (121.6)	451.6 (132.4)
CPD-0401-MK[ ]	193.9 (56.8)	217.5 (63.7)	242.8 (71.2)	269.9 (79.1)	299 (87.6)	330.2 (96.8)	363.4 (106.5)	399 (116.9)	436.8 (128)	476.9 (139.8)
CPD-0402-MK[ ]	192.2 (56.3)	215.4 (63.1)	240.3 (70.4)	266.9 (78.2)	295.4 (86.6)	325.9 (95.5)	358.4 (105)	393.1 (115.2)	429.9 (126)	468.9 (137.4)
CPD-0500-MK[ ]	219.4 (64.3)	245.5 (72)	273.4 (80.1)	303.2 (88.9)	335 (98.2)	368.9 (108.1)	405 (118.7)	443.3 (129.9)	483.9 (141.8)	526.8 (154.4)
CPD-0501-MK[ ]	228.8 (67.1)	257 (75.3)	287.3 (84.2)	320 (93.8)	355.1 (104.1)	392.9 (115.2)	433.4 (127)	476.7 (139.7)	523 (153.3)	572.4 (167.8)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

(continued from previous page)

Model	MBH (kW)[E]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CPD-0600-MK[ ]	273 (80)	305.5 (89.5)	340.3 (99.7)	377.5 (110.6)	417.2 (122.3)	459.7 (134.7)	505 (148)	553.3 (162.2)	604.5 (177.2)	658.8 (193.1)
CPD-0601-MK[ ]	278.2 (81.5)	311.9 (91.4)	348.1 (102)	386.9 (113.4)	428.5 (125.6)	473.2 (138.7)	521 (152.7)	572 (167.6)	626.5 (183.6)	684.4 (200.6)
CPD-0700-MK[ ]	323 (94.7)	362.3 (106.2)	404.5 (118.6)	449.7 (131.8)	498.3 (146)	550.2 (161.3)	605.6 (177.5)	664.6 (194.8)	727.4 (213.2)	794 (232.7)
CPD-0701-MK[ ]	330.8 (97)	371.9 (109)	416.2 (122)	463.9 (136)	515.3 (151)	570.4 (167.2)	629.5 (184.5)	692.7 (203)	760.2 (222.8)	832.1 (243.9)
CPD-0702-MK[ ]	328.4 (96.2)	368.9 (108.1)	412.5 (120.9)	459.5 (134.7)	510 (149.5)	564.1 (165.3)	622 (182.3)	683.9 (200.4)	749.9 (219.8)	820.2 (240.4)
CPD-0800-MK[ ]	400.9 (117.5)	448.5 (131.4)	499.3 (146.3)	553.8 (162.3)	612.3 (179.5)	675 (197.8)	742.1 (217.5)	814 (238.6)	890.7 (261)	972.5 (285)
CPD-0801-MK[ ]	410.6 (120.3)	460.3 (134.9)	513.8 (150.6)	571.3 (167.4)	633.2 (185.6)	699.9 (205.1)	771.6 (226.1)	848.7 (248.7)	931.4 (273)	1,020 (298.9)

CP Medium Temperature Copeland Discus with R-454C Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CPD-0100-MK[ ]	44.1 (12.9)	49.5 (14.5)	55.2 (16.2)	61.3 (18)	67.7 (19.8)	74.6 (21.9)	82 (24)	89.7 (26.3)	97.9 (28.7)	106.5 (31.2)
CPD-0101-MK[ ]	46.6 (13.7)	52.6 (15.4)	59.1 (17.3)	66.1 (19.4)	73.6 (21.6)	81.6 (23.9)	90.3 (26.5)	99.6 (29.2)	109.5 (32.1)	120.1 (35.2)
CPD-0150-MK[ ]	65.1 (19.1)	73 (21.4)	81.4 (23.9)	90.5 (26.5)	100.1 (29.3)	110.5 (32.4)	121.6 (35.6)	133.4 (39.1)	146.1 (42.8)	159.7 (46.8)
CPD-0151-MK[ ]	66.1 (19.4)	74.3 (21.8)	83 (24.3)	92.4 (27.1)	102.5 (30)	113.3 (33.2)	125 (36.6)	137.5 (40.3)	150.9 (44.2)	165.2 (48.4)
CPD-0160-MK[ ]	73.8 (21.6)	82.9 (24.3)	92.5 (27.1)	102.8 (30.1)	113.9 (33.4)	125.7 (36.8)	138.3 (40.5)	151.8 (44.5)	166.2 (48.7)	181.6 (53.2)
CPD-0161-MK[ ]	76.1 (22.3)	85.7 (25.1)	96 (28.1)	107.1 (31.4)	119 (34.9)	131.9 (38.7)	145.7 (42.7)	160.5 (47)	176.5 (51.7)	193.5 (56.7)
CPD-0162-MK[ ]	77.1 (22.6)	87 (25.5)	97.5 (28.6)	108.9 (31.9)	121.2 (35.5)	134.5 (39.4)	148.8 (43.6)	164.3 (48.2)	180.9 (53)	198.7 (58.2)
CPD-0180-MK[ ]	87.1 (25.5)	97.6 (28.6)	108.8 (31.9)	120.7 (35.4)	133.4 (39.1)	146.9 (43.1)	161.3 (47.3)	176.5 (51.7)	192.6 (56.4)	209.6 (61.4)
CPD-0181-MK[ ]	92 (27)	103.6 (30.4)	116.1 (34)	129.6 (38)	144 (42.2)	159.6 (46.8)	176.3 (51.7)	194.1 (56.9)	213.1 (62.5)	233.3 (68.4)
CPD-0200-MK[ ]	105.5 (30.9)	118.3 (34.7)	131.9 (38.7)	146.5 (42.9)	162.2 (47.5)	179.1 (52.5)	197 (57.7)	216.3 (63.4)	236.8 (69.4)	258.6 (75.8)
CPD-0201-MK[ ]	109.4 (32.1)	123.1 (36.1)	137.8 (40.4)	153.7 (45)	170.8 (50.1)	189.3 (55.5)	209.2 (61.3)	230.6 (67.6)	253.5 (74.3)	278.1 (81.5)
CPD-0202-MK[ ]	107.5 (31.5)	120.7 (35.4)	134.9 (39.5)	150.2 (44)	166.6 (48.8)	184.3 (54)	203.3 (59.6)	223.6 (65.5)	245.3 (71.9)	268.5 (78.7)
CPD-0240-MK[ ]	126.1 (37)	141.3 (41.4)	157.7 (46.2)	175.2 (51.3)	194.1 (56.9)	214.3 (62.8)	235.9 (69.1)	258.9 (75.9)	283.4 (83.1)	309.5 (90.7)
CPD-0241-MK[ ]	128.8 (37.7)	144.6 (42.4)	161.7 (47.4)	180.1 (52.8)	200 (58.6)	221.3 (64.9)	244.1 (71.5)	268.6 (78.7)	294.7 (86.4)	322.6 (94.5)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

(continued from previous page)

Model	MBH (kW)[E]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CPD-0300-MK[ ]	142 (41.6)	159.4 (46.7)	178.1 (52.2)	198.1 (58.1)	219.7 (64.4)	242.8 (71.2)	267.4 (78.4)	293.7 (86.1)	321.7 (94.3)	351.4 (103)
CPD-0301-MK[ ]	144.4 (42.3)	162.3 (47.6)	181.7 (53.3)	202.5 (59.3)	224.9 (65.9)	249 (73)	274.8 (80.5)	302.4 (88.6)	331.8 (97.2)	363.1 (106.4)
CPD-0400-MK[ ]	171.6 (50.3)	192 (56.3)	213.9 (62.7)	237.2 (69.5)	262.2 (76.8)	288.9 (84.7)	317.3 (93)	347.5 (101.8)	379.6 (111.3)	413.6 (121.2)
CPD-0401-MK[ ]	176.8 (51.8)	198.4 (58.1)	221.6 (64.9)	246.6 (72.3)	273.4 (80.1)	302.2 (88.6)	333 (97.6)	366 (107.3)	401.1 (117.6)	438.5 (128.5)
CPD-0402-MK[ ]	175.2 (51.3)	196.4 (57.6)	219.2 (64.2)	243.6 (71.4)	269.9 (79.1)	298 (87.3)	328.1 (96.2)	360.1 (105.5)	394.3 (115.6)	430.6 (126.2)
CPD-0500-MK[ ]	199.9 (58.6)	223.7 (65.6)	249.1 (73)	276.4 (81)	305.6 (89.6)	336.8 (98.7)	370 (108.4)	405.4 (118.8)	443 (129.8)	482.7 (141.5)
CPD-0501-MK[ ]	209 (61.3)	234.9 (68.8)	262.9 (77.1)	293 (85.9)	325.5 (95.4)	360.5 (105.7)	398.2 (116.7)	438.5 (128.5)	481.7 (141.2)	527.9 (154.7)
CPD-0600-MK[ ]	248.9 (72.9)	278.5 (81.6)	310.3 (90.9)	344.3 (100.9)	380.8 (111.6)	419.8 (123)	461.5 (135.3)	506 (148.3)	553.3 (162.2)	603.6 (176.9)
CPD-0601-MK[ ]	254 (74.4)	284.8 (83.5)	318 (93.2)	353.7 (103.7)	392 (114.9)	433.2 (127)	477.4 (139.9)	524.7 (153.8)	575.2 (168.6)	629.1 (184.4)
CPD-0700-MK[ ]	293.8 (86.1)	329.5 (96.6)	367.9 (107.8)	409.4 (120)	454 (133.1)	501.8 (147.1)	553 (162.1)	607.6 (178.1)	665.9 (195.2)	727.9 (213.3)
CPD-0701-MK[ ]	301.3 (88.3)	338.9 (99.3)	379.5 (111.2)	423.4 (124.1)	470.8 (138)	521.9 (153)	576.8 (169.1)	635.7 (186.3)	698.7 (204.8)	766 (224.5)
CPD-0702-MK[ ]	299 (87.6)	335.9 (98.4)	375.9 (110.2)	419 (122.8)	465.5 (136.4)	515.6 (151.1)	569.3 (166.9)	626.9 (183.7)	688.4 (201.8)	754 (221)
CPD-0800-MK[ ]	365.7 (107.2)	409 (119.9)	455.4 (133.5)	505.3 (148.1)	558.8 (163.8)	616.4 (180.7)	678.2 (198.8)	744.5 (218.2)	815.5 (239)	891.4 (261.3)
CPD-0801-MK[ ]	375.1 (109.9)	420.7 (123.3)	469.7 (137.7)	522.6 (153.2)	579.6 (169.9)	641.2 (187.9)	707.7 (207.4)	779.2 (228.4)	856.1 (250.9)	938.7 (275.1)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CP Low Temperature Copeland Discus with R-454A Electrical, Capacity, and Configuration Data

CP Low Temperature Copeland Discus with R-454A AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CPD-0300-LD[ ]	4YKNF46KE	12410	N/A	47.2	10.8	120	150	23.6	5	59.6	80
CPD-0301-LD[ ]	4YKNF46KE	13310	N/A	47.2	16.2	125.4	150	23.6	7.5	62.1	80
CPD-0303-LD[ ]	4YKNF46KE	12410[F]	N/A	47.2	6.8	116	150	23.6	3.2	57.8	80
CPD-0440-LD[ ]	4YJNF59KE	13310	N/A	57.7	16.2	149	200	28.8	7.5	73.8	100
CPD-0441-LD[ ]	4YJNF59KE	13410	N/A	57.7	16.2	149	200	28.8	7.5	73.8	100
CPD-0443-LD[ ]	4YJNF59KE	13410[F]	N/A	57.7	10.2	143	200	28.8	4.8	71.1	90
CPD-0540-LD[ ]	6YHNF68KE	13410	N/A	72.4	16.2	182.1	250	36.2	7.5	90.5	125
CPD-0541-LD[ ]	6YHNF68KE	22410	N/A	72.4	21.6	187.5	250	36.2	10	93	125
CPD-0543-LD[ ]	6YHNF68KE	22410[F]	N/A	72.4	13.6	179.5	250	36.2	6.4	89.4	125
CPD-0600-LD[ ]	6YJNF84KE	22310	N/A	85.8	21.6	217.7	300	42.9	10	108	150
CPD-0601-LD[ ]	6YJNF84KE	23310	N/A	85.8	32.4	228.5	300	42.9	15	113	150
CPD-0602-LD[ ]	6YJNF84KE	22410	N/A	85.8	21.6	217.7	300	42.9	10	108	150
CPD-0603-LD[ ]	6YJNF84KE	23410[F]	N/A	85.8	20.4	216.5	300	42.9	9.6	107.6	150

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

[F] Uses 'E' motor condenser instead of standard 'F' motor

CP Low Temperature Copeland Discus with R-454A Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CPD-0300-LD[ ]	77.7 (22.8)	92 (27)	107.9 (31.6)	125.3 (36.7)	144.2 (42.3)	164.5 (48.2)	186.1 (54.5)	208.9 (61.2)	233 (68.3)
CPD-0301-LD[ ]	79.1 (23.2)	93.8 (27.5)	110.2 (32.3)	128.2 (37.6)	147.8 (43.3)	168.9 (49.5)	191.5 (56.1)	215.6 (63.2)	241 (70.6)
CPD-0303-LD[ ]	75.1 (22)	88.6 (26)	103.5 (30.3)	119.8 (35.1)	137.2 (40.2)	155.8 (45.7)	175.5 (51.4)	196.1 (57.5)	217.5 (63.7)
CPD-0440-LD[ ]	97.7 (28.6)	115.2 (33.8)	134.7 (39.5)	156 (45.7)	179.3 (52.5)	204.3 (59.9)	231.1 (67.7)	259.5 (76.1)	289.6 (84.9)
CPD-0441-LD[ ]	99.2 (29.1)	117.1 (34.3)	137.1 (40.2)	159.2 (46.7)	183.2 (53.7)	209.2 (61.3)	237 (69.5)	266.8 (78.2)	298.3 (87.4)
CPD-0443-LD[ ]	96.5 (28.3)	113.6 (33.3)	132.5 (38.8)	153.3 (44.9)	175.9 (51.6)	200.1 (58.6)	225.9 (66.2)	253.3 (74.2)	282.1 (82.7)
CPD-0540-LD[ ]	116.1 (34)	137 (40.2)	160.2 (47)	185.6 (54.4)	213.2 (62.5)	243 (71.2)	274.8 (80.5)	308.7 (90.5)	344.4 (100.9)
CPD-0541-LD[ ]	118.6 (34.8)	140.2 (41.1)	164.3 (48.2)	190.9 (55.9)	219.9 (64.4)	251.3 (73.7)	285 (83.5)	321.1 (94.1)	359.5 (105.4)
CPD-0543-LD[ ]	115.6 (33.9)	136.4 (40)	159.4 (46.7)	184.7 (54.1)	212.1 (62.2)	241.6 (70.8)	273.1 (80)	306.5 (89.8)	341.8 (100.2)
CPD-0600-LD[ ]	142.6 (41.8)	167.7 (49.2)	195.5 (57.3)	226.1 (66.3)	259.3 (76)	295.1 (86.5)	333.3 (97.7)	374 (109.6)	416.8 (122.2)
CPD-0601-LD[ ]	147.2 (43.1)	173.6 (50.9)	203.1 (59.5)	235.7 (69.1)	271.3 (79.5)	310 (90.9)	351.6 (103)	396.2 (116.1)	443.7 (130)
CPD-0602-LD[ ]	145 (42.5)	170.7 (50)	199.4 (58.4)	231 (67.7)	265.5 (77.8)	302.7 (88.7)	342.7 (100.4)	385.3 (112.9)	430.5 (126.2)
CPD-0603-LD[ ]	145.8 (42.7)	171.7 (50.3)	200.7 (58.8)	232.7 (68.2)	267.6 (78.4)	305.4 (89.5)	346 (101.4)	389.3 (114.1)	435.3 (127.6)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CP Low Temperature Copeland Discus with R-454A Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CPD-0300-LD[ ]	69.2 (20.3)	82.4 (24.2)	97.1 (28.5)	113.2 (33.2)	130.6 (38.3)	149.4 (43.8)	169.4 (49.6)	190.6 (55.9)	212.8 (62.4)
CPD-0301-LD[ ]	70.5 (20.7)	84.1 (24.6)	99.2 (29.1)	115.9 (34)	134 (39.3)	153.6 (45)	174.6 (51.2)	196.9 (57.7)	220.5 (64.6)
CPD-0303-LD[ ]	66.8 (19.6)	79.2 (23.2)	93 (27.3)	107.9 (31.6)	124 (36.3)	141.2 (41.4)	159.3 (46.7)	178.3 (52.3)	N/A
CPD-0440-LD[ ]	87.5 (25.6)	103.5 (30.3)	121.4 (35.6)	141.1 (41.4)	162.6 (47.7)	185.7 (54.4)	210.5 (61.7)	236.9 (69.4)	264.8 (77.6)
CPD-0441-LD[ ]	88.8 (26)	105.3 (30.9)	123.7 (36.3)	144.1 (42.2)	166.3 (48.7)	190.4 (55.8)	216.2 (63.4)	243.9 (71.5)	273.2 (80.1)
CPD-0443-LD[ ]	86.3 (25.3)	102 (29.9)	119.4 (35)	138.6 (40.6)	159.4 (46.7)	181.7 (53.3)	205.6 (60.3)	230.9 (67.7)	257.6 (75.5)
CPD-0540-LD[ ]	103.8 (30.4)	123.1 (36.1)	144.5 (42.4)	168 (49.2)	193.6 (56.7)	221.1 (64.8)	250.5 (73.4)	281.7 (82.6)	314.8 (92.3)
CPD-0541-LD[ ]	106.1 (31.1)	126.1 (37)	148.4 (43.5)	173 (50.7)	199.8 (58.6)	228.9 (67.1)	260.2 (76.3)	293.7 (86.1)	329.2 (96.5)
CPD-0543-LD[ ]	103.4 (30.3)	122.6 (35.9)	143.8 (42.1)	167.2 (49)	192.5 (56.4)	219.7 (64.4)	248.8 (72.9)	279.7 (82)	312.3 (91.5)
CPD-0600-LD[ ]	127.8 (37.5)	150.8 (44.2)	176.5 (51.7)	204.7 (60)	235.4 (69)	268.5 (78.7)	303.9 (89.1)	341.6 (100.1)	381.3 (111.8)
CPD-0601-LD[ ]	132 (38.7)	156.3 (45.8)	183.6 (53.8)	213.8 (62.7)	246.8 (72.3)	282.7 (82.9)	321.5 (94.2)	362.9 (106.4)	407.2 (119.3)
CPD-0602-LD[ ]	130 (38.1)	153.7 (45)	180.1 (52.8)	209.3 (61.3)	241.2 (70.7)	275.8 (80.8)	312.9 (91.7)	352.5 (103.3)	394.5 (115.6)
CPD-0603-LD[ ]	130.7 (38.3)	154.6 (45.3)	181.4 (53.2)	210.9 (61.8)	243.3 (71.3)	278.3 (81.6)	316 (92.6)	356.3 (104.4)	399.1 (117)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

CP Low Temperature Copeland Discus with R-454C Electrical, Capacity, and Configuration Data

CP Low Temperature Copeland Discus with R-454C AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CPD-0300-LK[ ]	4YKNF46KE	12410	N/A	47.2	10.8	120	150	23.6	5	59.6	80
CPD-0301-LK[ ]	4YKNF46KE	13310	N/A	47.2	16.2	125.4	150	23.6	7.5	62.1	80
CPD-0303-LK[ ]	4YKNF46KE	12410[F]	3.15	47.2	6.8	116	150	23.6	3.2	57.8	80
CPD-0440-LK[ ]	4YJNF59KE	13310	N/A	57.7	16.2	149	200	28.8	7.5	73.8	100
CPD-0441-LK[ ]	4YJNF59KE	13410	N/A	57.7	16.2	149	200	28.8	7.5	73.8	100
CPD-0443-LK[ ]	4YJNF59KE	13410[F]	3.15	57.7	10.2	143	200	28.8	4.8	71.1	90
CPD-0540-LK[ ]	6YHNF68KE	13410	N/A	72.4	16.2	182.1	250	36.2	7.5	90.5	125
CPD-0541-LK[ ]	6YHNF68KE	22410	N/A	72.4	21.6	187.5	250	36.2	10	93	125
CPD-0543-LK[ ]	6YHNF68KE	22410[F]	N/A	72.4	13.6	179.5	250	36.2	6.4	89.4	125
CPD-0600-LK[ ]	6YJNF84KE	22310	N/A	85.8	21.6	217.7	300	42.9	10	108	150
CPD-0601-LK[ ]	6YJNF84KE	23310	N/A	85.8	32.4	228.5	300	42.9	15	113	150
CPD-0602-LK[ ]	6YJNF84KE	22410	N/A	85.8	21.6	217.7	300	42.9	10	108	150
CPD-0603-LK[ ]	6YJNF84KE	23410[F]	N/A	85.8	20.4	216.5	300	42.9	9.6	107.6	150

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

[F] Uses 'E' motor condenser instead of standard 'F' motor

C-Series A2L

Specifications

CP Low Temperature Copeland Discus with R-454C Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CPD-0300-LK[ ]	68.5 (20.1)	81 (23.7)	95 (27.8)	110.4 (32.4)	127.3 (37.3)	145.5 (42.6)	165.1 (48.4)	185.9 (54.5)	208.1 (61)
CPD-0301-LK[ ]	69.4 (20.3)	82.3 (24.1)	96.7 (28.3)	112.6 (33)	130 (38.1)	148.9 (43.6)	169.3 (49.6)	191.1 (56)	214.2 (62.8)
CPD-0303-LK[ ]	66.5 (19.5)	78.4 (23)	91.7 (26.9)	106.2 (31.1)	121.9 (35.7)	138.8 (40.7)	156.9 (46)	176 (51.6)	196.1 (57.5)
CPD-0440-LK[ ]	85.3 (25)	100.7 (29.5)	117.9 (34.6)	136.9 (40.1)	157.6 (46.2)	180 (52.8)	204 (59.8)	229.6 (67.3)	256.7 (75.2)
CPD-0441-LK[ ]	86.3 (25.3)	102.1 (29.9)	119.7 (35.1)	139.2 (40.8)	160.6 (47.1)	183.7 (53.8)	208.6 (61.1)	235.1 (68.9)	263.3 (77.2)
CPD-0443-LK[ ]	84.4 (24.7)	99.4 (29.1)	116.3 (34.1)	134.8 (39.5)	155 (45.4)	176.8 (51.8)	200.1 (58.6)	224.8 (65.9)	250.9 (73.5)
CPD-0540-LK[ ]	101.2 (29.7)	119.5 (35)	139.9 (41)	162.4 (47.6)	186.9 (54.8)	213.5 (62.6)	241.9 (70.9)	272.3 (79.8)	304.5 (89.2)
CPD-0541-LK[ ]	103 (30.2)	121.9 (35.7)	143 (41.9)	166.4 (48.8)	192 (56.3)	219.8 (64.4)	249.8 (73.2)	281.9 (82.6)	316.1 (92.6)
CPD-0543-LK[ ]	100.9 (29.6)	119.1 (34.9)	139.3 (40.8)	161.7 (47.4)	186 (54.5)	212.3 (62.2)	240.6 (70.5)	270.7 (79.3)	302.5 (88.7)
CPD-0600-LK[ ]	124.6 (36.5)	146.7 (43)	171.4 (50.2)	198.5 (58.2)	228.1 (66.9)	260.1 (76.2)	294.4 (86.3)	331 (97)	369.8 (108.4)
CPD-0601-LK[ ]	127.9 (37.5)	151.1 (44.3)	177.1 (51.9)	205.9 (60.3)	237.4 (69.6)	271.7 (79.6)	308.7 (90.5)	348.3 (102.1)	390.7 (114.5)
CPD-0602-LK[ ]	126.3 (37)	149 (43.7)	174.3 (51.1)	202.3 (59.3)	232.9 (68.3)	266 (78)	301.7 (88.4)	339.9 (99.6)	380.5 (111.5)
CPD-0603-LK[ ]	126.9 (37.2)	149.8 (43.9)	175.3 (51.4)	203.6 (59.7)	234.5 (68.7)	268.1 (78.6)	304.2 (89.2)	343 (100.5)	384.2 (112.6)

[ ] Voltage

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

CP Low Temperature Copeland Discus with R-454C Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CPD-0300-LK[ ]	61.3 (18)	72.7 (21.3)	85.5 (25.1)	99.7 (29.2)	115.2 (33.8)	132 (38.7)	150.2 (44)	169.5 (49.7)	190.1 (55.7)
CPD-0301-LK[ ]	62.2 (18.2)	73.9 (21.7)	87.1 (25.5)	101.7 (29.8)	117.8 (34.5)	135.3 (39.7)	154.2 (45.2)	174.5 (51.1)	196 (57.4)
CPD-0303-LK[ ]	59.6 (17.5)	70.3 (20.6)	82.4 (24.2)	95.7 (28)	110.1 (32.3)	125.7 (36.8)	142.3 (41.7)	160 (46.9)	178.5 (52.3)
CPD-0440-LK[ ]	76.5 (22.4)	90.5 (26.5)	106.2 (31.1)	123.6 (36.2)	142.7 (41.8)	163.4 (47.9)	185.7 (54.4)	209.4 (61.4)	234.6 (68.8)
CPD-0441-LK[ ]	77.5 (22.7)	91.8 (26.9)	107.9 (31.6)	125.9 (36.9)	145.6 (42.7)	167 (48.9)	190.1 (55.7)	214.8 (63)	241.1 (70.7)
CPD-0443-LK[ ]	75.6 (22.2)	89.3 (26.2)	104.7 (30.7)	121.7 (35.7)	140.3 (41.1)	160.4 (47)	181.9 (53.3)	204.8 (60)	229.1 (67.1)
CPD-0540-LK[ ]	90.8 (26.6)	107.4 (31.5)	125.9 (36.9)	146.5 (42.9)	169.1 (49.6)	193.6 (56.7)	219.9 (64.4)	248.1 (72.7)	277.9 (81.4)
CPD-0541-LK[ ]	92.5 (27.1)	109.6 (32.1)	128.9 (37.8)	150.4 (44.1)	174 (51)	199.7 (58.5)	227.4 (66.6)	257.2 (75.4)	289.1 (84.7)
CPD-0543-LK[ ]	90.5 (26.5)	107 (31.4)	125.4 (36.8)	145.9 (42.8)	168.3 (49.3)	192.5 (56.4)	218.6 (64.1)	246.5 (72.2)	276 (80.9)
CPD-0600-LK[ ]	112 (32.8)	131.9 (38.7)	154.4 (45.3)	179.2 (52.5)	206.4 (60.5)	235.8 (69.1)	267.5 (78.4)	301.4 (88.3)	337.4 (98.9)
CPD-0601-LK[ ]	115 (33.7)	136 (39.9)	159.8 (46.8)	186.2 (54.6)	215.2 (63.1)	246.9 (72.4)	281.2 (82.4)	318.1 (93.2)	357.6 (104.8)
CPD-0602-LK[ ]	113.5 (33.3)	134 (39.3)	157.1 (46)	182.8 (53.6)	210.9 (61.8)	241.5 (70.8)	274.5 (80.5)	309.9 (90.8)	347.7 (101.9)
CPD-0603-LK[ ]	114 (33.4)	134.8 (39.5)	158.1 (46.3)	184 (53.9)	212.5 (62.3)	243.5 (71.4)	277 (81.2)	312.9 (91.7)	351.3 (103)

[ ] Voltage

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

CP Medium Temperature Bitzer Ecoline (Motor 1) with R-454A Electrical, Capacity, and Configuration Data

CP Medium Temperature Bitzer Ecoline (Motor 1) with R-454A AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CPE-0100-MD[ ]	4FES-5	11210	N/A	24.2	5.4	62.9	80	13.1	2.5	33.5	45
CPE-0101-MD[ ]	4FES-5	11410	7.6	24.2	5.4	62.9	80	13.1	2.5	33.5	45
CPE-0150-MD[ ]	4EES-6	11410	7.6	28.1	5.4	71.6	90	13.4	2.5	34.2	45
CPE-0151-MD[ ]	4EES-6	12210	7.6	28.1	10.8	77	100	13.4	5	36.7	50
CPE-0160-MD[ ]	4DES-7	12210	7.6	31	10.8	83.6	110	15.3	5	40.9	50
CPE-0161-MD[ ]	4DES-7	12310	7.6	31	10.8	83.6	110	15.3	5	40.9	50
CPE-0162-MD[ ]	4DES-7	12410	7.6	31	10.8	83.6	110	15.3	5	40.9	50
CPE-0180-MD[ ]	4CES-9	12210	7.6	34.2	10.8	90.8	110	17.1	5	45	60
CPE-0181-MD[ ]	4CES-9	12410	7.6	34.2	10.8	90.8	110	17.1	5	45	60
CPE-0200-MD[ ]	4TES-12	12310	7.6	42.3	10.8	109	150	21.2	5	54.2	70
CPE-0201-MD[ ]	4TES-12	13310	7.6	42.3	16.2	114.4	150	21.2	7.5	56.7	70
CPE-0202-MD[ ]	4TES-12	12410	7.6	42.3	10.8	109	150	21.2	5	54.2	70
CPE-0240-MD[ ]	4PES-15	12410	7.6	48.7	10.8	123.4	150	24.4	5	61.4	80
CPE-0241-MD[ ]	4PES-15	13310	7.6	48.7	16.2	128.8	175	24.4	7.5	63.9	80
CPE-0300-MD[ ]	4NES-20	13310	7.6	57.7	16.2	149	200	28.8	7.5	73.8	100
CPE-0301-MD[ ]	4NES-20	13410	7.6	57.7	16.2	149	200	28.8	7.5	73.8	100
CPE-0400-MD[ ]	4JE-22	13310	7.6	61.5	16.2	157.6	200	30.8	7.5	78.3	100
CPE-0401-MD[ ]	4JE-22	22310	7.6	61.5	21.6	163	200	30.8	10	80.8	110
CPE-0402-MD[ ]	4JE-22	13410	7.6	61.5	16.2	157.6	200	30.8	7.5	78.3	100
CPE-0500-MD[ ]	4HE-25	13410	7.6	75.6	16.2	189.3	250	37.8	7.5	94.1	125
CPE-0501-MD[ ]	4HE-25	23310	7.6	75.6	32.4	205.5	250	37.8	15	101.6	125
CPE-0600-MD[ ]	4GE-30	22410	7.6	89.7	21.6	226.4	300	44.9	10	112.5	150
CPE-0601-MD[ ]	4GE-30	23310	7.6	89.7	32.4	237.2	300	44.9	15	117.5	150
CPE-0700-MD[ ]	6HE-35	23310	7.6	105.1	32.4	271.9	350	52.6	15	134.9	175
CPE-0701-MD[ ]	6HE-35	24310	7.6	105.1	43.2	282.7	350	52.6	20	139.9	175
CPE-0702-MD[ ]	6HE-35	23410	7.6	105.1	32.4	271.9	350	52.6	15	134.9	175
CPE-0800-MD[ ]	6GE-40	23410	7.6	141	32.4	352.7	450	70.5	15	175.1	225
CPE-0801-MD[ ]	6GE-40	24410	7.6	141	43.2	363.5	500	70.5	20	180.1	250

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

CP Medium Temperature Bitzer Ecoline (Motor 1) with R-454A Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CPE-0100-MD[ ]	54.6 (16)	61.4 (18)	68.6 (20.1)	76.2 (22.3)	84.4 (24.7)	93 (27.3)	102 (29.9)	111.5 (32.7)	121.5 (35.6)	131.8 (38.6)	142.6 (41.8)
CPE-0101-MD[ ]	58.7 (17.2)	66.4 (19.5)	74.6 (21.9)	83.5 (24.5)	93.1 (27.3)	103.3 (30.3)	114.2 (33.5)	125.8 (36.9)	138.2 (40.5)	151.2 (44.3)	164.9 (48.3)
CPE-0150-MD[ ]	75.7 (22.2)	84.7 (24.8)	94.3 (27.6)	104.6 (30.7)	115.6 (33.9)	127.3 (37.3)	139.7 (40.9)	152.8 (44.8)	166.6 (48.8)	181.1 (53.1)	196.3 (57.5)
CPE-0151-MD[ ]	77 (22.6)	86.3 (25.3)	96.3 (28.2)	107 (31.4)	118.4 (34.7)	130.6 (38.3)	143.6 (42.1)	157.4 (46.1)	171.9 (50.4)	187.3 (54.9)	203.5 (59.6)
CPE-0160-MD[ ]	88.1 (25.8)	99 (29)	110.7 (32.4)	123.2 (36.1)	136.6 (40)	150.9 (44.2)	166 (48.7)	182 (53.3)	198.9 (58.3)	216.7 (63.5)	235.3 (69)
CPE-0161-MD[ ]	91.4 (26.8)	103 (30.2)	115.6 (33.9)	129.2 (37.9)	143.8 (42.1)	159.4 (46.7)	176.1 (51.6)	193.9 (56.8)	212.9 (62.4)	232.9 (68.3)	254 (74.4)
CPE-0162-MD[ ]	92.8 (27.2)	104.8 (30.7)	117.8 (34.5)	131.8 (38.6)	146.9 (43.1)	163.2 (47.8)	180.6 (52.9)	199.2 (58.4)	219 (64.2)	240.1 (70.4)	262.4 (76.9)
CPE-0180-MD[ ]	106.7 (31.3)	119.4 (35)	132.8 (38.9)	147.2 (43.1)	162.4 (47.6)	178.6 (52.3)	195.6 (57.3)	213.5 (62.6)	232.3 (68.1)	251.9 (73.8)	272.4 (79.8)
CPE-0181-MD[ ]	113.7 (33.3)	127.8 (37.5)	143.1 (41.9)	159.5 (46.7)	177.2 (51.9)	196.2 (57.5)	216.4 (63.4)	238 (69.8)	260.8 (76.4)	285.1 (83.6)	310.6 (91)
CPE-0200-MD[ ]	134.8 (39.5)	151.6 (44.4)	169.7 (49.7)	189.1 (55.4)	209.8 (61.5)	231.8 (67.9)	255.2 (74.8)	280 (82.1)	306.1 (89.7)	333.6 (97.8)	362.4 (106.2)
CPE-0201-MD[ ]	141.3 (41.4)	159.6 (46.8)	179.4 (52.6)	200.7 (58.8)	223.7 (65.6)	248.3 (72.8)	274.7 (80.5)	302.8 (88.7)	332.7 (97.5)	364.5 (106.8)	398 (116.6)
CPE-0202-MD[ ]	138.2 (40.5)	155.7 (45.6)	174.6 (51.2)	195 (57.2)	216.9 (63.6)	240.2 (70.4)	265.1 (77.7)	291.6 (85.5)	319.6 (93.7)	349.2 (102.3)	380.4 (111.5)
CPE-0240-MD[ ]	152.4 (44.7)	172.2 (50.5)	193.5 (56.7)	216.3 (63.4)	240.8 (70.6)	266.9 (78.2)	294.6 (86.3)	324 (95)	355 (104)	387.6 (113.6)	421.8 (123.6)
CPE-0241-MD[ ]	156.5 (45.9)	177.3 (52)	199.7 (58.5)	223.8 (65.6)	249.8 (73.2)	277.6 (81.4)	307.2 (90)	338.7 (99.3)	372.2 (109.1)	407.5 (119.4)	444.8 (130.4)
CPE-0300-MD[ ]	186.8 (54.7)	210.3 (61.6)	235.5 (69)	262.7 (77)	291.7 (85.5)	322.7 (94.6)	355.6 (104.2)	390.5 (114.4)	427.4 (125.3)	466.3 (136.7)	507.1 (148.6)
CPE-0301-MD[ ]	190.9 (55.9)	215.3 (63.1)	241.6 (70.8)	270 (79.1)	300.5 (88.1)	333.1 (97.6)	368 (107.9)	405 (118.7)	444.3 (130.2)	485.9 (142.4)	529.8 (155.3)
CPE-0400-MD[ ]	207.9 (60.9)	233.1 (68.3)	260.2 (76.3)	289 (84.7)	319.6 (93.7)	352.1 (103.2)	386.4 (113.2)	422.7 (123.9)	460.8 (135.1)	500.8 (146.8)	542.7 (159.1)
CPE-0401-MD[ ]	215.3 (63.1)	242.1 (71)	270.9 (79.4)	301.8 (88.5)	334.8 (98.1)	370 (108.4)	407.5 (119.4)	447.3 (131.1)	489.3 (143.4)	533.7 (156.4)	580.5 (170.1)
CPE-0402-MD[ ]	212.9 (62.4)	239.3 (70.1)	267.5 (78.4)	297.7 (87.3)	330 (96.7)	364.4 (106.8)	400.8 (117.5)	439.5 (128.8)	480.3 (140.8)	523.2 (153.3)	568.4 (166.6)
CPE-0500-MD[ ]	250.3 (73.4)	279.9 (82)	311.5 (91.3)	345.2 (101.2)	381 (111.7)	419 (122.8)	459.1 (134.6)	501.4 (147)	545.8 (160)	592.5 (173.7)	641.2 (187.9)
CPE-0501-MD[ ]	263.8 (77.3)	296.3 (86.8)	331.3 (97.1)	368.9 (108.1)	409.2 (119.9)	452.3 (132.6)	498.3 (146)	547.3 (160.4)	599.3 (175.6)	654.4 (191.8)	712.6 (208.9)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

(continued from previous page)

Model	MBH (kW)[E]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CPE-0600-MD[ ]	298.2 (87.4)	333.3 (97.7)	370.8 (108.7)	410.8 (120.4)	453.5 (132.9)	498.8 (146.2)	546.8 (160.3)	597.4 (175.1)	650.8 (190.7)	707 (207.2)	765.8 (224.4)
CPE-0601-MD[ ]	304.9 (89.4)	341.5 (100.1)	380.7 (111.6)	422.8 (123.9)	467.8 (137.1)	515.7 (151.1)	566.7 (166.1)	620.9 (182)	678.2 (198.8)	738.7 (216.5)	802.4 (235.2)
CPE-0700-MD[ ]	371.9 (109)	417.9 (122.5)	467.2 (136.9)	520.1 (152.4)	576.4 (168.9)	636.4 (186.5)	700 (205.2)	767.2 (224.9)	838.1 (245.6)	912.7 (267.5)	991 (290.4)
CPE-0701-MD[ ]	383.3 (112.3)	431.8 (126.6)	484.1 (141.9)	540.3 (158.4)	600.6 (176)	665.1 (194.9)	733.8 (215.1)	806.9 (236.5)	884.4 (259.2)	966.4 (283.2)	1,052.9 (308.6)
CPE-0702-MD[ ]	379.7 (111.3)	427.4 (125.3)	478.8 (140.3)	534 (156.5)	593 (173.8)	656.1 (192.3)	723.2 (212)	794.4 (232.8)	869.8 (254.9)	949.4 (278.3)	1,033.3 (302.8)
CPE-0800-MD[ ]	441.4 (129.4)	494 (144.8)	550.4 (161.3)	610.8 (179)	675.3 (197.9)	743.9 (218)	816.7 (239.4)	893.7 (261.9)	975 (285.8)	1,060.7 (310.9)	1,150.6 (337.2)
CPE-0801-MD[ ]	453.9 (133)	509.2 (149.2)	568.8 (166.7)	632.9 (185.5)	701.6 (205.6)	775 (227.1)	853.4 (250.1)	936.7 (274.5)	1,025.1 (300.4)	1,118.7 (327.9)	1,217.5 (356.8)

CP Medium Temperature Bitzer Ecoline (Motor 1) with R-454A Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CPE-0100-MD[ ]	48.7 (14.3)	54.8 (16.1)	61.4 (18)	68.4 (20)	75.8 (22.2)	83.7 (24.5)	92 (27)	100.7 (29.5)	109.9 (32.2)	119.4 (35)	129.4 (37.9)
CPE-0101-MD[ ]	52.5 (15.4)	59.5 (17.4)	67.1 (19.7)	75.3 (22.1)	84 (24.6)	93.4 (27.4)	103.5 (30.3)	114.2 (33.5)	125.6 (36.8)	137.7 (40.4)	150.4 (44.1)
CPE-0150-MD[ ]	68.6 (20.1)	76.9 (22.5)	85.7 (25.1)	95.2 (27.9)	105.3 (30.9)	116.1 (34)	127.5 (37.4)	139.6 (40.9)	152.4 (44.7)	165.8 (48.6)	179.9 (52.7)
CPE-0151-MD[ ]	69.9 (20.5)	78.4 (23)	87.6 (25.7)	97.5 (28.6)	108 (31.7)	119.3 (35)	131.3 (38.5)	144 (42.2)	157.5 (46.2)	171.8 (50.4)	186.8 (54.7)
CPE-0160-MD[ ]	79.2 (23.2)	89.1 (26.1)	99.8 (29.2)	111.3 (32.6)	123.6 (36.2)	136.7 (40.1)	150.6 (44.1)	165.4 (48.5)	181 (53)	197.4 (57.9)	214.6 (62.9)
CPE-0161-MD[ ]	82.3 (24.1)	93 (27.3)	104.5 (30.6)	117 (34.3)	130.4 (38.2)	144.8 (42.4)	160.2 (47)	176.7 (51.8)	194.2 (56.9)	212.8 (62.4)	232.4 (68.1)
CPE-0162-MD[ ]	83.7 (24.5)	94.7 (27.8)	106.6 (31.2)	119.5 (35)	133.4 (39.1)	148.4 (43.5)	164.5 (48.2)	181.7 (53.3)	200.1 (58.6)	219.6 (64.4)	240.4 (70.5)
CPE-0180-MD[ ]	96.3 (28.2)	107.8 (31.6)	120.1 (35.2)	133.2 (39)	147.1 (43.1)	161.9 (47.5)	177.5 (52)	193.9 (56.8)	211.2 (61.9)	229.3 (67.2)	248.2 (72.7)
CPE-0181-MD[ ]	102.9 (30.2)	115.9 (34)	129.9 (38.1)	145 (42.5)	161.3 (47.3)	178.7 (52.4)	197.4 (57.9)	217.3 (63.7)	238.5 (69.9)	260.9 (76.5)	284.7 (83.4)
CPE-0200-MD[ ]	120.8 (35.4)	136.2 (39.9)	152.7 (44.8)	170.5 (50)	189.5 (55.5)	209.8 (61.5)	231.4 (67.8)	254.2 (74.5)	278.4 (81.6)	303.9 (89.1)	330.8 (97)
CPE-0201-MD[ ]	127.1 (37.3)	143.8 (42.1)	162 (47.5)	181.7 (53.3)	202.9 (59.5)	225.7 (66.1)	250.1 (73.3)	276.3 (81)	304.1 (89.1)	333.7 (97.8)	365 (107)
CPE-0202-MD[ ]	124 (36.3)	140.1 (41.1)	157.4 (46.1)	176.2 (51.6)	196.3 (57.5)	217.9 (63.9)	240.9 (70.6)	265.4 (77.8)	291.4 (85.4)	319 (93.5)	348.1 (102)
CPE-0240-MD[ ]	135.6 (39.7)	153.7 (45)	173.2 (50.8)	194.2 (56.9)	216.7 (63.5)	240.7 (70.5)	266.4 (78.1)	293.5 (86)	322.3 (94.5)	352.6 (103.3)	384.5 (112.7)
CPE-0241-MD[ ]	139.5 (40.9)	158.5 (46.5)	179.1 (52.5)	201.3 (59)	225.2 (66)	250.9 (73.5)	278.3 (81.6)	307.6 (90.2)	338.7 (99.3)	371.6 (108.9)	406.4 (119.1)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

(continued from previous page)

Model	MBH (kW)[E]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CPE-0300-MD[ ]	167.8 (49.2)	189.2 (55.5)	212.4 (62.3)	237.3 (69.5)	264 (77.4)	292.6 (85.8)	323.1 (94.7)	355.4 (104.2)	389.6 (114.2)	425.7 (124.8)	463.7 (135.9)
CPE-0301-MD[ ]	171.7 (50.3)	194 (56.9)	218.2 (64)	244.4 (71.6)	272.5 (79.9)	302.7 (88.7)	334.9 (98.2)	369.3 (108.2)	405.9 (119)	444.6 (130.3)	485.5 (142.3)
CPE-0400-MD[ ]	186.8 (54.7)	210.1 (61.6)	235 (68.9)	261.5 (76.6)	289.8 (84.9)	319.8 (93.7)	351.7 (103.1)	385.3 (112.9)	420.7 (123.3)	457.9 (134.2)	496.9 (145.6)
CPE-0401-MD[ ]	193.9 (56.8)	218.7 (64.1)	245.3 (71.9)	273.9 (80.3)	304.5 (89.2)	337.1 (98.8)	371.9 (109)	408.9 (119.8)	448.1 (131.3)	489.5 (143.5)	533.1 (156.2)
CPE-0402-MD[ ]	191.7 (56.2)	216 (63.3)	242 (70.9)	270 (79.1)	299.8 (87.9)	331.7 (97.2)	365.5 (107.1)	401.4 (117.6)	439.3 (128.8)	479.4 (140.5)	521.6 (152.9)
CPE-0500-MD[ ]	226.1 (66.3)	253.3 (74.2)	282.4 (82.8)	313.4 (91.9)	346.3 (101.5)	381.3 (111.8)	418.3 (122.6)	457.3 (134)	498.4 (146.1)	541.6 (158.7)	586.8 (172)
CPE-0501-MD[ ]	239.1 (70.1)	269.1 (78.9)	301.4 (88.3)	336.1 (98.5)	373.4 (109.4)	413.3 (121.1)	455.9 (133.6)	501.4 (147)	549.7 (161.1)	600.9 (176.1)	655.2 (192)
CPE-0600-MD[ ]	269.7 (79)	301.9 (88.5)	336.3 (98.6)	373 (109.3)	412.1 (120.8)	453.7 (133)	497.8 (145.9)	544.5 (159.6)	593.7 (174)	645.6 (189.2)	700 (205.2)
CPE-0601-MD[ ]	276.2 (80.9)	309.8 (90.8)	345.9 (101.4)	384.5 (112.7)	425.9 (124.8)	470 (137.7)	517 (151.5)	567 (166.2)	619.9 (181.7)	675.9 (198.1)	735 (215.4)
CPE-0700-MD[ ]	335.4 (98.3)	377.6 (110.7)	423 (124)	471.7 (138.2)	523.7 (153.5)	579.1 (169.7)	637.9 (187)	700.2 (205.2)	766 (224.5)	835.4 (244.8)	908.2 (266.2)
CPE-0701-MD[ ]	346.3 (101.5)	391 (114.6)	439.2 (128.7)	491.2 (144)	547 (160.3)	606.8 (177.8)	670.6 (196.5)	738.5 (216.4)	810.7 (237.6)	887.2 (260)	968 (283.7)
CPE-0702-MD[ ]	342.8 (100.5)	386.8 (113.4)	434.1 (127.2)	485 (142.1)	539.6 (158.1)	598 (175.3)	660.3 (193.5)	726.4 (212.9)	796.6 (233.5)	870.8 (255.2)	949 (278.1)
CPE-0800-MD[ ]	400.6 (117.4)	448.9 (131.6)	500.8 (146.8)	556.4 (163.1)	615.8 (180.5)	679.2 (199.1)	746.5 (218.8)	817.9 (239.7)	893.3 (261.8)	972.9 (285.1)	1,056.6 (309.7)
CPE-0801-MD[ ]	412.7 (121)	463.7 (135.9)	518.7 (152)	577.9 (169.4)	641.4 (188)	709.5 (207.9)	782.2 (229.2)	859.7 (252)	942.1 (276.1)	1,029.4 (301.7)	1,121.6 (328.7)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CP Medium Temperature Bitzer Ecoline (Motor 1) with R-454C Electrical, Capacity, and Configuration Data

CP Medium Temperature Bitzer Ecoline (Motor 1) with R-454C AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CPE-0100-MK[ ]	4FES-5	11210	N/A	24.2	5.4	62.9	80	13.1	2.5	33.5	45
CPE-0101-MK[ ]	4FES-5	11410	7.6	24.2	5.4	62.9	80	13.1	2.5	33.5	45
CPE-0150-MK[ ]	4EES-6	11410	7.6	28.1	5.4	71.6	90	13.4	2.5	34.2	45
CPE-0151-MK[ ]	4EES-6	12210	7.6	28.1	10.8	77	100	13.4	5	36.7	50
CPE-0160-MK[ ]	4DES-7	12210	7.6	31	10.8	83.6	110	15.3	5	40.9	50
CPE-0161-MD[ ]	4DES-7	12310	7.6	31	10.8	83.6	110	15.3	5	40.9	50
CPE-0162-MK[ ]	4DES-7	12410	7.6	31	10.8	83.6	110	15.3	5	40.9	50
CPE-0180-MK[ ]	4CES-9	12210	7.6	34.2	10.8	90.8	110	17.1	5	45	60
CPE-0181-MK[ ]	4CES-9	12410	7.6	34.2	10.8	90.8	110	17.1	5	45	60
CPE-0200-MK[ ]	4TES-12	12310	7.6	42.3	10.8	109	150	21.2	5	54.2	70
CPE-0201-MK[ ]	4TES-12	13310	7.6	42.3	16.2	114.4	150	21.2	7.5	56.7	70
CPE-0202-MK[ ]	4TES-12	12410	7.6	42.3	10.8	109	150	21.2	5	54.2	70
CPE-0240-MK[ ]	4PES-15	12410	7.6	48.7	10.8	123.4	150	24.4	5	61.4	80
CPE-0241-MK[ ]	4PES-15	13310	7.6	48.7	16.2	128.8	175	24.4	7.5	63.9	80
CPE-0300-MK[ ]	4NES-20	13310	7.6	57.7	16.2	149	200	28.8	7.5	73.8	100
CPE-0301-MK[ ]	4NES-20	13410	7.6	57.7	16.2	149	200	28.8	7.5	73.8	100
CPE-0400-MK[ ]	4JE-22	13310	7.6	61.5	16.2	157.6	200	30.8	7.5	78.3	100
CPE-0401-MK[ ]	4JE-22	22310	7.6	61.5	21.6	163	200	30.8	10	80.8	110
CPE-0402-MK[ ]	4JE-22	13410	7.6	61.5	16.2	157.6	200	30.8	7.5	78.3	100
CPE-0500-MK[ ]	4HE-25	13410	7.6	75.6	16.2	189.3	250	37.8	7.5	94.1	125
CPE-0501-MK[ ]	4HE-25	23310	7.6	75.6	32.4	205.5	250	37.8	15	101.6	125
CPE-0600-MK[ ]	4GE-30	22410	7.6	89.7	21.6	226.4	300	44.9	10	112.5	150
CPE-0601-MK[ ]	4GE-30	23310	7.6	89.7	32.4	237.2	300	44.9	15	117.5	150
CPE-0700-MK[ ]	6HE-35	23310	7.6	105.1	32.4	271.9	350	52.6	15	134.9	175
CPE-0701-MK[ ]	6HE-35	24310	7.6	105.1	43.2	282.7	350	52.6	20	139.9	175
CPE-0702-MK[ ]	6HE-35	23410	7.6	105.1	32.4	271.9	350	52.6	15	134.9	175
CPE-0800-MK[ ]	6GE-40	23410	7.6	141	32.4	352.7	450	70.5	15	175.1	225
CPE-0801-MK[ ]	6GE-40	24410	7.6	141	43.2	363.5	500	70.5	20	180.1	250

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

CP Medium Temperature Bitzer Ecoline (Motor 1) with R-454C Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CPE-0100-MK[ ]	44 (12.9)	50.1 (14.7)	56.8 (16.6)	64.1 (18.8)	72.1 (21.1)	80.9 (23.7)	90.4 (26.5)	100.6 (29.5)	111.6 (32.7)	123.4 (36.2)	135.9 (39.8)
CPE-0101-MK[ ]	46.8 (13.7)	53.5 (15.7)	61 (17.9)	69.2 (20.3)	78.4 (23)	88.4 (25.9)	99.3 (29.1)	111.3 (32.6)	124.2 (36.4)	138.2 (40.5)	153.2 (44.9)
CPE-0150-MK[ ]	57.3 (16.8)	65.4 (19.2)	74.4 (21.8)	84.4 (24.7)	95.3 (27.9)	107.3 (31.4)	120.4 (35.3)	134.6 (39.4)	149.9 (43.9)	166.4 (48.8)	184.1 (54)
CPE-0151-MK[ ]	58.2 (17.1)	66.6 (19.5)	75.9 (22.2)	86.1 (25.2)	97.4 (28.5)	109.9 (32.2)	123.4 (36.2)	138.2 (40.5)	154.2 (45.2)	171.5 (50.3)	190 (55.7)
CPE-0160-MK[ ]	65.5 (19.2)	74.8 (21.9)	85.2 (25)	96.7 (28.3)	109.3 (32)	123.1 (36.1)	138.2 (40.5)	154.5 (45.3)	172.2 (50.5)	191.3 (56.1)	211.7 (62)
CPE-0161-MD[ ]	67.5 (19.8)	77.4 (22.7)	88.4 (25.9)	100.5 (29.5)	114 (33.4)	128.8 (37.7)	145 (42.5)	162.7 (47.7)	182 (53.3)	202.8 (59.4)	225.3 (66)
CPE-0162-MK[ ]	68.4 (20)	78.5 (23)	89.7 (26.3)	102.2 (30)	116 (34)	131.3 (38.5)	148 (43.4)	166.3 (48.7)	186.3 (54.6)	207.9 (60.9)	231.2 (67.8)
CPE-0180-MK[ ]	81.4 (23.9)	92.7 (27.2)	105 (30.8)	118.7 (34.8)	133.6 (39.2)	149.9 (43.9)	167.6 (49.1)	186.7 (54.7)	207.3 (60.8)	229.4 (67.2)	253 (74.2)
CPE-0181-MK[ ]	86 (25.2)	98.3 (28.8)	112 (32.8)	127.2 (37.3)	143.9 (42.2)	162.4 (47.6)	182.6 (53.5)	204.6 (60)	228.5 (67)	254.3 (74.5)	282.2 (82.7)
CPE-0200-MK[ ]	98.6 (28.9)	113.1 (33.1)	129.2 (37.9)	147.1 (43.1)	166.7 (48.9)	188.2 (55.2)	211.6 (62)	237.1 (69.5)	264.5 (77.5)	294 (86.2)	325.6 (95.4)
CPE-0201-MK[ ]	102.4 (30)	117.9 (34.6)	135.2 (39.6)	154.5 (45.3)	175.9 (51.6)	199.4 (58.4)	225.3 (66)	253.5 (74.3)	284.2 (83.3)	317.4 (93)	353.2 (103.5)
CPE-0202-MK[ ]	100.6 (29.5)	115.6 (33.9)	132.3 (38.8)	150.9 (44.2)	171.4 (50.2)	193.9 (56.8)	218.5 (64)	245.4 (71.9)	274.5 (80.5)	305.8 (89.6)	339.5 (99.5)
CPE-0240-MK[ ]	111.9 (32.8)	128.8 (37.7)	147.7 (43.3)	168.6 (49.4)	191.7 (56.2)	217 (63.6)	244.7 (71.7)	274.7 (80.5)	307.1 (90)	342.1 (100.3)	379.5 (111.2)
CPE-0241-MK[ ]	114.3 (33.5)	131.9 (38.7)	151.6 (44.4)	173.5 (50.8)	197.7 (57.9)	224.3 (65.7)	253.5 (74.3)	285.4 (83.6)	319.9 (93.8)	357.3 (104.7)	397.4 (116.5)
CPE-0300-MK[ ]	136 (39.9)	156.1 (45.8)	178.6 (52.3)	203.4 (59.6)	230.8 (67.6)	260.9 (76.5)	293.8 (86.1)	329.5 (96.6)	368.1 (107.9)	409.8 (120.1)	454.4 (133.2)
CPE-0301-MK[ ]	138.4 (40.6)	159.2 (46.7)	182.4 (53.5)	208.2 (61)	236.7 (69.4)	268.1 (78.6)	302.5 (88.7)	340 (99.6)	380.7 (111.6)	424.7 (124.5)	472 (138.3)
CPE-0400-MK[ ]	151.9 (44.5)	173.8 (50.9)	198.1 (58.1)	224.8 (65.9)	254.1 (74.5)	286.1 (83.9)	320.9 (94.1)	358.6 (105.1)	399.2 (117)	442.8 (129.8)	489.3 (143.4)
CPE-0401-MK[ ]	156.3 (45.8)	179.4 (52.6)	204.9 (60.1)	233.3 (68.4)	264.5 (77.5)	298.8 (87.6)	336.2 (98.5)	376.9 (110.5)	421 (123.4)	468.6 (137.3)	519.7 (152.3)
CPE-0402-MK[ ]	154.9 (45.4)	177.6 (52.1)	202.8 (59.4)	230.6 (67.6)	261.2 (76.6)	294.8 (86.4)	331.4 (97.1)	371.1 (108.8)	414.1 (121.4)	460.4 (134.9)	510 (149.5)
CPE-0500-MK[ ]	181 (53)	206.6 (60.6)	234.9 (68.8)	266.1 (78)	300.3 (88)	337.7 (99)	378.3 (110.9)	422.2 (123.7)	469.5 (137.6)	520.3 (152.5)	574.6 (168.4)
CPE-0501-MK[ ]	189 (55.4)	216.7 (63.5)	247.5 (72.5)	281.6 (82.5)	319.3 (93.6)	360.8 (105.7)	406.3 (119.1)	455.9 (133.6)	509.8 (149.4)	568.1 (166.5)	630.9 (184.9)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

(continued from previous page)

Model	MBH (kW)[E]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CPE-0600-MK[ ]	211.7 (62)	241.7 (70.8)	275 (80.6)	311.7 (91.4)	352 (103.2)	396.1 (116.1)	444.2 (130.2)	496.3 (145.5)	552.6 (162)	613.1 (179.7)	678 (198.7)
CPE-0601-MK[ ]	215.6 (63.2)	246.6 (72.3)	281.1 (82.4)	319.3 (93.6)	361.4 (105.9)	407.5 (119.4)	458 (134.2)	513 (150.4)	572.5 (167.8)	636.8 (186.6)	705.9 (206.9)
CPE-0700-MK[ ]	269 (78.8)	307.5 (90.1)	350 (102.6)	397 (116.4)	448.6 (131.5)	505.2 (148.1)	566.8 (166.1)	633.6 (185.7)	705.9 (206.9)	783.6 (229.7)	867 (254.1)
CPE-0701-MK[ ]	275.6 (80.8)	315.7 (92.5)	360.3 (105.6)	409.7 (120.1)	464.3 (136.1)	524.2 (153.6)	589.8 (172.9)	661.2 (193.8)	738.8 (216.5)	822.6 (241.1)	912.9 (267.6)
CPE-0702-MK[ ]	273.6 (80.2)	313.1 (91.8)	357.1 (104.7)	405.7 (118.9)	459.3 (134.6)	518.2 (151.9)	582.5 (170.7)	652.5 (191.2)	728.4 (213.5)	810.3 (237.5)	898.3 (263.3)
CPE-0800-MK[ ]	309.7 (90.8)	353.3 (103.5)	401.5 (117.7)	454.6 (133.2)	512.9 (150.3)	576.6 (169)	645.8 (189.3)	720.8 (211.3)	801.8 (235)	888.7 (260.5)	981.7 (287.7)
CPE-0801-MK[ ]	316.8 (92.8)	362.3 (106.2)	412.8 (121)	468.6 (137.3)	530 (155.3)	597.5 (175.1)	671.1 (196.7)	751.3 (220.2)	838.2 (245.7)	931.9 (273.1)	1,032.7 (302.7)

CP Medium Temperature Bitzer Ecoline (Motor 1) with R-454C Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CPE-0100-MK[ ]	39.3 (11.5)	44.8 (13.1)	50.9 (14.9)	57.7 (16.9)	65.1 (19.1)	73.2 (21.5)	82 (24)	91.6 (26.8)	101.9 (29.9)	112.9 (33.1)	124.7 (36.5)
CPE-0101-MK[ ]	41.8 (12.3)	48 (14.1)	54.8 (16.1)	62.5 (18.3)	70.9 (20.8)	80.2 (23.5)	90.4 (26.5)	101.6 (29.8)	113.8 (33.4)	126.9 (37.2)	141.1 (41.4)
CPE-0150-MK[ ]	51.1 (15)	58.6 (17.2)	66.8 (19.6)	76 (22.3)	86.1 (25.2)	97.2 (28.5)	109.4 (32.1)	122.7 (36)	137 (40.2)	152.5 (44.7)	169.2 (49.6)
CPE-0151-MK[ ]	52 (15.2)	59.6 (17.5)	68.2 (20)	77.6 (22.7)	88.1 (25.8)	99.6 (29.2)	112.3 (32.9)	126.1 (37)	141.1 (41.4)	157.3 (46.1)	174.8 (51.2)
CPE-0160-MK[ ]	58.4 (17.1)	66.9 (19.6)	76.5 (22.4)	87 (25.5)	98.7 (28.9)	111.5 (32.7)	125.6 (36.8)	140.9 (41.3)	157.5 (46.2)	175.4 (51.4)	194.7 (57.1)
CPE-0161-MD[ ]	60.3 (17.7)	69.3 (20.3)	79.4 (23.3)	90.7 (26.6)	103.1 (30.2)	116.9 (34.3)	132 (38.7)	148.6 (43.6)	166.7 (48.9)	186.3 (54.6)	207.5 (60.8)
CPE-0162-MK[ ]	61.1 (17.9)	70.4 (20.6)	80.7 (23.7)	92.2 (27)	105.1 (30.8)	119.2 (34.9)	134.9 (39.5)	152 (44.5)	170.7 (50)	191.1 (56)	213.2 (62.5)
CPE-0180-MK[ ]	72.8 (21.3)	83.1 (24.4)	94.4 (27.7)	106.9 (31.3)	120.7 (35.4)	135.8 (39.8)	152.3 (44.6)	170.2 (49.9)	189.4 (55.5)	210.2 (61.6)	232.4 (68.1)
CPE-0181-MK[ ]	77.1 (22.6)	88.4 (25.9)	101 (29.6)	115 (33.7)	130.5 (38.2)	147.6 (43.3)	166.5 (48.8)	187.1 (54.8)	209.5 (61.4)	233.8 (68.5)	260.1 (76.2)
CPE-0200-MK[ ]	87.9 (25.8)	101 (29.6)	115.7 (33.9)	132.1 (38.7)	150.1 (44)	170 (49.8)	191.7 (56.2)	215.4 (63.1)	241.1 (70.7)	268.7 (78.8)	298.4 (87.5)
CPE-0201-MK[ ]	91.4 (26.8)	105.5 (30.9)	121.3 (35.6)	139 (40.7)	158.7 (46.5)	180.5 (52.9)	204.5 (59.9)	230.8 (67.6)	259.5 (76.1)	290.7 (85.2)	324.3 (95)
CPE-0202-MK[ ]	89.7 (26.3)	103.3 (30.3)	118.6 (34.8)	135.6 (39.7)	154.5 (45.3)	175.3 (51.4)	198.2 (58.1)	223.2 (65.4)	250.4 (73.4)	279.8 (82)	311.5 (91.3)
CPE-0240-MK[ ]	99.1 (29)	114.5 (33.6)	131.7 (38.6)	150.8 (44.2)	172.1 (50.4)	195.4 (57.3)	221.1 (64.8)	249 (73)	279.3 (81.9)	312 (91.4)	347.2 (101.8)
CPE-0241-MK[ ]	101.4 (29.7)	117.3 (34.4)	135.3 (39.7)	155.3 (45.5)	177.6 (52.1)	202.2 (59.3)	229.3 (67.2)	258.9 (75.9)	291.2 (85.3)	326.2 (95.6)	364 (106.7)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

(continued from previous page)

Model	MBH (kW)[E]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CPE-0300-MK[ ]	121.3 (35.6)	139.6 (40.9)	160.1 (46.9)	182.8 (53.6)	208.1 (61)	235.9 (69.1)	266.4 (78.1)	299.6 (87.8)	335.8 (98.4)	374.8 (109.8)	416.8 (122.2)
CPE-0301-MK[ ]	123.6 (36.2)	142.5 (41.8)	163.6 (47.9)	187.3 (54.9)	213.6 (62.6)	242.6 (71.1)	274.5 (80.5)	309.5 (90.7)	347.5 (101.8)	388.8 (114)	433.3 (127)
CPE-0400-MK[ ]	135.3 (39.7)	155.3 (45.5)	177.5 (52)	202 (59.2)	229 (67.1)	258.7 (75.8)	291 (85.3)	326.1 (95.6)	364 (106.7)	404.8 (118.6)	448.5 (131.4)
CPE-0401-MK[ ]	139.5 (40.9)	160.5 (47)	184 (53.9)	210.1 (61.6)	238.9 (70)	270.6 (79.3)	305.4 (89.5)	343.4 (100.6)	384.6 (112.7)	429.3 (125.8)	477.3 (139.9)
CPE-0402-MK[ ]	138.2 (40.5)	158.9 (46.6)	181.9 (53.3)	207.5 (60.8)	235.8 (69.1)	266.8 (78.2)	300.8 (88.2)	337.9 (99)	378.1 (110.8)	421.5 (123.5)	468.1 (137.2)
CPE-0500-MK[ ]	161.8 (47.4)	185.1 (54.2)	211 (61.8)	239.5 (70.2)	271 (79.4)	305.4 (89.5)	343 (100.5)	383.9 (112.5)	428 (125.4)	475.5 (139.4)	526.4 (154.3)
CPE-0501-MK[ ]	169.5 (49.7)	194.7 (57.1)	222.9 (65.3)	254.3 (74.5)	289.1 (84.7)	327.5 (96)	369.7 (108.4)	415.9 (121.9)	466.2 (136.6)	520.9 (152.7)	579.9 (170)
CPE-0600-MK[ ]	189.5 (55.5)	216.7 (63.5)	247 (72.4)	280.6 (82.2)	317.6 (93.1)	358.2 (105)	402.6 (118)	451 (132.2)	503.4 (147.5)	559.9 (164.1)	620.6 (181.9)
CPE-0601-MK[ ]	193.2 (56.6)	221.5 (64.9)	252.9 (74.1)	287.9 (84.4)	326.5 (95.7)	369.1 (108.2)	415.8 (121.9)	466.8 (136.8)	522.3 (153.1)	582.3 (170.7)	647.1 (189.7)
CPE-0700-MK[ ]	240.9 (70.6)	275.9 (80.9)	314.9 (92.3)	358 (104.9)	405.6 (118.9)	458 (134.2)	515.2 (151)	577.4 (169.2)	644.9 (189)	717.8 (210.4)	796.1 (233.3)
CPE-0701-MK[ ]	247.2 (72.5)	283.8 (83.2)	324.7 (95.2)	370.1 (108.5)	420.5 (123.2)	476 (139.5)	536.9 (157.4)	603.6 (176.9)	676.1 (198.2)	754.8 (221.2)	839.7 (246.1)
CPE-0702-MK[ ]	245.2 (71.9)	281.4 (82.5)	321.6 (94.3)	366.3 (107.4)	415.8 (121.9)	470.3 (137.8)	530.1 (155.4)	595.3 (174.5)	666.3 (195.3)	743.1 (217.8)	825.9 (242.1)
CPE-0800-MK[ ]	277.9 (81.4)	317.5 (93.1)	361.4 (105.9)	410 (120.2)	463.4 (135.8)	522 (153)	585.9 (171.7)	655.3 (192.1)	730.5 (214.1)	811.5 (237.8)	898.4 (263.3)
CPE-0801-MK[ ]	284.7 (83.4)	326.1 (95.6)	372.1 (109.1)	423.1 (124)	479.6 (140.6)	541.7 (158.8)	609.7 (178.7)	684 (200.5)	764.7 (224.1)	852.2 (249.8)	946.4 (277.4)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CP Low Temperature Bitzer Ecoline (Motor 1) with R-454A Electrical, Capacity, and Configuration Data

CP Low Temperature Bitzer Ecoline (Motor 1) with R-454A AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CPE-0300-LD[ ]	4HE-25	12410	3.15	75.6	10.8	183.9	250	37.8	5	91.6	125
CPE-0301-LD[ ]	4HE-25	13310	N/A	75.6	16.2	189.3	250	37.8	7.5	94.1	125
CPE-0440-LD[ ]	4GE-30	13310	N/A	89.7	16.2	221	300	44.9	7.5	110	150
CPE-0441-LD[ ]	4GE-30	13410	N/A	89.7	16.2	221	300	44.9	7.5	110	150
CPE-0540-LD[ ]	6HE-35	13410	N/A	105.1	16.2	255.7	350	52.6	7.5	127.4	175
CPE-0541-LD[ ]	6HE-35	22410	N/A	105.1	21.6	261.1	350	52.6	10	129.9	175
CPE-0600-LD[ ]	6GE-40	22310	N/A	141	21.6	341.9	450	70.5	10	170.1	225
CPE-0601-LD[ ]	6GE-40	23310	N/A	141	32.4	352.7	450	70.5	15	175.1	225
CPE-0602-LD[ ]	6GE-40	22410	N/A	141	21.6	341.9	450	70.5	10	170.1	225

CP Low Temperature Bitzer Ecoline (Motor 1) with R-454A Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CPE-0300-LD[ ]	71.7 (21)	88.1 (25.8)	105.3 (30.9)	123.7 (36.3)	143.2 (42)	163.9 (48)	185.9 (54.5)	209.4 (61.4)	234.2 (68.6)
CPE-0301-LD[ ]	73.4 (21.5)	90.2 (26.4)	108 (31.7)	127 (37.2)	147.3 (43.2)	169 (49.5)	192.2 (56.3)	217 (63.6)	243.5 (71.4)
CPE-0440-LD[ ]	86.3 (25.3)	105.8 (31)	126.3 (37)	147.9 (43.3)	170.9 (50.1)	195.3 (57.2)	221.1 (64.8)	248.6 (72.9)	277.7 (81.4)
CPE-0441-LD[ ]	88 (25.8)	107.8 (31.6)	128.9 (37.8)	151.2 (44.3)	174.9 (51.3)	200.2 (58.7)	227.3 (66.6)	256.1 (75.1)	286.8 (84.1)
CPE-0540-LD[ ]	104.7 (30.7)	127.6 (37.4)	152.2 (44.6)	178.7 (52.4)	207.3 (60.8)	237.9 (69.7)	270.8 (79.4)	306 (89.7)	343.5 (100.7)
CPE-0541-LD[ ]	107.4 (31.5)	131.1 (38.4)	156.8 (46)	184.6 (54.1)	214.7 (62.9)	247.3 (72.5)	282.5 (82.8)	320.4 (93.9)	361.2 (105.9)
CPE-0600-LD[ ]	132.5 (38.8)	159 (46.6)	187.3 (54.9)	217.5 (63.7)	249.9 (73.2)	284.5 (83.4)	321.5 (94.2)	360.9 (105.8)	402.8 (118.1)
CPE-0601-LD[ ]	137.1 (40.2)	164.9 (48.3)	194.8 (57.1)	227.1 (66.6)	262 (76.8)	299.7 (87.8)	340.4 (99.8)	384.2 (112.6)	431.2 (126.4)
CPE-0602-LD[ ]	134.8 (39.5)	162 (47.5)	191.1 (56)	222.4 (65.2)	256.1 (75.1)	292.3 (85.7)	331.1 (97)	372.8 (109.3)	417.3 (122.3)

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

[E] All temperatures shown reflect the midpoint evaporator temperature.

CP Low Temperature Bitzer Ecoline (Motor 1) with R-454A Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CPE-0300-LD[ ]	60.4 (17.7)	75.9 (22.2)	92.1 (27)	109.1 (32)	127.2 (37.3)	146.3 (42.9)	166.5 (48.8)	188 (55.1)	210.7 (61.8)
CPE-0301-LD[ ]	61.9 (18.1)	77.8 (22.8)	94.5 (27.7)	112.3 (32.9)	131.1 (38.4)	151.1 (44.3)	172.5 (50.6)	195.3 (57.2)	219.6 (64.4)
CPE-0440-LD[ ]	72.8 (21.3)	91.3 (26.8)	110.6 (32.4)	130.8 (38.3)	152.1 (44.6)	174.5 (51.1)	198.3 (58.1)	223.4 (65.5)	250 (73.3)
CPE-0441-LD[ ]	74.3 (21.8)	93.3 (27.3)	113.1 (33.1)	133.9 (39.2)	156 (45.7)	179.3 (52.5)	204.2 (59.8)	230.6 (67.6)	258.7 (75.8)
CPE-0540-LD[ ]	90.1 (26.4)	111.3 (32.6)	133.9 (39.2)	158.2 (46.4)	184.3 (54)	212.3 (62.2)	242.2 (71)	274.3 (80.4)	308.5 (90.4)
CPE-0541-LD[ ]	92.4 (27.1)	114.4 (33.5)	138 (40.4)	163.6 (47.9)	191.2 (56)	221 (64.8)	253.2 (74.2)	287.9 (84.4)	325.2 (95.3)
CPE-0600-LD[ ]	116.9 (34.3)	141.3 (41.4)	167.3 (49)	195 (57.2)	224.5 (65.8)	256 (75)	289.6 (84.9)	325.5 (95.4)	363.5 (106.5)
CPE-0601-LD[ ]	120.9 (35.4)	146.6 (43)	174.2 (51.1)	203.9 (59.8)	235.9 (69.1)	270.4 (79.2)	307.6 (90.2)	347.7 (101.9)	390.7 (114.5)
CPE-0602-LD[ ]	118.9 (34.8)	144 (42.2)	170.8 (50.1)	199.5 (58.5)	230.3 (67.5)	263.4 (77.2)	298.8 (87.6)	336.8 (98.7)	377.4 (110.6)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CP Low Temperature Bitzer Ecoline (Motor 1) with R-454C Electrical, Capacity, and Configuration Data

CP Low Temperature Bitzer Ecoline (Motor 1) with R-454C AWEF and Electrical Data

Model	Compressor[B]	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CPE-0300-LK[ ]	4HE-25	12410	N/A	75.6	10.8	183.9	250	37.8	5	91.6	125
CPE-0301-LK[ ]	4HE-25	13310	N/A	75.6	16.2	189.3	250	37.8	7.5	94.1	125
CPE-0440-LK[ ]	4GE-30	13310	N/A	89.7	16.2	221	300	44.9	7.5	110	150
CPE-0441-LK[ ]	4GE-30	13410	N/A	89.7	16.2	221	300	44.9	7.5	110	150
CPE-0540-LK[ ]	6HE-35	13410	N/A	105.1	16.2	255.7	350	52.6	7.5	127.4	175
CPE-0541-LK[ ]	6HE-35	22410	N/A	105.1	21.6	261.1	350	52.6	10	129.9	175
CPE-0600-LK[ ]	6GE-40	22310	N/A	141	21.6	341.9	450	70.5	10	170.1	225
CPE-0601-LK[ ]	6GE-40	23310	N/A	141	32.4	352.7	450	70.5	15	175.1	225
CPE-0602-LK[ ]	6GE-40	22410	N/A	141	21.6	341.9	450	70.5	10	170.1	225

CP Low Temperature Bitzer Ecoline (Motor 1) with R-454C Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CPE-0300-LK[ ]	46.2 (13.5)	57.9 (17)	70.3 (20.6)	83.6 (24.5)	98 (28.7)	113.8 (33.4)	131.1 (38.4)	150.3 (44.1)	171.4 (50.2)
CPE-0301-LK[ ]	46.9 (13.7)	58.9 (17.3)	71.5 (21)	85.2 (25)	100.1 (29.3)	116.5 (34.1)	134.6 (39.4)	154.7 (45.3)	176.9 (51.8)
CPE-0440-LK[ ]	54.4 (15.9)	68 (19.9)	82.4 (24.2)	97.8 (28.7)	114.5 (33.6)	132.8 (38.9)	153 (44.8)	175.3 (51.4)	199.9 (58.6)
CPE-0441-LK[ ]	55.1 (16.1)	68.9 (20.2)	83.5 (24.5)	99.3 (29.1)	116.5 (34.1)	135.4 (39.7)	156.3 (45.8)	179.5 (52.6)	205.1 (60.1)
CPE-0540-LK[ ]	68.3 (20)	85.5 (25.1)	103.6 (30.4)	123.1 (36.1)	144.3 (42.3)	167.5 (49.1)	193.1 (56.6)	221.3 (64.9)	252.5 (74)
CPE-0541-LK[ ]	69.6 (20.4)	87.2 (25.6)	105.9 (31)	126.1 (37)	148.2 (43.4)	172.6 (50.6)	199.6 (58.5)	229.6 (67.3)	262.8 (77)
CPE-0600-LK[ ]	79.6 (23.3)	99.2 (29.1)	119.9 (35.1)	142.1 (41.6)	166.1 (48.7)	192.4 (56.4)	221.2 (64.8)	252.9 (74.1)	287.6 (84.3)
CPE-0601-LK[ ]	81.8 (24)	102.1 (29.9)	123.6 (36.2)	146.9 (43.1)	172.3 (50.5)	200.4 (58.7)	231.4 (67.8)	265.8 (77.9)	303.9 (89.1)
CPE-0602-LK[ ]	80.7 (23.7)	100.7 (29.5)	121.8 (35.7)	144.6 (42.4)	169.3 (49.6)	196.5 (57.6)	226.4 (66.4)	259.5 (76.1)	296 (86.8)

[ ] Voltage

[B] Two compressors per unit.

[C] Listed as 208 VAC value.

[E] All temperatures shown reflect the midpoint evaporator temperature.

CP Low Temperature Bitzer Ecoline (Motor 1) with R-454C Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CPE-0300-LK[ ]	39.2 (11.5)	50.1 (14.7)	61.4 (18)	73.4 (21.5)	86.4 (25.3)	100.6 (29.5)	116.3 (34.1)	133.5 (39.1)	152.6 (44.7)
CPE-0301-LK[ ]	39.9 (11.7)	51 (14.9)	62.6 (18.3)	75 (22)	88.5 (25.9)	103.3 (30.3)	119.6 (35.1)	137.8 (40.4)	157.9 (46.3)
CPE-0440-LK[ ]	46.6 (13.7)	59.3 (17.4)	72.4 (21.2)	86.3 (25.3)	101.4 (29.7)	117.8 (34.5)	135.9 (39.8)	155.9 (45.7)	178.1 (52.2)
CPE-0441-LK[ ]	47.3 (13.9)	60.1 (17.6)	73.5 (21.5)	87.8 (25.7)	103.3 (30.3)	120.3 (35.3)	139.2 (40.8)	160 (46.9)	183.2 (53.7)
CPE-0540-LK[ ]	57.8 (16.9)	73.7 (21.6)	90.3 (26.5)	108.1 (31.7)	127.2 (37.3)	148.2 (43.4)	171.2 (50.2)	196.7 (57.6)	225 (65.9)
CPE-0541-LK[ ]	59.1 (17.3)	75.5 (22.1)	92.7 (27.2)	111.1 (32.6)	131.1 (38.4)	153.1 (44.9)	177.6 (52.1)	204.7 (60)	234.9 (68.8)
CPE-0600-LK[ ]	66.8 (19.6)	85.3 (25)	104.6 (30.7)	124.9 (36.6)	146.8 (43)	170.6 (50)	196.6 (57.6)	225.2 (66)	256.5 (75.2)
CPE-0601-LK[ ]	69.2 (20.3)	88.4 (25.9)	108.4 (31.8)	129.8 (38)	153.1 (44.9)	178.5 (52.3)	206.6 (60.6)	237.8 (69.7)	272.3 (79.8)
CPE-0602-LK[ ]	68.1 (20)	86.9 (25.5)	106.6 (31.2)	127.5 (37.4)	150 (44)	174.7 (51.2)	201.7 (59.1)	231.6 (67.9)	264.6 (77.5)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CS Specifications

CS Connections, Receiver, and Weight

Model	Connections		Receiver[A]			Unit ID	Weight lb (kg)
Medium Temp.	Liquid	Suction	Size	R-454A lb (kg)	R-454C lb (kg)		
CS*-0100-M( )[ ]	7/8"	1 5/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CS-11	1,664 (755)
CS*-0101-M( )[ ]	7/8"	1 5/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CS-12	2,015 (914)
CS*-0102-M( )[ ]	7/8"	1 5/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CS-11	1,694 (769)
CS*-0150-M( )[ ]	1 1/8"	2 1/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CS-12	2,004 (909)
CS*-0151-M( )[ ]	1 1/8"	2 1/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CS-12	2,100 (953)
CS*-0152-M( )[ ]	1 1/8"	2 1/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CS-12	2,159 (979)
CS*-0200-M( )[ ]	1 1/8"	2 1/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CS-12	2,052 (931)
CS*-0201-M( )[ ]	1 1/8"	2 1/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CS-12	2,149 (975)
CS*-0202-M( )[ ]	1 1/8"	2 1/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CS-12	2,208 (1,002)
CS*-0250-M( )[ ]	1 1/8"	2 1/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CS-12	2,172 (985)
CS*-0251-M( )[ ]	1 1/8"	2 1/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CS-13	2,791 (1,266)
CS*-0252-M( )[ ]	1 1/8"	2 1/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CS-12	2,231 (1,012)
CS*-0300-M( )[ ]	1 1/8"	2 1/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CS-12	2,276 (1,032)
CS*-0301-M( )[ ]	1 1/8"	2 1/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CS-13	2,864 (1,299)
CS*-0302-M( )[ ]	1 1/8"	2 1/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CS-12	2,322 (1,053)
CS*-0350-M( )[ ]	1 3/8"	2 1/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CS-13	2,885 (1,309)
CS*-0351-M( )[ ]	1 3/8"	2 1/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CS-22	3,391 (1,538)
CS*-0352-M( )[ ]	1 3/8"	2 1/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CS-13	3,165 (1,436)
CS*-0400-M( )[ ]	1 3/8"	2 5/8"	10 3/4" x 72" (273 mm x 1.83 m)	210 (95.3)	215 (97.5)	CS-13	3,100 (1,406)
CS*-0401-M( )[ ]	1 3/8"	2 5/8"	10 3/4" x 96" (273 mm x 2.44 m)	280 (127)	287 (130.2)	CS-22	3,672 (1,665)

Model	Connections		Receiver[A]			Unit ID	Weight lb (kg)
Low Temp.	Liquid	Suction	Size	R-454A lb (kg)	R-454C lb (kg)		
CS*-0150-L( )[ ]	7/8"	2 1/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CS-11	1,739 (789)
CS*-0151-L( )[ ]	7/8"	2 1/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CS-12	2,104 (954)
CS*-0153-L( )[ ]	7/8"	2 1/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CS-11	1,739 (789)
CS*-0220-L( )[ ]	7/8"	2 1/8"	8 5/8" x 48" (219 mm x 1.22 m)	90 (40.8)	92 (41.7)	CS-12	2,060 (934)
CS*-0221-L( )[ ]	7/8"	2 1/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CS-12	2,157 (978)
CS*-0222-L( )[ ]	7/8"	2 1/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CS-12	2,216 (1,005)
CS*-0223-L( )[ ]	7/8"	2 1/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CS-12	2,216 (1,005)
CS*-0270-L( )[ ]	1 1/8"	2 5/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CS-12	2,226 (1,010)
CS*-0271-L( )[ ]	1 1/8"	2 5/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CS-13	2,719 (1,233)
CS*-0272-L( )[ ]	1 1/8"	2 5/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CS-12	2,285 (1,036)
CS*-0273-L( )[ ]	1 1/8"	2 5/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CS-12	2,285 (1,036)
CS*-0300-L( )[ ]	1 1/8"	2 5/8"	8 5/8" x 60" (219 mm x 1.52 m)	113 (51.3)	115 (52.2)	CS-12	2,340 (1,061)
CS*-0301-L( )[ ]	1 1/8"	2 5/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CS-13	2,897 (1,314)
CS*-0302-L( )[ ]	1 1/8"	2 5/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CS-12	2,399 (1,088)
CS*-0303-L( )[ ]	1 1/8"	2 5/8"	10 3/4" x 48" (273 mm x 1.22 m)	140 (63.5)	143 (64.9)	CS-12	2,399 (1,088)

* Compressor type ( ) Refrigerant type [ ] Voltage

[A] Receiver capacity data is listed at 90% full and 90° F (32.2° C).

CS Medium Temperature Bitzer Ecoline (Motor 2) with R-454A Electrical, Capacity, and Configuration Data

CS Medium Temperature Bitzer Ecoline (Motor 2) with R-454A AWEF and Electrical Data

Model	Compressor	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CSB-0100-MD[ ]	4TES-9	11310	7.6	28.2	5.4	43.7	70	14.1	2.5	21.6	35
CSB-0101-MD[ ]	4TES-9	12210	7.6	28.2	10.8	49.1	70	14.1	5	24.1	35
CSB-0102-MD[ ]	4TES-9	11410	7.6	28.2	5.4	43.7	70	14.1	2.5	21.6	35
CSB-0150-MD[ ]	4NES-14	12210	7.6	39.7	10.8	63.4	100	19.9	5	31.4	50
CSB-0151-MD[ ]	4NES-14	12310	7.6	39.7	10.8	63.4	100	19.9	5	31.4	50
CSB-0152-MD[ ]	4NES-14	12410	7.6	39.7	10.8	63.4	100	19.9	5	31.4	50
CSB-0200-MD[ ]	4JE-15	12210	7.6	50	10.8	76.3	125	25	5	37.8	60
CSB-0201-MD[ ]	4JE-15	12310	7.6	50	10.8	76.3	125	25	5	37.8	60
CSB-0202-MD[ ]	4JE-15	12410	7.6	50	10.8	76.3	125	25	5	37.8	60
CSB-0250-MD[ ]	4HE-18	12410	7.6	54.1	10.8	81.4	125	27.1	5	40.4	60
CSB-0251-MD[ ]	4HE-18	13310	7.6	54.1	16.2	86.8	125	27.1	7.5	42.9	60
CSB-0252-MD[ ]	4HE-18	12410	7.6	54.1	10.8	81.4	125	27.1	5	40.4	60
CSB-0300-MD[ ]	4GE-23	12312	7.6	57.7	10.8	85.9	125	28.8	5	42.5	70
CSB-0301-MD[ ]	4GE-23	13310	7.6	57.7	16.2	91.3	125	28.8	7.5	45	70
CSB-0302-MD[ ]	4GE-23	12410	7.6	57.7	10.8	85.9	125	28.8	5	42.5	70
CSB-0350-MD[ ]	6HE-28	13310	7.6	77.6	16.2	116.2	175	38.8	7.5	57.5	90
CSB-0351-MD[ ]	6HE-28	22310	7.6	77.6	21.6	121.6	175	38.8	10	60	90
CSB-0352-MD[ ]	6HE-28	13410	7.6	77.6	16.2	116.2	175	38.8	7.5	57.5	90
CSB-0400-MD[ ]	6GE-34	13310	7.6	84.6	16.2	125	200	42.3	7.5	61.9	100
CSB-0401-MD[ ]	6GE-34	22410	7.6	84.6	21.6	130.4	200	42.3	10	64.4	100

[ ] Voltage

[C] Listed as 208 VAC value.

C-Series A2L

Specifications

CS Medium Temperature Bitzer Ecoline (Motor 2) with R-454A Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CSB-0100-MD[ ]	67.4 (19.8)	75.6 (22.2)	84.5 (24.8)	94 (27.5)	104.3 (30.6)	115.2 (33.8)	127 (37.2)
CSB-0101-MD[ ]	70.3 (20.6)	79.1 (23.2)	88.7 (26)	99.1 (29)	110.4 (32.4)	122.6 (35.9)	135.8 (39.8)
CSB-0102-MD[ ]	69.1 (20.3)	77.6 (22.7)	86.9 (25.5)	97 (28.4)	107.8 (31.6)	119.5 (35)	132.1 (38.7)
CSB-0150-MD[ ]	91.1 (26.7)	102.3 (30)	114.5 (33.6)	127.6 (37.4)	141.8 (41.6)	157 (46)	173.2 (50.8)
CSB-0151-MD[ ]	94.7 (27.8)	106.9 (31.3)	120 (35.2)	134.3 (39.4)	149.8 (43.9)	166.6 (48.8)	184.7 (54.1)
CSB-0152-MD[ ]	96.3 (28.2)	108.8 (31.9)	122.4 (35.9)	137.2 (40.2)	153.3 (44.9)	170.8 (50.1)	189.8 (55.6)
CSB-0200-MD[ ]	105.9 (31)	118.3 (34.7)	131.6 (38.6)	145.9 (42.8)	161.2 (47.2)	177.5 (52)	194.7 (57.1)
CSB-0201-MD[ ]	110.3 (32.3)	123.7 (36.3)	138.2 (40.5)	153.8 (45.1)	170.6 (50)	188.7 (55.3)	208 (61)
CSB-0202-MD[ ]	112.3 (32.9)	126.1 (37)	141 (41.3)	157.2 (46.1)	174.7 (51.2)	193.6 (56.7)	213.8 (62.7)
CSB-0250-MD[ ]	130.3 (38.2)	145.9 (42.8)	162.9 (47.7)	181.2 (53.1)	201 (58.9)	222.3 (65.2)	245.1 (71.8)
CSB-0251-MD[ ]	132.8 (38.9)	149 (43.7)	166.6 (48.8)	185.7 (54.4)	206.4 (60.5)	228.7 (67)	252.8 (74.1)
CSB-0252-MD[ ]	130.3 (38.2)	145.9 (42.8)	162.9 (47.7)	181.2 (53.1)	201 (58.9)	222.3 (65.2)	245.1 (71.8)
CSB-0300-MD[ ]	139.4 (40.9)	156.4 (45.8)	174.9 (51.3)	194.8 (57.1)	216.3 (63.4)	239.3 (70.1)	264 (77.4)
CSB-0301-MD[ ]	144.1 (42.2)	162.2 (47.5)	181.9 (53.3)	203.2 (59.6)	226.3 (66.3)	251.2 (73.6)	278 (81.5)
CSB-0302-MD[ ]	140.8 (41.3)	158.2 (46.4)	176.9 (51.8)	197.3 (57.8)	219.2 (64.2)	242.8 (71.2)	268 (78.5)
CSB-0350-MD[ ]	188 (55.1)	210.7 (61.8)	235.2 (68.9)	261.5 (76.6)	289.8 (84.9)	320.1 (93.8)	352.5 (103.3)
CSB-0351-MD[ ]	193.7 (56.8)	217.7 (63.8)	243.6 (71.4)	271.7 (79.6)	302 (88.5)	334.7 (98.1)	369.7 (108.4)
CSB-0352-MD[ ]	191.9 (56.2)	215.5 (63.2)	240.9 (70.6)	268.5 (78.7)	298.1 (87.4)	330.1 (96.7)	364.3 (106.8)
CSB-0400-MD[ ]	211.5 (62)	235.9 (69.1)	262.2 (76.8)	290.5 (85.1)	321 (94.1)	353.6 (103.6)	388.3 (113.8)
CSB-0401-MD[ ]	222.5 (65.2)	249.4 (73.1)	278.6 (81.7)	310.4 (91)	344.8 (101.1)	382 (112)	422.2 (123.7)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

CS Medium Temperature Bitzer Ecoline (Motor 2) with R-454A Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CSB-0100-MD[ ]	60.7 (17.8)	68.2 (20)	76.2 (22.3)	84.9 (24.9)	94.3 (27.6)	104.3 (30.6)	115.1 (33.7)
CSB-0101-MD[ ]	63.3 (18.6)	71.3 (20.9)	80.1 (23.5)	89.6 (26.3)	100 (29.3)	111.2 (32.6)	123.3 (36.1)
CSB-0102-MD[ ]	62.2 (18.2)	70 (20.5)	78.5 (23)	87.6 (25.7)	97.6 (28.6)	108.3 (31.7)	119.8 (35.1)
CSB-0150-MD[ ]	81.8 (24)	92 (27)	103.1 (30.2)	115.1 (33.7)	128 (37.5)	142 (41.6)	156.9 (46)
CSB-0151-MD[ ]	85.1 (24.9)	96.2 (28.2)	108.2 (31.7)	121.3 (35.6)	135.5 (39.7)	150.9 (44.2)	167.6 (49.1)
CSB-0152-MD[ ]	86.6 (25.4)	98 (28.7)	110.4 (32.4)	124 (36.3)	138.7 (40.7)	154.8 (45.4)	172.3 (50.5)
CSB-0200-MD[ ]	96 (28.1)	107.4 (31.5)	119.7 (35.1)	132.8 (38.9)	146.8 (43)	161.8 (47.4)	177.7 (52.1)
CSB-0201-MD[ ]	100.3 (29.4)	112.6 (33)	125.9 (36.9)	140.3 (41.1)	155.8 (45.7)	172.5 (50.6)	190.4 (55.8)
CSB-0202-MD[ ]	102.1 (29.9)	114.8 (33.6)	128.6 (37.7)	143.5 (42.1)	159.7 (46.8)	177.1 (51.9)	195.9 (57.4)
CSB-0250-MD[ ]	118.3 (34.7)	132.6 (38.9)	148.2 (43.4)	165 (48.4)	183.3 (53.7)	202.9 (59.5)	224.1 (65.7)
CSB-0251-MD[ ]	120.7 (35.4)	135.5 (39.7)	151.7 (44.5)	169.3 (49.6)	188.4 (55.2)	209.1 (61.3)	231.4 (67.8)
CSB-0252-MD[ ]	118.3 (34.7)	132.6 (38.9)	148.2 (43.4)	165 (48.4)	183.3 (53.7)	202.9 (59.5)	224.1 (65.7)
CSB-0300-MD[ ]	125.2 (36.7)	140.8 (41.3)	157.7 (46.2)	176 (51.6)	195.8 (57.4)	217 (63.6)	239.8 (70.3)
CSB-0301-MD[ ]	129.6 (38)	146.2 (42.8)	164.2 (48.1)	183.8 (53.9)	205.1 (60.1)	228.2 (66.9)	253.1 (74.2)
CSB-0302-MD[ ]	126.5 (37.1)	142.4 (41.7)	159.6 (46.8)	178.3 (52.3)	198.5 (58.2)	220.3 (64.6)	243.7 (71.4)
CSB-0350-MD[ ]	170.4 (49.9)	191.1 (56)	213.5 (62.6)	237.7 (69.7)	263.7 (77.3)	291.7 (85.5)	321.6 (94.3)
CSB-0351-MD[ ]	175.7 (51.5)	197.7 (57.9)	221.5 (64.9)	247.4 (72.5)	275.3 (80.7)	305.5 (89.5)	338 (99.1)
CSB-0352-MD[ ]	174 (51)	195.6 (57.3)	219 (64.2)	244.3 (71.6)	271.7 (79.6)	301.1 (88.2)	332.8 (97.5)
CSB-0400-MD[ ]	192 (56.3)	214.2 (62.8)	238.2 (69.8)	264.1 (77.4)	292 (85.6)	321.9 (94.3)	353.9 (103.7)
CSB-0401-MD[ ]	202.3 (59.3)	226.9 (66.5)	253.6 (74.3)	282.8 (82.9)	314.4 (92.1)	348.8 (102.2)	385.8 (113.1)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CS Medium Temperature Bitzer Ecoline (Motor 2) with R-454C Electrical, Capacity, and Configuration Data

CS Medium Temperature Bitzer Ecoline (Motor 2) with R-454C AWEF and Electrical Data

Model	Compressor	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CSB-0100-MK[ ]	4TES-9	11310	7.6	28.2	5.4	43.7	70	14.1	2.5	21.6	35
CSB-0101-MK[ ]	4TES-9	12210	7.6	28.2	10.8	49.1	70	14.1	5	24.1	35
CSB-0102-MK[ ]	4TES-9	11410	7.6	28.2	5.4	43.7	70	14.1	2.5	21.6	35
CSB-0150-MK[ ]	4NES-14	12210	7.6	39.7	10.8	63.4	100	19.9	5	31.4	50
CSB-0151-MK[ ]	4NES-14	12310	7.6	39.7	10.8	63.4	100	19.9	5	31.4	50
CSB-0152-MK[ ]	4NES-14	12410	7.6	39.7	10.8	63.4	100	19.9	5	31.4	50
CSB-0200-MK[ ]	4JE-15	12210	7.6	50	10.8	76.3	125	25	5	37.8	60
CSB-0201-MK[ ]	4JE-15	12310	7.6	50	10.8	76.3	125	25	5	37.8	60
CSB-0202-MK[ ]	4JE-15	12410	7.6	50	10.8	76.3	125	25	5	37.8	60
CSB-0250-MK[ ]	4HE-18	12410	7.6	54.1	10.8	81.4	125	27.1	5	40.4	60
CSB-0251-MK[ ]	4HE-18	13310	7.6	54.1	16.2	86.8	125	27.1	7.5	42.9	60
CSB-0252-MK[ ]	4HE-18	12410	7.6	54.1	10.8	81.4	125	27.1	5	40.4	60
CSB-0300-MK[ ]	4GE-23	12312	7.6	57.7	10.8	85.9	125	28.8	5	42.5	70
CSB-0301-MK[ ]	4GE-23	13310	7.6	57.7	16.2	91.3	125	28.8	7.5	45	70
CSB-0302-MK[ ]	4GE-23	12410	7.6	57.7	10.8	85.9	125	28.8	5	42.5	70
CSB-0350-MK[ ]	6HE-28	13310	7.6	77.6	16.2	116.2	175	38.8	7.5	57.5	90
CSB-0351-MK[ ]	6HE-28	22310	7.6	77.6	21.6	121.6	175	38.8	10	60	90
CSB-0352-MK[ ]	6HE-28	13410	7.6	77.6	16.2	116.2	175	38.8	7.5	57.5	90
CSB-0400-MK[ ]	6GE-34	13310	7.6	84.6	16.2	125	200	42.3	7.5	61.9	100
CSB-0401-MK[ ]	6GE-34	22410	7.6	84.6	21.6	130.4	200	42.3	10	64.4	100

[ ] Voltage

[C] Listed as 208 VAC value.

CS Medium Temperature Bitzer Ecoline (Motor 2) with R-454C Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CSB-0100-MK[ ]	50.2 (14.7)	57.6 (16.9)	65.7 (19.3)	74.6 (21.9)	84.4 (24.7)	95 (27.8)	106.5 (31.2)
CSB-0101-MK[ ]	52 (15.2)	59.8 (17.5)	68.4 (20)	78 (22.9)	88.4 (25.9)	99.8 (29.2)	112.3 (32.9)
CSB-0102-MK[ ]	51.2 (15)	58.9 (17.3)	67.3 (19.7)	76.6 (22.5)	86.7 (25.4)	97.8 (28.7)	109.8 (32.2)
CSB-0150-MK[ ]	68.7 (20.1)	78.8 (23.1)	90 (26.4)	102.3 (30)	115.8 (33.9)	130.4 (38.2)	146.3 (42.9)
CSB-0151-MK[ ]	71 (20.8)	81.7 (23.9)	93.6 (27.4)	106.7 (31.3)	121.1 (35.5)	136.8 (40.1)	153.9 (45.1)
CSB-0152-MK[ ]	72 (21.1)	83 (24.3)	95.1 (27.9)	108.6 (31.8)	123.4 (36.2)	139.6 (40.9)	157.3 (46.1)
CSB-0200-MK[ ]	78.9 (23.1)	90 (26.4)	102.2 (30)	115.6 (33.9)	130.1 (38.1)	145.9 (42.8)	163 (47.8)
CSB-0201-MK[ ]	81.8 (24)	93.6 (27.4)	106.6 (31.2)	120.9 (35.4)	136.6 (40)	153.6 (45)	172.1 (50.4)
CSB-0202-MK[ ]	83 (24.3)	95.1 (27.9)	108.5 (31.8)	123.2 (36.1)	139.4 (40.9)	157 (46)	176.1 (51.6)
CSB-0250-MK[ ]	96.3 (28.2)	110 (32.2)	125.2 (36.7)	141.8 (41.6)	160 (46.9)	179.8 (52.7)	201.3 (59)
CSB-0251-MK[ ]	97.9 (28.7)	112 (32.8)	127.6 (37.4)	144.8 (42.4)	163.6 (47.9)	184.1 (54)	206.5 (60.5)
CSB-0252-MK[ ]	96.3 (28.2)	110 (32.2)	125.2 (36.7)	141.8 (41.6)	160 (46.9)	179.8 (52.7)	201.3 (59)
CSB-0300-MK[ ]	109.5 (32.1)	124.7 (36.5)	141.4 (41.4)	159.6 (46.8)	179.5 (52.6)	201.1 (58.9)	224.5 (65.8)
CSB-0301-MK[ ]	112.5 (33)	128.4 (37.6)	145.9 (42.8)	165.2 (48.4)	186.2 (54.6)	209.2 (61.3)	234.1 (68.6)
CSB-0302-MK[ ]	110.4 (32.4)	125.8 (36.9)	142.7 (41.8)	161.2 (47.2)	181.5 (53.2)	203.5 (59.6)	227.3 (66.6)
CSB-0350-MK[ ]	139.3 (40.8)	158.9 (46.6)	180.6 (52.9)	204.3 (59.9)	230.2 (67.5)	258.3 (75.7)	288.9 (84.7)
CSB-0351-MK[ ]	142.9 (41.9)	163.3 (47.9)	185.9 (54.5)	210.8 (61.8)	238 (69.8)	267.7 (78.5)	300 (87.9)
CSB-0352-MK[ ]	141.7 (41.5)	161.9 (47.5)	184.2 (54)	208.7 (61.2)	235.5 (69)	264.7 (77.6)	296.5 (86.9)
CSB-0400-MK[ ]	160.8 (47.1)	182.5 (53.5)	206.3 (60.5)	232.3 (68.1)	260.6 (76.4)	291.3 (85.4)	324.5 (95.1)
CSB-0401-MK[ ]	168 (49.2)	191.4 (56.1)	217.1 (63.6)	245.5 (72)	276.5 (81)	310.3 (90.9)	347.1 (101.7)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CS Medium Temperature Bitzer Ecoline (Motor 2) with R-454C Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]						
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)
CSB-0100-MK[ ]	44.7 (13.1)	51.5 (15.1)	59 (17.3)	67.3 (19.7)	76.4 (22.4)	86.3 (25.3)	97.1 (28.5)
CSB-0101-MK[ ]	46.3 (13.6)	53.5 (15.7)	61.5 (18)	70.3 (20.6)	80.1 (23.5)	90.8 (26.6)	102.4 (30)
CSB-0102-MK[ ]	45.6 (13.4)	52.6 (15.4)	60.4 (17.7)	69 (20.2)	78.5 (23)	88.9 (26.1)	100.2 (29.4)
CSB-0150-MK[ ]	61 (17.9)	70.3 (20.6)	80.6 (23.6)	92 (27)	104.6 (30.7)	118.2 (34.6)	133.1 (39)
CSB-0151-MK[ ]	63.1 (18.5)	73 (21.4)	84 (24.6)	96.1 (28.2)	109.5 (32.1)	124.2 (36.4)	140.3 (41.1)
CSB-0152-MK[ ]	64.1 (18.8)	74.2 (21.7)	85.4 (25)	97.9 (28.7)	111.7 (32.7)	126.9 (37.2)	143.4 (42)
CSB-0200-MK[ ]	70.5 (20.7)	80.8 (23.7)	92.1 (27)	104.6 (30.7)	118.2 (34.6)	133.1 (39)	149.2 (43.7)
CSB-0201-MK[ ]	73.2 (21.5)	84.1 (24.6)	96.2 (28.2)	109.6 (32.1)	124.2 (36.4)	140.2 (41.1)	157.7 (46.2)
CSB-0202-MK[ ]	74.4 (21.8)	85.6 (25.1)	98 (28.7)	111.7 (32.7)	126.8 (37.2)	143.4 (42)	161.4 (47.3)
CSB-0250-MK[ ]	86.3 (25.3)	99 (29)	113 (33.1)	128.5 (37.7)	145.5 (42.6)	164.1 (48.1)	184.4 (54)
CSB-0251-MK[ ]	87.8 (25.7)	100.9 (29.6)	115.3 (33.8)	131.3 (38.5)	148.9 (43.6)	168.2 (49.3)	189.2 (55.5)
CSB-0252-MK[ ]	86.3 (25.3)	99 (29)	113 (33.1)	128.5 (37.7)	145.5 (42.6)	164.1 (48.1)	184.4 (54)
CSB-0300-MK[ ]	98.2 (28.8)	112.2 (32.9)	127.6 (37.4)	144.5 (42.4)	163.1 (47.8)	183.3 (53.7)	205.3 (60.2)
CSB-0301-MK[ ]	101 (29.6)	115.7 (33.9)	131.9 (38.7)	149.8 (43.9)	169.4 (49.6)	190.9 (55.9)	214.3 (62.8)
CSB-0302-MK[ ]	99 (29)	113.2 (33.2)	128.9 (37.8)	146.1 (42.8)	164.9 (48.3)	185.5 (54.4)	207.9 (60.9)
CSB-0350-MK[ ]	124.9 (36.6)	143.1 (41.9)	163.1 (47.8)	185.2 (54.3)	209.5 (61.4)	235.9 (69.1)	264.7 (77.6)
CSB-0351-MK[ ]	128.2 (37.6)	147.1 (43.1)	168.1 (49.3)	191.3 (56.1)	216.8 (63.5)	244.7 (71.7)	275.1 (80.6)
CSB-0352-MK[ ]	127.2 (37.3)	145.9 (42.8)	166.6 (48.8)	189.4 (55.5)	214.5 (62.9)	241.9 (70.9)	271.8 (79.7)
CSB-0400-MK[ ]	144.5 (42.4)	164.5 (48.2)	186.5 (54.7)	210.6 (61.7)	237 (69.5)	265.7 (77.9)	296.7 (87)
CSB-0401-MK[ ]	151.3 (44.3)	172.8 (50.6)	196.7 (57.6)	223 (65.4)	251.9 (73.8)	283.6 (83.1)	318.1 (93.2)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

CS Low Temperature Bitzer Ecoline (Motor 2) with R-454A Electrical, Capacity, and Configuration Data

CS Low Temperature Bitzer Ecoline (Motor 2) with R-454A AWEF and Electrical Data

Model	Compressor	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CSB-0150-LD[ ]	4HE-18	11410	3.15	54.1	5.4	76	125	27.1	2.5	37.9	60
CSB-0151-LD[ ]	4HE-18	12210	3.15	54.1	10.8	81.4	125	27.1	5	40.4	60
CSB-0153-LD[ ]	4HE-18	11410[F]	3.15	54.1	3.4	74	125	27.1	1.6	37	60
CSB-0220-LD[ ]	4GE-23	12210	3.15	57.7	10.8	85.9	125	28.8	5	42.5	70
CSB-0221-LD[ ]	4GE-23	12310	3.15	57.7	10.8	85.9	125	28.8	5	42.5	70
CSB-0222-LD[ ]	4GE-23	12410	3.15	57.7	10.8	85.9	125	28.8	5	42.5	70
CSB-0223-LD[ ]	4GE-23	12410[F]	3.15	57.7	6.8	81.9	125	28.8	3.2	40.7	60
CSB-0270-LD[ ]	6HE-28	12310	3.15	77.6	10.8	110.8	175	38.8	5	55	90
CSB-0271-LD[ ]	6HE-28	13210	3.15	77.6	16.2	116.2	175	38.8	7.5	57.5	90
CSB-0272-LD[ ]	6HE-28	12410	3.15	77.6	10.8	110.8	175	38.8	5	55	90
CSB-0273-LD[ ]	6HE-28	12410[F]	3.15	77.6	6.8	106.8	175	38.8	3.2	53.2	90
CSB-0300-LD[ ]	6GE-34	12310	3.15	84.6	10.8	119.6	200	42.3	5	59.4	100
CSB-0301-LD[ ]	6GE-34	13310	3.15	84.6	16.2	125	200	42.3	7.5	61.9	100
CSB-0302-LD[ ]	6GE-34	12410	3.15	84.6	10.8	119.6	200	42.3	5	59.4	100
CSB-0303-LD[ ]	6GE-34	12410[F]	3.15	84.6	6.8	115.6	200	42.3	3.2	57.6	90

[ ] Voltage

[C] Listed as 208 VAC value.

[F] Uses 'E' motor condenser instead of standard 'F' motor

C-Series A2L

Specifications

CS Low Temperature Bitzer Ecoline (Motor 2) with R-454A Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CSB-0150-LD[ ]	38.8 (11.4)	47 (13.8)	55.5 (16.3)	64.4 (18.9)	73.9 (21.7)	83.9 (24.6)	94.5 (27.7)	105.9 (31)	118.1 (34.6)
CSB-0151-LD[ ]	39.4 (11.5)	47.8 (14)	56.5 (16.6)	65.6 (19.2)	75.3 (22.1)	85.7 (25.1)	96.8 (28.4)	108.7 (31.9)	121.5 (35.6)
CSB-0153-LD[ ]	37.3 (10.9)	45.1 (13.2)	53.1 (15.6)	61.4 (18)	70 (20.5)	79.1 (23.2)	88.7 (26)	98.8 (29)	109.4 (32.1)
CSB-0220-LD[ ]	40.8 (12)	49.6 (14.5)	58.9 (17.3)	68.8 (20.2)	79.3 (23.2)	90.5 (26.5)	102.6 (30.1)	115.5 (33.9)	129.4 (37.9)
CSB-0221-LD[ ]	42 (12.3)	51.3 (15)	61 (17.9)	71.5 (21)	82.7 (24.2)	94.7 (27.8)	107.8 (31.6)	122 (35.8)	137.3 (40.2)
CSB-0222-LD[ ]	42.5 (12.5)	52 (15.2)	61.9 (18.1)	72.6 (21.3)	84.1 (24.6)	96.6 (28.3)	110.1 (32.3)	124.8 (36.6)	140.8 (41.3)
CSB-0223-LD[ ]	41.5 (12.2)	50.6 (14.8)	60.2 (17.6)	70.5 (20.7)	81.4 (23.9)	93.1 (27.3)	105.8 (31)	119.5 (35)	134.3 (39.4)
CSB-0270-LD[ ]	56.1 (16.4)	68.2 (20)	81 (23.7)	94.4 (27.7)	108.8 (31.9)	124.2 (36.4)	140.6 (41.2)	158.3 (46.4)	177.3 (52)
CSB-0271-LD[ ]	56.4 (16.5)	68.6 (20.1)	81.4 (23.9)	95.1 (27.9)	109.6 (32.1)	125.1 (36.7)	141.8 (41.6)	159.8 (46.8)	179.1 (52.5)
CSB-0272-LD[ ]	57 (16.7)	69.4 (20.3)	82.4 (24.2)	96.3 (28.2)	111.1 (32.6)	127.1 (37.3)	144.3 (42.3)	162.8 (47.7)	182.7 (53.5)
CSB-0273-LD[ ]	55.3 (16.2)	67.2 (19.7)	79.7 (23.4)	92.8 (27.2)	106.8 (31.3)	121.6 (35.6)	137.5 (40.3)	154.4 (45.3)	172.5 (50.6)
CSB-0300-LD[ ]	66.6 (19.5)	80.3 (23.5)	94.5 (27.7)	109.3 (32)	124.9 (36.6)	141.5 (41.5)	159.1 (46.6)	177.9 (52.1)	198 (58)
CSB-0301-LD[ ]	68.8 (20.2)	83.2 (24.4)	98.1 (28.8)	113.9 (33.4)	130.7 (38.3)	148.7 (43.6)	168 (49.2)	188.9 (55.4)	211.5 (62)
CSB-0302-LD[ ]	67.7 (19.8)	81.8 (24)	96.4 (28.3)	111.7 (32.7)	127.9 (37.5)	145.1 (42.5)	163.6 (47.9)	183.5 (53.8)	204.8 (60)
CSB-0303-LD[ ]	65.6 (19.2)	79.1 (23.2)	92.9 (27.2)	107.3 (31.4)	122.4 (35.9)	138.3 (40.5)	155.2 (45.5)	173.1 (50.7)	192.1 (56.3)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

CS Low Temperature Bitzer Ecoline (Motor 2) with R-454A Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CSB-0150-LD[ ]	34 (10)	41.7 (12.2)	49.6 (14.5)	57.9 (17)	66.5 (19.5)	75.7 (22.2)	85.4 (25)	95.7 (28)	106.8 (31.3)
CSB-0151-LD[ ]	34.5 (10.1)	42.4 (12.4)	50.5 (14.8)	59 (17.3)	67.9 (19.9)	77.4 (22.7)	87.5 (25.6)	98.4 (28.8)	110 (32.2)
CSB-0153-LD[ ]	32.7 (9.6)	40 (11.7)	47.5 (13.9)	55.1 (16.1)	63 (18.5)	71.3 (20.9)	80 (23.4)	89.1 (26.1)	98.7 (28.9)
CSB-0220-LD[ ]	35.4 (10.4)	43.6 (12.8)	52.1 (15.3)	61.1 (17.9)	70.6 (20.7)	80.8 (23.7)	91.7 (26.9)	103.5 (30.3)	116.1 (34)
CSB-0221-LD[ ]	36.4 (10.7)	44.9 (13.2)	53.9 (15.8)	63.4 (18.6)	73.6 (21.6)	84.6 (24.8)	96.5 (28.3)	109.3 (32)	123.3 (36.1)
CSB-0222-LD[ ]	36.8 (10.8)	45.5 (13.3)	54.7 (16)	64.4 (18.9)	74.9 (22)	86.2 (25.3)	98.6 (28.9)	111.9 (32.8)	126.5 (37.1)
CSB-0223-LD[ ]	36 (10.6)	44.4 (13)	53.2 (15.6)	62.5 (18.3)	72.5 (21.2)	83.2 (24.4)	94.7 (27.8)	107.1 (31.4)	120.6 (35.3)
CSB-0270-LD[ ]	48.9 (14.3)	60.3 (17.7)	72.1 (21.1)	84.6 (24.8)	97.8 (28.7)	111.8 (32.8)	126.9 (37.2)	143 (41.9)	160.2 (47)
CSB-0271-LD[ ]	49.1 (14.4)	60.6 (17.8)	72.5 (21.2)	85.1 (24.9)	98.5 (28.9)	112.7 (33)	128 (37.5)	144.4 (42.3)	161.9 (47.5)
CSB-0272-LD[ ]	49.6 (14.5)	61.3 (18)	73.4 (21.5)	86.2 (25.3)	99.9 (29.3)	114.5 (33.6)	130.2 (38.2)	147.1 (43.1)	165.4 (48.5)
CSB-0273-LD[ ]	48.2 (14.1)	59.4 (17.4)	71 (20.8)	83.1 (24.4)	95.9 (28.1)	109.5 (32.1)	124 (36.3)	139.4 (40.9)	155.8 (45.7)
CSB-0300-LD[ ]	58.8 (17.2)	71.8 (21)	85.1 (24.9)	98.8 (29)	113.1 (33.1)	128.2 (37.6)	144.2 (42.3)	161.3 (47.3)	179.5 (52.6)
CSB-0301-LD[ ]	60.7 (17.8)	74.3 (21.8)	88.3 (25.9)	102.9 (30.2)	118.3 (34.7)	134.8 (39.5)	152.4 (44.7)	171.5 (50.3)	192 (56.3)
CSB-0302-LD[ ]	59.8 (17.5)	73.1 (21.4)	86.7 (25.4)	100.9 (29.6)	115.8 (33.9)	131.5 (38.5)	148.4 (43.5)	166.4 (48.8)	185.8 (54.5)
CSB-0303-LD[ ]	57.9 (17)	70.7 (20.7)	83.7 (24.5)	97 (28.4)	110.8 (32.5)	125.3 (36.7)	140.7 (41.2)	156.9 (46)	174.1 (51)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CS Low Temperature Bitzer Ecoline (Motor 2) with R-454C Electrical, Capacity, and Configuration Data

CS Low Temperature Bitzer Ecoline (Motor 2) with R-454C AWEF and Electrical Data

Model	Compressor	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CSB-0150-LK[ ]	4HE-18	11410	3.15	54.1	5.4	76	125	27.1	2.5	37.9	60
CSB-0151-LK[ ]	4HE-18	12210	N/A	54.1	10.8	81.4	125	27.1	5	40.4	60
CSB-0153-LK[ ]	4HE-18	11410[F]	3.15	54.1	3.4	74	125	27.1	1.6	37	60
CSB-0220-LK[ ]	4GE-23	12210	N/A	57.7	10.8	85.9	125	28.8	5	42.5	70
CSB-0221-LK[ ]	4GE-23	12310	N/A	57.7	10.8	85.9	125	28.8	5	42.5	70
CSB-0222-LK[ ]	4GE-23	12410	N/A	57.7	10.8	85.9	125	28.8	5	42.5	70
CSB-0223-LK[ ]	4GE-23	12410[F]	3.15	57.7	6.8	81.9	125	28.8	3.2	40.7	60
CSB-0270-LK[ ]	6HE-28	12310	3.15	77.6	10.8	110.8	175	38.8	5	55	90
CSB-0271-LK[ ]	6HE-28	13210	N/A	77.6	16.2	116.2	175	38.8	7.5	57.5	90
CSB-0272-LK[ ]	6HE-28	12410	3.15	77.6	10.8	110.8	175	38.8	5	55	90
CSB-0273-LK[ ]	6HE-28	12410[F]	3.15	77.6	6.8	106.8	175	38.8	3.2	53.2	90
CSB-0300-LK[ ]	6GE-34	12310	N/A	84.6	10.8	119.6	200	42.3	5	59.4	100
CSB-0301-LK[ ]	6GE-34	13310	N/A	84.6	16.2	125	200	42.3	7.5	61.9	100
CSB-0302-LK[ ]	6GE-34	12410	N/A	84.6	10.8	119.6	200	42.3	5	59.4	100
CSB-0303-LK[ ]	6GE-34	12410[F]	3.15	84.6	6.8	115.6	200	42.3	3.2	57.6	90

[ ] Voltage

[C] Listed as 208 VAC value.

[F] Uses 'E' motor condenser instead of standard 'F' motor

CS Low Temperature Bitzer Ecoline (Motor 2) with R-454C Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CSB-0150-LK[ ]	24.6 (7.2)	30.2 (8.9)	36.3 (10.6)	43.1 (12.6)	50.5 (14.8)	58.6 (17.2)	67.6 (19.8)	77.5 (22.7)	88.4 (25.9)
CSB-0151-LK[ ]	24.8 (7.3)	30.6 (9)	36.9 (10.8)	43.7 (12.8)	51.3 (15)	59.8 (17.5)	69.1 (20.3)	79.3 (23.2)	90.7 (26.6)
CSB-0153-LK[ ]	23.8 (7)	29.2 (8.6)	35 (10.3)	41.3 (12.1)	48.2 (14.1)	55.7 (16.3)	64 (18.8)	73 (21.4)	82.8 (24.3)
CSB-0220-LK[ ]	29.5 (8.6)	36 (10.6)	43.1 (12.6)	50.9 (14.9)	59.4 (17.4)	68.8 (20.2)	79.1 (23.2)	90.5 (26.5)	103 (30.2)
CSB-0221-LK[ ]	30.1 (8.8)	36.9 (10.8)	44.3 (13)	52.4 (15.4)	61.4 (18)	71.4 (20.9)	82.4 (24.2)	94.6 (27.7)	108.1 (31.7)
CSB-0222-LK[ ]	30.4 (8.9)	37.3 (10.9)	44.8 (13.1)	53.1 (15.6)	62.3 (18.3)	72.5 (21.2)	83.9 (24.6)	96.4 (28.3)	110.4 (32.4)
CSB-0223-LK[ ]	29.9 (8.8)	36.6 (10.7)	43.9 (12.9)	51.8 (15.2)	60.7 (17.8)	70.4 (20.6)	81.2 (23.8)	93.1 (27.3)	106.2 (31.1)
CSB-0270-LK[ ]	36.6 (10.7)	45 (13.2)	54.2 (15.9)	64.2 (18.8)	75.3 (22.1)	87.5 (25.6)	101.1 (29.6)	116 (34)	132.5 (38.8)
CSB-0271-LK[ ]	36.8 (10.8)	45.2 (13.2)	54.4 (15.9)	64.6 (18.9)	75.7 (22.2)	88.1 (25.8)	101.8 (29.8)	117 (34.3)	133.7 (39.2)
CSB-0272-LK[ ]	37.1 (10.9)	45.6 (13.4)	55 (16.1)	65.3 (19.1)	76.7 (22.5)	89.3 (26.2)	103.3 (30.3)	118.8 (34.8)	136 (39.9)
CSB-0273-LK[ ]	36.2 (10.6)	44.5 (13)	53.4 (15.7)	63.3 (18.6)	74.1 (21.7)	86 (25.2)	99.1 (29)	113.6 (33.3)	129.5 (38)
CSB-0300-LK[ ]	45 (13.2)	54.7 (16)	65 (19.1)	76.4 (22.4)	88.8 (26)	102.4 (30)	117.3 (34.4)	133.8 (39.2)	151.8 (44.5)
CSB-0301-LK[ ]	46.2 (13.5)	56.3 (16.5)	67.2 (19.7)	79.2 (23.2)	92.4 (27.1)	107 (31.4)	123.2 (36.1)	141.1 (41.4)	160.8 (47.1)
CSB-0302-LK[ ]	45.6 (13.4)	55.5 (16.3)	66.1 (19.4)	77.8 (22.8)	90.6 (26.6)	104.7 (30.7)	120.3 (35.3)	137.5 (40.3)	156.4 (45.8)
CSB-0303-LK[ ]	44.5 (13)	53.9 (15.8)	64.1 (18.8)	75.1 (22)	87.1 (25.5)	100.3 (29.4)	114.8 (33.6)	130.6 (38.3)	147.8 (43.3)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CS Low Temperature Bitzer Ecoline (Motor 2) with R-454C Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CSB-0150-LK[ ]	21 (6.2)	26.1 (7.6)	31.6 (9.3)	37.7 (11)	44.4 (13)	51.8 (15.2)	59.9 (17.6)	69 (20.2)	79 (23.2)
CSB-0151-LK[ ]	21.3 (6.2)	26.5 (7.8)	32.1 (9.4)	38.3 (11.2)	45.2 (13.2)	52.8 (15.5)	61.3 (18)	70.7 (20.7)	81.1 (23.8)
CSB-0153-LK[ ]	20.3 (5.9)	25.2 (7.4)	30.4 (8.9)	36 (10.6)	42.2 (12.4)	49.1 (14.4)	56.6 (16.6)	64.8 (19)	73.8 (21.6)
CSB-0220-LK[ ]	25.6 (7.5)	31.5 (9.2)	37.8 (11.1)	44.8 (13.1)	52.4 (15.4)	60.9 (17.8)	70.3 (20.6)	80.7 (23.7)	92.1 (27)
CSB-0221-LK[ ]	26.2 (7.7)	32.3 (9.5)	38.9 (11.4)	46.2 (13.5)	54.3 (15.9)	63.4 (18.6)	73.4 (21.5)	84.5 (24.8)	96.9 (28.4)
CSB-0222-LK[ ]	26.5 (7.8)	32.7 (9.6)	39.4 (11.5)	46.9 (13.7)	55.2 (16.2)	64.4 (18.9)	74.7 (21.9)	86.2 (25.3)	99 (29)
CSB-0223-LK[ ]	26 (7.6)	32 (9.4)	38.5 (11.3)	45.7 (13.4)	53.6 (15.7)	62.4 (18.3)	72.2 (21.2)	83.1 (24.4)	95.1 (27.9)
CSB-0270-LK[ ]	31.3 (9.2)	38.9 (11.4)	47.1 (13.8)	56.2 (16.5)	66.2 (19.4)	77.4 (22.7)	89.7 (26.3)	103.4 (30.3)	118.6 (34.8)
CSB-0271-LK[ ]	31.5 (9.2)	39.1 (11.5)	47.4 (13.9)	56.5 (16.6)	66.7 (19.5)	77.9 (22.8)	90.4 (26.5)	104.3 (30.6)	119.7 (35.1)
CSB-0272-LK[ ]	31.7 (9.3)	39.5 (11.6)	47.9 (14)	57.2 (16.8)	67.5 (19.8)	79 (23.2)	91.8 (26.9)	106 (31.1)	121.8 (35.7)
CSB-0273-LK[ ]	30.9 (9.1)	38.4 (11.3)	46.5 (13.6)	55.3 (16.2)	65.1 (19.1)	75.9 (22.2)	87.9 (25.8)	101.2 (29.7)	115.8 (33.9)
CSB-0300-LK[ ]	39.2 (11.5)	47.9 (14)	57.3 (16.8)	67.5 (19.8)	78.6 (23)	91 (26.7)	104.5 (30.6)	119.5 (35)	136 (39.9)
CSB-0301-LK[ ]	40.4 (11.8)	49.4 (14.5)	59.3 (17.4)	70.1 (20.5)	82.1 (24.1)	95.3 (27.9)	110 (32.2)	126.4 (37)	144.5 (42.4)
CSB-0302-LK[ ]	39.8 (11.7)	48.7 (14.3)	58.3 (17.1)	68.8 (20.2)	80.4 (23.6)	93.2 (27.3)	107.4 (31.5)	123 (36)	140.3 (41.1)
CSB-0303-LK[ ]	38.7 (11.3)	47.2 (13.8)	56.3 (16.5)	66.3 (19.4)	77.1 (22.6)	89 (26.1)	102.1 (29.9)	116.5 (34.1)	132.3 (38.8)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

CS Medium Temperature Copeland Discus with R-454A Electrical, Capacity, and Configuration Data

CS Medium Temperature Copeland Discus with R-454A AWEF and Electrical Data

Model	Compressor	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CSD-0100-MD[ ]	3YB3R11ME	11310	7.6	39.1	5.4	57.3	90	17.9	2.5	26.4	40
CSD-0101-MD[ ]	3YB3R11ME	12210	7.6	39.1	10.8	62.7	100	17.9	5	28.9	45
CSD-0102-MD[ ]	3YB3R11ME	11410	7.6	39.1	5.4	57.3	90	17.9	2.5	26.4	40
CSD-0150-MD[ ]	3YS3R16ME	12210	7.6	53.5	10.8	80.7	125	26	5	39	60
CSD-0151-MD[ ]	3YS3R16ME	12310	7.6	53.5	10.8	80.7	125	26	5	39	60
CSD-0152-MD[ ]	3YS3R16ME	12410	7.6	53.5	10.8	80.7	125	26	5	39	60
CSD-0200-MD[ ]	4YBNR19ME	12210	7.6	64.7	10.8	94.7	150	32.4	5	47	70
CSD-0201-MD[ ]	4YBNR19ME	12310	7.6	64.7	10.8	94.7	150	32.4	5	47	70
CSD-0202-MD[ ]	4YBNR19ME	12410	7.6	64.7	10.8	94.7	150	32.4	5	47	70
CSD-0250-MD[ ]	4YHNR22ME	12310	7.6	66.8	10.8	97.3	150	33.4	5	48.3	80
CSD-0251-MD[ ]	4YHNR22ME	13310	7.6	66.8	16.2	102.7	150	33.4	7.5	50.8	80
CSD-0252-MD[ ]	4YHNR22ME	12410	7.6	66.8	10.8	97.3	150	33.4	5	48.3	80
CSD-0300-MD[ ]	4YJNR27ME	12312	7.6	94.6	10.8	132.1	225	47.3	5	65.6	110
CSD-0301-MD[ ]	4YJNR27ME	13310	7.6	94.6	16.2	137.5	225	47.3	7.5	68.1	110
CSD-0302-MD[ ]	4YJNR27ME	12410	7.6	94.6	10.8	132.1	225	47.3	5	65.6	110
CSD-0350-MD[ ]	6YHNR32ME	13310	7.6	112.3	16.2	159.6	250	56.2	7.5	79.3	125
CSD-0351-MD[ ]	6YHNR32ME	22310	7.6	112.3	21.6	165	250	56.2	10	81.8	125
CSD-0352-MD[ ]	6YHNR32ME	13410	7.6	112.3	16.2	159.6	250	56.2	7.5	79.3	125
CSD-0400-MD[ ]	6YJNR39ME	13310	7.6	128.2	16.2	179.5	300	64.1	7.5	89.1	150
CSD-0401-MD[ ]	6YJNR39ME	22410	7.6	128.2	21.6	184.9	300	64.1	10	91.6	150

[ ] Voltage

[C] Listed as 208 VAC value.

C-Series A2L

Specifications

CS Medium Temperature Copeland Discus with R-454A Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CSD-0100-MD[ ]	66.2 (19.4)	74 (21.7)	82.4 (24.2)	91.3 (26.8)	100.7 (29.5)	110.8 (32.5)	121.5 (35.6)	132.9 (39)	144.9 (42.5)	157.6 (46.2)
CSD-0101-MD[ ]	68.5 (20.1)	76.9 (22.5)	85.8 (25.1)	95.4 (28)	105.7 (31)	116.8 (34.2)	128.6 (37.7)	141.2 (41.4)	154.6 (45.3)	168.9 (49.5)
CSD-0102-MD[ ]	67.6 (19.8)	75.7 (22.2)	84.4 (24.7)	93.7 (27.5)	103.7 (30.4)	114.3 (33.5)	125.6 (36.8)	137.7 (40.4)	150.5 (44.1)	164.1 (48.1)
CSD-0150-MD[ ]	88.6 (26)	99.1 (29)	110.3 (32.3)	122.2 (35.8)	134.9 (39.5)	148.5 (43.5)	163 (47.8)	178.3 (52.3)	194.6 (57)	211.8 (62.1)
CSD-0151-MD[ ]	91.5 (26.8)	102.6 (30.1)	114.6 (33.6)	127.4 (37.3)	141.2 (41.4)	155.9 (45.7)	171.7 (50.3)	188.6 (55.3)	206.6 (60.6)	225.7 (66.1)
CSD-0152-MD[ ]	92.7 (27.2)	104.1 (30.5)	116.4 (34.1)	129.6 (38)	143.8 (42.1)	159.1 (46.6)	175.4 (51.4)	193 (56.6)	211.7 (62)	231.7 (67.9)
CSD-0200-MD[ ]	106.4 (31.2)	118.7 (34.8)	131.7 (38.6)	145.6 (42.7)	160.3 (47)	175.9 (51.6)	192.4 (56.4)	209.8 (61.5)	228 (66.8)	247.3 (72.5)
CSD-0201-MD[ ]	110.7 (32.4)	124 (36.3)	138.2 (40.5)	153.4 (45)	169.6 (49.7)	186.9 (54.8)	205.4 (60.2)	225.1 (66)	246 (72.1)	268 (78.5)
CSD-0202-MD[ ]	112.6 (33)	126.2 (37)	140.9 (41.3)	156.7 (45.9)	173.5 (50.8)	191.6 (56.2)	211 (61.8)	231.6 (67.9)	253.7 (74.4)	277 (81.2)
CSD-0250-MD[ ]	126.3 (37)	141.1 (41.4)	157 (46)	174 (51)	192 (56.3)	211.3 (61.9)	231.7 (67.9)	253.3 (74.2)	276.2 (80.9)	300.3 (88)
CSD-0251-MD[ ]	131 (38.4)	146.9 (43.1)	164.1 (48.1)	182.5 (53.5)	202.3 (59.3)	223.5 (65.5)	246.1 (72.1)	270.4 (79.2)	296.2 (86.8)	323.6 (94.8)
CSD-0252-MD[ ]	128.7 (37.7)	144.1 (42.2)	160.6 (47.1)	178.3 (52.3)	197.3 (57.8)	217.5 (63.7)	239.1 (70.1)	262.1 (76.8)	286.4 (83.9)	312.2 (91.5)
CSD-0300-MD[ ]	153.7 (45)	171.5 (50.3)	190.5 (55.8)	210.7 (61.8)	232.2 (68.1)	255.1 (74.8)	279.4 (81.9)	305.1 (89.4)	332.4 (97.4)	361.3 (105.9)
CSD-0301-MD[ ]	158.5 (46.5)	177.4 (52)	197.7 (57.9)	219.4 (64.3)	242.7 (71.1)	267.6 (78.4)	294.3 (86.3)	322.7 (94.6)	353.1 (103.5)	385.3 (112.9)
CSD-0302-MD[ ]	155.1 (45.5)	173.2 (50.8)	192.6 (56.4)	213.2 (62.5)	235.3 (69)	258.7 (75.8)	283.8 (83.2)	310.3 (90.9)	338.4 (99.2)	368.3 (107.9)
CSD-0350-MD[ ]	184.8 (54.2)	206.6 (60.6)	229.9 (67.4)	254.8 (74.7)	281.4 (82.5)	309.8 (90.8)	340.2 (99.7)	372.5 (109.2)	406.9 (119.3)	443.3 (129.9)
CSD-0351-MD[ ]	189.8 (55.6)	212.8 (62.4)	237.5 (69.6)	264 (77.4)	292.5 (85.7)	323 (94.7)	355.8 (104.3)	390.9 (114.6)	428.5 (125.6)	468.4 (137.3)
CSD-0352-MD[ ]	188.3 (55.2)	210.9 (61.8)	235.1 (68.9)	261.1 (76.5)	289 (84.7)	318.9 (93.5)	350.9 (102.8)	385.1 (112.9)	421.7 (123.6)	460.6 (135)
CSD-0400-MD[ ]	222.2 (65.1)	247.6 (72.6)	274.7 (80.5)	303.5 (89)	334.2 (97.9)	366.9 (107.5)	401.5 (117.7)	438.3 (128.5)	477.3 (139.9)	518.5 (152)
CSD-0401-MD[ ]	233.5 (68.4)	261.6 (76.7)	291.8 (85.5)	324.2 (95)	359 (105.2)	396.5 (116.2)	436.7 (128)	479.9 (140.7)	526.1 (154.2)	575.4 (168.6)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

CS Medium Temperature Copeland Discus with R-454A Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CSD-0100-MD[ ]	60.3 (17.7)	67.4 (19.8)	75 (22)	83.1 (24.4)	91.8 (26.9)	101 (29.6)	110.8 (32.5)	121.2 (35.5)	132.3 (38.8)	144 (42.2)
CSD-0101-MD[ ]	62.6 (18.3)	70.2 (20.6)	78.4 (23)	87.2 (25.6)	96.7 (28.3)	106.9 (31.3)	117.8 (34.5)	129.4 (37.9)	141.9 (41.6)	155.1 (45.5)
CSD-0102-MD[ ]	61.6 (18.1)	69 (20.2)	77 (22.6)	85.5 (25.1)	94.6 (27.7)	104.4 (30.6)	114.8 (33.6)	126 (36.9)	137.9 (40.4)	150.5 (44.1)
CSD-0150-MD[ ]	80.8 (23.7)	90.4 (26.5)	100.6 (29.5)	111.4 (32.6)	123.1 (36.1)	135.5 (39.7)	148.8 (43.6)	162.9 (47.7)	177.9 (52.1)	193.8 (56.8)
CSD-0151-MD[ ]	83.6 (24.5)	93.8 (27.5)	104.8 (30.7)	116.6 (34.2)	129.3 (37.9)	142.9 (41.9)	157.5 (46.2)	173.1 (50.7)	189.8 (55.6)	207.7 (60.9)
CSD-0152-MD[ ]	84.8 (24.9)	95.3 (27.9)	106.6 (31.2)	118.8 (34.8)	131.9 (38.7)	146 (42.8)	161.2 (47.2)	177.5 (52)	195 (57.2)	213.6 (62.6)
CSD-0200-MD[ ]	96.9 (28.4)	108 (31.7)	119.9 (35.1)	132.5 (38.8)	145.8 (42.7)	160 (46.9)	175.1 (51.3)	191 (56)	207.7 (60.9)	225.3 (66)
CSD-0201-MD[ ]	101.1 (29.6)	113.2 (33.2)	126.2 (37)	140.1 (41.1)	155 (45.4)	170.9 (50.1)	187.9 (55.1)	206.1 (60.4)	225.3 (66)	245.8 (72)
CSD-0202-MD[ ]	102.9 (30.2)	115.4 (33.8)	128.9 (37.8)	143.3 (42)	158.9 (46.6)	175.6 (51.5)	193.4 (56.7)	212.6 (62.3)	233 (68.3)	254.7 (74.6)
CSD-0250-MD[ ]	115.2 (33.8)	128.7 (37.7)	143.2 (42)	158.6 (46.5)	175.1 (51.3)	192.7 (56.5)	211.4 (62)	231.2 (67.8)	252.2 (73.9)	274.4 (80.4)
CSD-0251-MD[ ]	119.8 (35.1)	134.4 (39.4)	150.2 (44)	167.1 (49)	185.3 (54.3)	204.8 (60)	225.8 (66.2)	248.2 (72.7)	272.1 (79.7)	297.6 (87.2)
CSD-0252-MD[ ]	117.6 (34.5)	131.7 (38.6)	146.8 (43)	163 (47.8)	180.3 (52.8)	198.9 (58.3)	218.7 (64.1)	239.9 (70.3)	262.4 (76.9)	286.2 (83.9)
CSD-0300-MD[ ]	140.2 (41.1)	156.4 (45.8)	173.6 (50.9)	191.9 (56.2)	211.5 (62)	232.3 (68.1)	254.4 (74.6)	278 (81.5)	302.9 (88.8)	329.3 (96.5)
CSD-0301-MD[ ]	144.9 (42.5)	162.2 (47.5)	180.7 (53)	200.5 (58.8)	221.9 (65)	244.7 (71.7)	269.2 (78.9)	295.4 (86.6)	323.4 (94.8)	353.1 (103.5)
CSD-0302-MD[ ]	141.6 (41.5)	158.1 (46.3)	175.7 (51.5)	194.4 (57)	214.5 (62.9)	235.9 (69.1)	258.8 (75.8)	283 (82.9)	308.9 (90.5)	336.4 (98.6)
CSD-0350-MD[ ]	168.6 (49.4)	188.3 (55.2)	209.5 (61.4)	232.2 (68.1)	256.5 (75.2)	282.5 (82.8)	310.3 (90.9)	340 (99.6)	371.5 (108.9)	405.2 (118.8)
CSD-0351-MD[ ]	173.5 (50.8)	194.5 (57)	217 (63.6)	241.3 (70.7)	267.4 (78.4)	295.6 (86.6)	325.8 (95.5)	358.2 (105)	393 (115.2)	430.2 (126.1)
CSD-0352-MD[ ]	171.9 (50.4)	192.5 (56.4)	214.7 (62.9)	238.4 (69.9)	264 (77.4)	291.5 (85.4)	320.9 (94.1)	352.5 (103.3)	386.3 (113.2)	422.3 (123.8)
CSD-0400-MD[ ]	202.8 (59.4)	225.8 (66.2)	250.3 (73.4)	276.4 (81)	304.2 (89.2)	333.9 (97.9)	365.3 (107.1)	398.9 (116.9)	434.5 (127.3)	472.3 (138.4)
CSD-0401-MD[ ]	213.8 (62.7)	239.4 (70.2)	267 (78.3)	296.7 (87)	328.7 (96.3)	363.1 (106.4)	400.1 (117.3)	439.9 (128.9)	482.7 (141.5)	528.4 (154.9)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CS Medium Temperature Copeland Discus with R-454C Electrical, Capacity, and Configuration Data

CS Medium Temperature Copeland Discus with R-454C AWEF and Electrical Data

Model	Compressor	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CSD-0100-MK[ ]	3YB3R11ME	11310	7.6	39.1	5.4	57.3	90	17.9	2.5	26.4	40
CSD-0101-MK[ ]	3YB3R11ME	12210	7.6	39.1	10.8	62.7	100	17.9	5	28.9	45
CSD-0102-MK[ ]	3YB3R11ME	11410	7.6	39.1	5.4	57.3	90	17.9	2.5	26.4	40
CSD-0150-MK[ ]	3YS3R16ME	12210	7.6	53.5	10.8	80.7	125	26	5	39	60
CSD-0151-MK[ ]	3YS3R16ME	12310	7.6	53.5	10.8	80.7	125	26	5	39	60
CSD-0152-MK[ ]	3YS3R16ME	12410	7.6	53.5	10.8	80.7	125	26	5	39	60
CSD-0200-MK[ ]	4YBNR19ME	12210	7.6	64.7	10.8	94.7	150	32.4	5	47	70
CSD-0201-MK[ ]	4YBNR19ME	12310	7.6	64.7	10.8	94.7	150	32.4	5	47	70
CSD-0202-MK[ ]	4YBNR19ME	12410	7.6	64.7	10.8	94.7	150	32.4	5	47	70
CSD-0250-MK[ ]	4YHNR22ME	12310	7.6	66.8	10.8	97.3	150	33.4	5	48.3	80
CSD-0251-MK[ ]	4YHNR22ME	13310	7.6	66.8	16.2	102.7	150	33.4	7.5	50.8	80
CSD-0252-MK[ ]	4YHNR22ME	12410	7.6	66.8	10.8	97.3	150	33.4	5	48.3	80
CSD-0300-MK[ ]	4YJNR27ME	12312	7.6	94.6	10.8	132.1	225	47.3	5	65.6	110
CSD-0301-MK[ ]	4YJNR27ME	13310	7.6	94.6	16.2	137.5	225	47.3	7.5	68.1	110
CSD-0302-MK[ ]	4YJNR27ME	12410	7.6	94.6	10.8	132.1	225	47.3	5	65.6	110
CSD-0350-MK[ ]	6YHNR32ME	13310	7.6	112.3	16.2	159.6	250	56.2	7.5	79.3	125
CSD-0351-MK[ ]	6YHNR32ME	22310	7.6	112.3	21.6	165	250	56.2	10	81.8	125
CSD-0352-MK[ ]	6YHNR32ME	13410	7.6	112.3	16.2	159.6	250	56.2	7.5	79.3	125
CSD-0400-MK[ ]	6YJNR39ME	13310	7.6	128.2	16.2	179.5	300	64.1	7.5	89.1	150
CSD-0401-MK[ ]	6YJNR39ME	22410	7.6	128.2	21.6	184.9	300	64.1	10	91.6	150

[ ] Voltage

[C] Listed as 208 VAC value.

CS Medium Temperature Copeland Discus with R-454C Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CSD-0100-MK[ ]	58 (17)	65 (19.1)	72.4 (21.2)	80.5 (23.6)	89 (26.1)	98.2 (28.8)	108 (31.7)	118.4 (34.7)	129.5 (38)	141.2 (41.4)
CSD-0101-MK[ ]	59.7 (17.5)	67.1 (19.7)	75.1 (22)	83.6 (24.5)	92.8 (27.2)	102.7 (30.1)	113.3 (33.2)	124.7 (36.5)	136.9 (40.1)	149.8 (43.9)
CSD-0102-MK[ ]	59 (17.3)	66.2 (19.4)	74 (21.7)	82.3 (24.1)	91.2 (26.7)	100.8 (29.5)	111.1 (32.6)	122.1 (35.8)	133.8 (39.2)	146.2 (42.8)
CSD-0150-MK[ ]	77.5 (22.7)	86.9 (25.5)	97 (28.4)	107.8 (31.6)	119.4 (35)	131.7 (38.6)	144.9 (42.5)	158.8 (46.5)	173.7 (50.9)	189.3 (55.5)
CSD-0151-MK[ ]	79.7 (23.4)	89.6 (26.3)	100.3 (29.4)	111.8 (32.8)	124.1 (36.4)	137.4 (40.3)	151.5 (44.4)	166.6 (48.8)	182.8 (53.6)	199.9 (58.6)
CSD-0152-MK[ ]	80.6 (23.6)	90.8 (26.6)	101.7 (29.8)	113.5 (33.3)	126.1 (37)	139.8 (41)	154.3 (45.2)	170 (49.8)	186.6 (54.7)	204.4 (59.9)
CSD-0200-MK[ ]	93.7 (27.5)	104.7 (30.7)	116.5 (34.1)	129.1 (37.8)	142.5 (41.8)	156.7 (45.9)	171.9 (50.4)	187.9 (55.1)	204.9 (60.1)	222.9 (65.3)
CSD-0201-MK[ ]	96.9 (28.4)	108.7 (31.9)	121.4 (35.6)	135 (39.6)	149.5 (43.8)	165.1 (48.4)	181.7 (53.3)	199.5 (58.5)	218.4 (64)	238.5 (69.9)
CSD-0202-MK[ ]	98.3 (28.8)	110.4 (32.4)	123.5 (36.2)	137.5 (40.3)	152.5 (44.7)	168.7 (49.4)	185.9 (54.5)	204.4 (59.9)	224.2 (65.7)	245.2 (71.9)
CSD-0250-MK[ ]	110.8 (32.5)	124.1 (36.4)	138.3 (40.5)	153.6 (45)	169.8 (49.8)	187.3 (54.9)	205.8 (60.3)	225.6 (66.1)	246.5 (72.2)	268.7 (78.8)
CSD-0251-MK[ ]	114.4 (33.5)	128.5 (37.7)	143.7 (42.1)	160 (46.9)	177.6 (52.1)	196.4 (57.6)	216.7 (63.5)	238.4 (69.9)	261.5 (76.6)	286.2 (83.9)
CSD-0252-MK[ ]	112.7 (33)	126.4 (37)	141.1 (41.4)	156.9 (46)	173.8 (50.9)	192 (56.3)	211.4 (62)	232.1 (68)	254.2 (74.5)	277.6 (81.4)
CSD-0300-MK[ ]	135.4 (39.7)	151.4 (44.4)	168.5 (49.4)	186.8 (54.7)	206.3 (60.5)	227.1 (66.6)	249.2 (73)	272.8 (80)	297.7 (87.3)	324.1 (95)
CSD-0301-MK[ ]	139.1 (40.8)	155.9 (45.7)	174 (51)	193.4 (56.7)	214.3 (62.8)	236.6 (69.3)	260.5 (76.3)	286 (83.8)	313.2 (91.8)	342.2 (100.3)
CSD-0302-MK[ ]	136.5 (40)	152.7 (44.8)	170.1 (49.9)	188.7 (55.3)	208.6 (61.1)	229.9 (67.4)	252.5 (74)	276.7 (81.1)	302.3 (88.6)	329.4 (96.5)
CSD-0350-MK[ ]	161.5 (47.3)	181.1 (53.1)	202.2 (59.3)	224.9 (65.9)	249.1 (73)	275.1 (80.6)	302.8 (88.7)	332.3 (97.4)	363.7 (106.6)	397 (116.4)
CSD-0351-MK[ ]	165.4 (48.5)	186 (54.5)	208.1 (61)	232 (68)	257.6 (75.5)	285.2 (83.6)	314.7 (92.2)	346.3 (101.5)	380.1 (111.4)	416 (121.9)
CSD-0352-MK[ ]	164.2 (48.1)	184.4 (54)	206.3 (60.5)	229.7 (67.3)	255 (74.7)	282 (82.6)	311 (91.1)	342 (100.2)	375 (109.9)	410 (120.2)
CSD-0400-MK[ ]	196.5 (57.6)	219.4 (64.3)	243.7 (71.4)	269.8 (79.1)	297.6 (87.2)	327.3 (95.9)	359.1 (105.2)	392.9 (115.2)	428.7 (125.6)	467 (136.9)
CSD-0401-MK[ ]	205.3 (60.2)	230.2 (67.5)	256.9 (75.3)	285.6 (83.7)	316.6 (92.8)	349.9 (102.5)	385.8 (113.1)	424.4 (124.4)	465.7 (136.5)	509.9 (149.4)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CS Medium Temperature Copeland Discus with R-454A Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]									
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)
CSD-0100-MK[ ]	52.8 (15.5)	59.1 (17.3)	66 (19.3)	73.3 (21.5)	81.1 (23.8)	89.5 (26.2)	98.5 (28.9)	108.2 (31.7)	118.4 (34.7)	129.3 (37.9)
CSD-0101-MK[ ]	54.5 (16)	61.2 (17.9)	68.5 (20.1)	76.4 (22.4)	84.9 (24.9)	94 (27.5)	103.9 (30.5)	114.4 (33.5)	125.7 (36.8)	137.8 (40.4)
CSD-0102-MK[ ]	53.7 (15.7)	60.4 (17.7)	67.5 (19.8)	75.1 (22)	83.3 (24.4)	92.1 (27)	101.6 (29.8)	111.8 (32.8)	122.7 (36)	134.3 (39.4)
CSD-0150-MK[ ]	70.6 (20.7)	79.2 (23.2)	88.4 (25.9)	98.3 (28.8)	108.9 (31.9)	120.3 (35.3)	132.5 (38.8)	145.4 (42.6)	159.2 (46.7)	173.7 (50.9)
CSD-0151-MK[ ]	72.7 (21.3)	81.8 (24)	91.7 (26.9)	102.2 (30)	113.7 (33.3)	125.9 (36.9)	139.1 (40.8)	153.2 (44.9)	168.2 (49.3)	184.2 (54)
CSD-0152-MK[ ]	73.7 (21.6)	83 (24.3)	93 (27.3)	103.9 (30.5)	115.7 (33.9)	128.3 (37.6)	141.9 (41.6)	156.5 (45.9)	172.1 (50.4)	188.7 (55.3)
CSD-0200-MK[ ]	85.2 (25)	95.3 (27.9)	106 (31.1)	117.5 (34.4)	129.8 (38)	142.9 (41.9)	156.8 (46)	171.6 (50.3)	187.3 (54.9)	203.9 (59.8)
CSD-0201-MK[ ]	88.4 (25.9)	99.2 (29.1)	110.8 (32.5)	123.3 (36.1)	136.7 (40.1)	151.1 (44.3)	166.5 (48.8)	183 (53.6)	200.6 (58.8)	219.3 (64.3)
CSD-0202-MK[ ]	89.8 (26.3)	100.9 (29.6)	112.9 (33.1)	125.8 (36.9)	139.7 (40.9)	154.6 (45.3)	170.7 (50)	187.9 (55.1)	206.3 (60.5)	226 (66.2)
CSD-0250-MK[ ]	101 (29.6)	113.2 (33.2)	126.2 (37)	140.1 (41.1)	155.1 (45.5)	171.2 (50.2)	188.3 (55.2)	206.6 (60.6)	226 (66.2)	246.6 (72.3)
CSD-0251-MK[ ]	104.5 (30.6)	117.5 (34.4)	131.4 (38.5)	146.5 (42.9)	162.8 (47.7)	180.3 (52.8)	199.1 (58.4)	219.3 (64.3)	240.9 (70.6)	263.9 (77.3)
CSD-0252-MK[ ]	102.8 (30.1)	115.4 (33.8)	128.9 (37.8)	143.4 (42)	159 (46.6)	175.8 (51.5)	193.8 (56.8)	213.1 (62.5)	233.6 (68.5)	255.5 (74.9)
CSD-0300-MK[ ]	123.4 (36.2)	138 (40.4)	153.5 (45)	170.2 (49.9)	188.1 (55.1)	207.2 (60.7)	227.5 (66.7)	249.2 (73)	272.1 (79.7)	296.6 (86.9)
CSD-0301-MK[ ]	127 (37.2)	142.4 (41.7)	159 (46.6)	176.8 (51.8)	196 (57.4)	216.6 (63.5)	238.7 (70)	262.4 (76.9)	287.6 (84.3)	314.5 (92.2)
CSD-0302-MK[ ]	124.5 (36.5)	139.3 (40.8)	155.1 (45.5)	172.2 (50.5)	190.4 (55.8)	209.9 (61.5)	230.8 (67.6)	253 (74.2)	276.7 (81.1)	301.8 (88.5)
CSD-0350-MK[ ]	146.9 (43.1)	164.7 (48.3)	184 (53.9)	204.7 (60)	227 (66.5)	250.9 (73.5)	276.5 (81)	303.9 (89.1)	333 (97.6)	364 (106.7)
CSD-0351-MK[ ]	150.7 (44.2)	169.4 (49.6)	189.7 (55.6)	211.7 (62)	235.4 (69)	261 (76.5)	288.4 (84.5)	317.9 (93.2)	349.4 (102.4)	383 (112.3)
CSD-0352-MK[ ]	149.5 (43.8)	168 (49.2)	187.9 (55.1)	209.5 (61.4)	232.8 (68.2)	257.8 (75.6)	284.7 (83.4)	313.5 (91.9)	344.2 (100.9)	377 (110.5)
CSD-0400-MK[ ]	179 (52.5)	199.7 (58.5)	221.9 (65)	245.6 (72)	271 (79.4)	298.1 (87.4)	327.2 (95.9)	358.2 (105)	391.3 (114.7)	426.6 (125)
CSD-0401-MK[ ]	187.6 (55)	210.3 (61.6)	234.9 (68.8)	261.3 (76.6)	289.8 (84.9)	320.6 (94)	353.8 (103.7)	389.6 (114.2)	428.1 (125.5)	469.4 (137.6)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

CS Low Temperature Copeland Discus with R-454A Electrical, Capacity, and Configuration Data

CS Low Temperature Copeland Discus with R-454A AWEF and Electrical Data

Model	Compressor	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CSD-0150-LD[ ]	4YKNF46KE	11410	3.15	47.2	5.4	67.4	110	23.6	2.5	33.5	50
CSD-0151-LD[ ]	4YKNF46KE	12210	N/A	47.2	10.8	72.8	110	23.6	5	36	50
CSD-0153-LD[ ]	4YKNF46KE	11410[F]	3.15	47.2	3.4	65.4	110	23.6	1.6	32.6	50
CSD-0220-LD[ ]	4YJNF59KE	12210	N/A	57.7	10.8	85.9	125	28.8	5	42.5	70
CSD-0221-LD[ ]	4YJNF59KE	12310	N/A	57.7	10.8	85.9	125	28.8	5	42.5	70
CSD-0222-LD[ ]	4YJNF59KE	12410	3.15	57.7	10.8	85.9	125	28.8	5	42.5	70
CSD-0223-LD[ ]	4YJNF59KE	12410[F]	3.15	57.7	6.8	81.9	125	28.8	3.2	40.7	60
CSD-0270-LD[ ]	6YHNF68KE	12310	N/A	72.4	10.8	104.3	175	36.2	5	51.8	80
CSD-0271-LD[ ]	6YHNF68KE	13210	N/A	72.4	16.2	109.7	175	36.2	7.5	54.3	90
CSD-0272-LD[ ]	6YHNF68KE	12410	N/A	72.4	10.8	104.3	175	36.2	5	51.8	80
CSD-0273-LD[ ]	6YHNF68KE	12410[F]	3.15	72.4	6.8	100.3	150	36.2	3.2	50	80
CSD-0300-LD[ ]	6YJNF84KE	12310	N/A	85.8	10.8	121.1	200	42.9	5	60.1	100
CSD-0301-LD[ ]	6YJNF84KE	13310	N/A	85.8	16.2	126.5	200	42.9	7.5	62.6	100
CSD-0302-LD[ ]	6YJNF84KE	12410	N/A	85.8	10.8	121.1	200	42.9	5	60.1	100
CSD-0303-LD[ ]	6YJNF84KE	12410[F]	N/A	85.8	6.8	117.1	200	42.9	3.2	58.3	100

[ ] Voltage

[C] Listed as 208 VAC value.

[F] Uses 'E' motor condenser instead of standard 'F' motor

C-Series A2L

Specifications

CS Low Temperature Copeland Discus with R-454A Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CSD-0150-LD[ ]	38.9 (11.4)	46 (13.5)	54 (15.8)	62.7 (18.4)	72.1 (21.1)	82.2 (24.1)	93 (27.3)	104.5 (30.6)	116.5 (34.1)
CSD-0151-LD[ ]	39.4 (11.5)	46.7 (13.7)	54.8 (16.1)	63.7 (18.7)	73.4 (21.5)	83.9 (24.6)	95.1 (27.9)	107 (31.4)	119.5 (35)
CSD-0153-LD[ ]	37.5 (11)	44.3 (13)	51.8 (15.2)	59.9 (17.6)	68.6 (20.1)	77.9 (22.8)	87.7 (25.7)	98 (28.7)	108.8 (31.9)
CSD-0220-LD[ ]	48.6 (14.2)	57.3 (16.8)	66.9 (19.6)	77.5 (22.7)	89 (26.1)	101.3 (29.7)	114.5 (33.6)	128.5 (37.7)	143.3 (42)
CSD-0221-LD[ ]	49.9 (14.6)	59 (17.3)	69.1 (20.3)	80.3 (23.5)	92.5 (27.1)	105.7 (31)	119.9 (35.1)	135.1 (39.6)	151.2 (44.3)
CSD-0222-LD[ ]	50.5 (14.8)	59.7 (17.5)	70.1 (20.5)	81.5 (23.9)	94 (27.5)	107.6 (31.5)	122.2 (35.8)	137.9 (40.4)	154.6 (45.3)
CSD-0223-LD[ ]	49.4 (14.5)	58.4 (17.1)	68.3 (20)	79.2 (23.2)	91.2 (26.7)	104.1 (30.5)	117.9 (34.6)	132.6 (38.9)	148.2 (43.4)
CSD-0270-LD[ ]	58.5 (17.1)	69.1 (20.3)	80.9 (23.7)	93.8 (27.5)	107.9 (31.6)	123 (36)	139.3 (40.8)	156.7 (45.9)	175 (51.3)
CSD-0271-LD[ ]	58.8 (17.2)	69.4 (20.3)	81.3 (23.8)	94.3 (27.6)	108.5 (31.8)	123.9 (36.3)	140.4 (41.1)	158 (46.3)	176.6 (51.8)
CSD-0272-LD[ ]	59.3 (17.4)	70.1 (20.5)	82.2 (24.1)	95.4 (28)	109.9 (32.2)	125.6 (36.8)	142.5 (41.8)	160.6 (47.1)	179.8 (52.7)
CSD-0273-LD[ ]	57.8 (16.9)	68.2 (20)	79.7 (23.4)	92.3 (27.1)	106 (31.1)	120.8 (35.4)	136.5 (40)	153.3 (44.9)	170.9 (50.1)
CSD-0300-LD[ ]	71.3 (20.9)	83.8 (24.6)	97.8 (28.7)	113 (33.1)	129.7 (38)	147.6 (43.3)	166.7 (48.9)	187 (54.8)	208.4 (61.1)
CSD-0301-LD[ ]	73.6 (21.6)	86.8 (25.4)	101.5 (29.7)	117.8 (34.5)	135.6 (39.7)	155 (45.4)	175.8 (51.5)	198.1 (58.1)	221.9 (65)
CSD-0302-LD[ ]	72.5 (21.2)	85.3 (25)	99.7 (29.2)	115.5 (33.9)	132.7 (38.9)	151.4 (44.4)	171.4 (50.2)	192.7 (56.5)	215.3 (63.1)
CSD-0303-LD[ ]	70.3 (20.6)	82.5 (24.2)	96.1 (28.2)	110.9 (32.5)	127 (37.2)	144.3 (42.3)	162.6 (47.7)	182.1 (53.4)	202.5 (59.3)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

CS Low Temperature Copeland Discus with R-454A Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CSD-0150-LD[ ]	34.6 (10.1)	41.2 (12.1)	48.5 (14.2)	56.6 (16.6)	65.3 (19.1)	74.7 (21.9)	84.7 (24.8)	95.3 (27.9)	106.4 (31.2)
CSD-0151-LD[ ]	35.1 (10.3)	41.8 (12.3)	49.3 (14.4)	57.6 (16.9)	66.6 (19.5)	76.3 (22.4)	86.7 (25.4)	97.7 (28.6)	109.3 (32)
CSD-0153-LD[ ]	33.4 (9.8)	39.6 (11.6)	46.5 (13.6)	54 (15.8)	62 (18.2)	70.6 (20.7)	79.6 (23.3)	89.1 (26.1)	N/A
CSD-0220-LD[ ]	43.5 (12.7)	51.5 (15.1)	60.3 (17.7)	70.1 (20.5)	80.7 (23.7)	92.1 (27)	104.3 (30.6)	117.3 (34.4)	131 (38.4)
CSD-0221-LD[ ]	44.7 (13.1)	53.1 (15.6)	62.4 (18.3)	72.7 (21.3)	84 (24.6)	96.2 (28.2)	109.4 (32.1)	123.5 (36.2)	138.6 (40.6)
CSD-0222-LD[ ]	45.2 (13.2)	53.7 (15.7)	63.3 (18.6)	73.8 (21.6)	85.4 (25)	98 (28.7)	111.7 (32.7)	126.3 (37)	141.8 (41.6)
CSD-0223-LD[ ]	44.3 (13)	52.5 (15.4)	61.6 (18.1)	71.7 (21)	82.7 (24.2)	94.7 (27.8)	107.5 (31.5)	121.2 (35.5)	135.7 (39.8)
CSD-0270-LD[ ]	52.3 (15.3)	62.1 (18.2)	73 (21.4)	84.9 (24.9)	97.9 (28.7)	112 (32.8)	127 (37.2)	143.1 (41.9)	160.1 (46.9)
CSD-0271-LD[ ]	52.6 (15.4)	62.4 (18.3)	73.4 (21.5)	85.5 (25.1)	98.6 (28.9)	112.8 (33.1)	128.1 (37.5)	144.3 (42.3)	161.6 (47.4)
CSD-0272-LD[ ]	53.1 (15.6)	63.1 (18.5)	74.2 (21.7)	86.5 (25.4)	99.9 (29.3)	114.5 (33.6)	130.1 (38.1)	146.8 (43)	164.6 (48.2)
CSD-0273-LD[ ]	51.7 (15.2)	61.3 (18)	71.9 (21.1)	83.6 (24.5)	96.2 (28.2)	109.8 (32.2)	124.4 (36.5)	139.8 (41)	156.1 (45.8)
CSD-0300-LD[ ]	63.9 (18.7)	75.4 (22.1)	88.2 (25.8)	102.4 (30)	117.7 (34.5)	134.3 (39.4)	152 (44.5)	170.8 (50.1)	190.7 (55.9)
CSD-0301-LD[ ]	66 (19.3)	78.2 (22.9)	91.8 (26.9)	106.9 (31.3)	123.4 (36.2)	141.4 (41.4)	160.7 (47.1)	181.5 (53.2)	203.6 (59.7)
CSD-0302-LD[ ]	65 (19.1)	76.8 (22.5)	90.1 (26.4)	104.7 (30.7)	120.6 (35.3)	137.9 (40.4)	156.4 (45.8)	176.2 (51.6)	197.3 (57.8)
CSD-0303-LD[ ]	63 (18.5)	74.2 (21.7)	86.7 (25.4)	100.3 (29.4)	115.2 (33.8)	131.1 (38.4)	148.1 (43.4)	166.1 (48.7)	185 (54.2)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CS Low Temperature Copeland Discus with R-454C Electrical, Capacity, and Configuration Data

CS Low Temperature Copeland Discus with R-454C AWEF and Electrical Data

Model	Compressor	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CSD-0150-LK[ ]	4YKNF46KE	11410	3.15	47.2	5.4	67.4	110	23.6	2.5	33.5	50
CSD-0151-LK[ ]	4YKNF46KE	12210	N/A	47.2	10.8	72.8	110	23.6	5	36	50
CSD-0153-LK[ ]	4YKNF46KE	11410[F]	3.15	47.2	3.4	65.4	110	23.6	1.6	32.6	50
CSD-0220-LK[ ]	4YJNF59KE	12210	N/A	57.7	10.8	85.93	125	28.8	5	42.5	70
CSD-0221-LK[ ]	4YJNF59KE	12310	N/A	57.7	10.8	85.93	125	28.8	5	42.5	70
CSD-0222-LK[ ]	4YJNF59KE	12410	N/A	57.7	10.8	85.93	125	28.8	5	42.5	70
CSD-0223-LK[ ]	4YJNF59KE	12410[F]	3.15	57.7	6.8	81.9	125	28.8	3.2	40.7	60
CSD-0270-LK[ ]	6YHNF68KE	12310	N/A	72.4	10.8	104.3	175	36.2	5	51.8	80
CSD-0271-LK[ ]	6YHNF68KE	13210	N/A	72.4	16.2	109.7	175	36.2	7.5	54.3	90
CSD-0272-LK[ ]	6YHNF68KE	12410	N/A	72.4	10.8	104.3	175	36.2	5	51.8	80
CSD-0273-LK[ ]	6YHNF68KE	12410[F]	3.15	72.4	6.8	100.3	150	36.2	3.2	50	80
CSD-0300-LK[ ]	6YJNF84KE	12310	N/A	85.8	10.8	121.1	200	42.9	5	60.1	100
CSD-0301-LK[ ]	6YJNF84KE	13310	N/A	85.8	16.2	126.5	200	42.9	7.5	62.6	100
CSD-0302-LK[ ]	6YJNF84KE	12410	N/A	85.8	10.8	121.1	200	42.9	5	60.1	100
CSD-0303-LK[ ]	6YJNF84KE	12410[F]	3.15	85.8	6.8	117.1	200	42.9	3.2	58.3	100

[ ] Voltage

[C] Listed as 208 VAC value.

[F] Uses 'E' motor condenser instead of standard 'F' motor

CS Low Temperature Copeland Discus with R-454C Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CSD-0150-LK[ ]	34.2 (10)	40.5 (11.9)	47.5 (13.9)	55.2 (16.2)	63.6 (18.6)	72.8 (21.3)	82.5 (24.2)	93 (27.3)	104 (30.5)
CSD-0151-LK[ ]	34.6 (10.1)	41 (12)	48.1 (14.1)	56 (16.4)	64.7 (19)	74 (21.7)	84.1 (24.6)	94.9 (27.8)	106.4 (31.2)
CSD-0153-LK[ ]	33.3 (9.8)	39.2 (11.5)	45.8 (13.4)	53.1 (15.6)	61 (17.9)	69.4 (20.3)	78.4 (23)	88 (25.8)	98 (28.7)
CSD-0220-LK[ ]	42.5 (12.5)	50.1 (14.7)	58.6 (17.2)	68 (19.9)	78.3 (22.9)	89.4 (26.2)	101.2 (29.7)	113.9 (33.4)	127.2 (37.3)
CSD-0221-LK[ ]	43.4 (12.7)	51.4 (15.1)	60.3 (17.7)	70.1 (20.5)	81 (23.7)	92.7 (27.2)	105.3 (30.9)	118.8 (34.8)	133.2 (39)
CSD-0222-LK[ ]	43.8 (12.8)	51.9 (15.2)	61 (17.9)	71.1 (20.8)	82.1 (24.1)	94.1 (27.6)	107.1 (31.4)	121 (35.5)	135.8 (39.8)
CSD-0223-LK[ ]	43.1 (12.6)	50.9 (14.9)	59.7 (17.5)	69.4 (20.3)	80 (23.4)	91.5 (26.8)	103.8 (30.4)	117 (34.3)	130.9 (38.4)
CSD-0270-LK[ ]	51 (14.9)	60.2 (17.6)	70.5 (20.7)	81.9 (24)	94.4 (27.7)	107.9 (31.6)	122.4 (35.9)	137.9 (40.4)	154.4 (45.3)
CSD-0271-LK[ ]	51.1 (15)	60.4 (17.7)	70.9 (20.8)	82.4 (24.2)	94.9 (27.8)	108.6 (31.8)	123.3 (36.1)	138.9 (40.7)	155.6 (45.6)
CSD-0272-LK[ ]	51.5 (15.1)	61 (17.9)	71.5 (21)	83.2 (24.4)	96 (28.1)	109.9 (32.2)	124.9 (36.6)	140.9 (41.3)	158 (46.3)
CSD-0273-LK[ ]	50.5 (14.8)	59.5 (17.4)	69.7 (20.4)	80.8 (23.7)	93 (27.3)	106.2 (31.1)	120.3 (35.3)	135.3 (39.7)	151.3 (44.3)
CSD-0300-LK[ ]	62.3 (18.3)	73.4 (21.5)	85.7 (25.1)	99.3 (29.1)	114.1 (33.4)	130 (38.1)	147.2 (43.1)	165.5 (48.5)	184.9 (54.2)
CSD-0301-LK[ ]	64 (18.8)	75.6 (22.2)	88.6 (26)	102.9 (30.2)	118.7 (34.8)	135.8 (39.8)	154.3 (45.2)	174.2 (51.1)	195.3 (57.2)
CSD-0302-LK[ ]	63.2 (18.5)	74.5 (21.8)	87.2 (25.6)	101.1 (29.6)	116.4 (34.1)	133 (39)	150.9 (44.2)	169.9 (49.8)	190.2 (55.7)
CSD-0303-LK[ ]	61.6 (18.1)	72.4 (21.2)	84.4 (24.7)	97.6 (28.6)	112 (32.8)	127.5 (37.4)	144 (42.2)	161.7 (47.4)	180.3 (52.8)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CS Low Temperature Copeland Discus with R-454C Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CSD-0150-LK[ ]	30.7 (9)	36.3 (10.6)	42.7 (12.5)	49.8 (14.6)	57.6 (16.9)	66 (19.3)	75.1 (22)	84.8 (24.9)	95 (27.8)
CSD-0151-LK[ ]	31 (9.1)	36.8 (10.8)	43.3 (12.7)	50.6 (14.8)	58.6 (17.2)	67.2 (19.7)	76.6 (22.5)	86.6 (25.4)	97.3 (28.5)
CSD-0153-LK[ ]	29.8 (8.7)	35.2 (10.3)	41.2 (12.1)	47.8 (14)	55.1 (16.1)	62.8 (18.4)	71.2 (20.9)	80 (23.4)	89.3 (26.2)
CSD-0220-LK[ ]	38.1 (11.2)	45 (13.2)	52.8 (15.5)	61.4 (18)	70.9 (20.8)	81.1 (23.8)	92.1 (27)	103.8 (30.4)	116.2 (34.1)
CSD-0221-LK[ ]	39 (11.4)	46.2 (13.5)	54.4 (15.9)	63.4 (18.6)	73.4 (21.5)	84.3 (24.7)	96 (28.1)	108.6 (31.8)	122 (35.8)
CSD-0222-LK[ ]	39.3 (11.5)	46.7 (13.7)	55 (16.1)	64.3 (18.8)	74.5 (21.8)	85.7 (25.1)	97.7 (28.6)	110.7 (32.4)	124.5 (36.5)
CSD-0223-LK[ ]	38.6 (11.3)	45.7 (13.4)	53.8 (15.8)	62.7 (18.4)	72.5 (21.2)	83.1 (24.4)	94.6 (27.7)	106.8 (31.3)	119.8 (35.1)
CSD-0270-LK[ ]	45.7 (13.4)	54.1 (15.9)	63.5 (18.6)	74 (21.7)	85.5 (25.1)	97.9 (28.7)	111.4 (32.6)	125.7 (36.8)	141 (41.3)
CSD-0271-LK[ ]	45.9 (13.5)	54.3 (15.9)	63.8 (18.7)	74.4 (21.8)	86 (25.2)	98.6 (28.9)	112.1 (32.9)	126.7 (37.1)	142.2 (41.7)
CSD-0272-LK[ ]	46.2 (13.5)	54.8 (16.1)	64.4 (18.9)	75.2 (22)	87 (25.5)	99.8 (29.2)	113.7 (33.3)	128.6 (37.7)	144.5 (42.4)
CSD-0273-LK[ ]	45.3 (13.3)	53.5 (15.7)	62.7 (18.4)	72.9 (21.4)	84.1 (24.6)	96.3 (28.2)	109.3 (32)	123.2 (36.1)	138 (40.4)
CSD-0300-LK[ ]	56 (16.4)	66 (19.3)	77.2 (22.6)	89.6 (26.3)	103.2 (30.2)	117.9 (34.6)	133.8 (39.2)	150.7 (44.2)	168.7 (49.4)
CSD-0301-LK[ ]	57.5 (16.9)	68 (19.9)	79.9 (23.4)	93.1 (27.3)	107.6 (31.5)	123.5 (36.2)	140.6 (41.2)	159.1 (46.6)	178.8 (52.4)
CSD-0302-LK[ ]	56.8 (16.6)	67 (19.6)	78.6 (23)	91.4 (26.8)	105.4 (30.9)	120.8 (35.4)	137.3 (40.2)	155 (45.4)	173.9 (51)
CSD-0303-LK[ ]	55.3 (16.2)	65.1 (19.1)	76 (22.3)	88 (25.8)	101.2 (29.7)	115.5 (33.9)	130.7 (38.3)	147 (43.1)	164.3 (48.2)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

CS Medium Temperature Bitzer Ecoline (Motor 1) with R-454A Electrical, Capacity, and Configuration Data

CS Medium Temperature Bitzer Ecoline (Motor 1) with R-454A AWEF and Electrical Data

Model	Compressor	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CSE-0100-MD[ ]	4TES-12	11310	7.6	42.3	5.4	61.3	100	21.2	2.5	30.5	50
CSE-0101-MD[ ]	4TES-12	12210	7.6	42.3	10.8	66.7	100	21.2	5	33	50
CSE-0102-MD[ ]	4TES-12	11410	7.6	42.3	5.4	61.3	100	21.2	2.5	30.5	50
CSE-0150-MD[ ]	4NES-20	12210	7.6	57.7	10.8	85.9	125	28.8	5	42.5	70
CSE-0151-MD[ ]	4NES-20	12310	7.6	57.7	10.8	85.9	125	28.8	5	42.5	70
CSE-0152-MD[ ]	4NES-20	12410	7.6	57.7	10.8	85.9	125	28.8	5	42.5	70
CSE-0200-MD[ ]	4JE-22	12210	7.6	61.5	10.8	90.7	150	30.8	5	45	70
CSE-0201-MD[ ]	4JE-22	12310	7.6	61.5	10.8	90.7	150	30.8	5	45	70
CSE-0202-MD[ ]	4JE-22	12410	7.6	61.5	10.8	90.7	150	30.8	5	45	70
CSE-0250-MD[ ]	4HE-25	12310	7.6	75.6	10.8	108.3	175	37.8	5	53.8	90
CSE-0251-MD[ ]	4HE-25	13310	7.6	75.6	16.2	113.7	175	37.8	7.5	56.3	90
CSE-0252-MD[ ]	4HE-25	12410	7.6	75.6	10.8	108.3	175	37.8	5	53.8	90
CSE-0300-MD[ ]	4GE-30	12312	7.6	89.7	10.8	125.9	200	44.9	5	62.6	100
CSE-0301-MD[ ]	4GE-30	13310	7.6	89.7	16.2	131.3	200	44.9	7.5	65.1	110
CSE-0302-MD[ ]	4GE-30	12410	7.6	89.7	10.8	125.9	200	44.9	5	62.6	100
CSE-0350-MD[ ]	6HE-35	13310	7.6	105.1	16.2	150.6	250	52.6	7.5	74.8	125
CSE-0351-MD[ ]	6HE-35	22310	7.6	105.1	21.6	156	250	52.6	10	77.3	125
CSE-0352-MD[ ]	6HE-35	13410	7.6	105.1	16.2	150.6	250	52.6	7.5	74.8	125
CSE-0400-MD[ ]	6GE-40	13310	7.6	141	16.2	195.5	300	70.5	7.5	97.1	150
CSE-0401-MD[ ]	6GE-40	22410	7.6	141	21.6	200.9	300	70.5	10	99.6	150

[ ] Voltage

[C] Listed as 208 VAC value.

C-Series A2L

Specifications

CS Medium Temperature Bitzer Ecoline (Motor 1) with R-454A Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CSE-0100-MD[ ]	67.4 (19.8)	75.8 (22.2)	84.8 (24.9)	94.6 (27.7)	104.9 (30.7)	115.9 (34)	127.6 (37.4)	140 (41)	153 (44.8)	166.8 (48.9)	181.2 (53.1)
CSE-0101-MD[ ]	70.3 (20.6)	79.3 (23.2)	89.1 (26.1)	99.6 (29.2)	111 (32.5)	123.2 (36.1)	136.2 (39.9)	150 (44)	164.7 (48.3)	180.3 (52.8)	196.8 (57.7)
CSE-0102-MD[ ]	69.1 (20.3)	77.9 (22.8)	87.3 (25.6)	97.5 (28.6)	108.4 (31.8)	120.1 (35.2)	132.6 (38.9)	145.8 (42.7)	159.8 (46.8)	174.6 (51.2)	190.2 (55.7)
CSE-0150-MD[ ]	92.7 (27.2)	104.3 (30.6)	116.7 (34.2)	130.1 (38.1)	144.4 (42.3)	159.6 (46.8)	175.7 (51.5)	192.8 (56.5)	210.8 (61.8)	229.9 (67.4)	249.7 (73.2)
CSE-0151-MD[ ]	96.4 (28.3)	108.8 (31.9)	122.2 (35.8)	136.7 (40.1)	152.3 (44.6)	169 (49.5)	186.8 (54.7)	205.9 (60.3)	226.1 (66.3)	247.5 (72.5)	270.2 (79.2)
CSE-0152-MD[ ]	98 (28.7)	110.7 (32.4)	124.6 (36.5)	139.6 (40.9)	155.7 (45.6)	173.1 (50.7)	191.7 (56.2)	211.6 (62)	232.8 (68.2)	255.3 (74.8)	279.2 (81.8)
CSE-0200-MD[ ]	103.1 (30.2)	115.5 (33.9)	128.8 (37.7)	143 (41.9)	158.1 (46.3)	173.9 (51)	190.8 (55.9)	208.5 (61.1)	227.1 (66.6)	246.7 (72.3)	267 (78.3)
CSE-0201-MD[ ]	107.6 (31.5)	121 (35.5)	135.5 (39.7)	150.9 (44.2)	167.4 (49.1)	185 (54.2)	203.8 (59.7)	223.7 (65.6)	244.7 (71.7)	266.8 (78.2)	290.3 (85.1)
CSE-0202-MD[ ]	109.6 (32.1)	123.4 (36.2)	138.3 (40.5)	154.3 (45.2)	171.5 (50.3)	189.8 (55.6)	209.4 (61.4)	230.3 (67.5)	252.4 (74)	275.8 (80.8)	300.6 (88.1)
CSE-0250-MD[ ]	126.7 (37.1)	141.9 (41.6)	158.1 (46.3)	175.4 (51.4)	193.8 (56.8)	213.4 (62.5)	234.1 (68.6)	255.9 (75)	279 (81.8)	303.3 (88.9)	328.7 (96.3)
CSE-0251-MD[ ]	131.9 (38.7)	148.1 (43.4)	165.6 (48.5)	184.4 (54)	204.6 (60)	226.2 (66.3)	249.2 (73)	273.7 (80.2)	299.7 (87.8)	327.2 (95.9)	356.3 (104.4)
CSE-0252-MD[ ]	129.4 (37.9)	145.1 (42.5)	161.9 (47.5)	180 (52.8)	199.3 (58.4)	219.9 (64.4)	241.8 (70.9)	265 (77.7)	289.5 (84.8)	315.4 (92.4)	342.7 (100.4)
CSE-0300-MD[ ]	147.7 (43.3)	164.9 (48.3)	183.3 (53.7)	203 (59.5)	223.8 (65.6)	245.9 (72.1)	269.3 (78.9)	293.9 (86.1)	319.8 (93.7)	347.1 (101.7)	375.4 (110)
CSE-0301-MD[ ]	152.5 (44.7)	170.8 (50.1)	190.4 (55.8)	211.4 (62)	233.9 (68.6)	257.9 (75.6)	283.4 (83.1)	310.5 (91)	339.1 (99.4)	369.3 (108.2)	401.2 (117.6)
CSE-0302-MD[ ]	149.1 (43.7)	166.6 (48.8)	185.4 (54.3)	205.4 (60.2)	226.8 (66.5)	249.4 (73.1)	273.4 (80.1)	298.8 (87.6)	325.4 (95.4)	353.5 (103.6)	382.9 (112.2)
CSE-0350-MD[ ]	185.9 (54.5)	208.9 (61.2)	233.6 (68.5)	260 (76.2)	288.2 (84.5)	318.2 (93.3)	350 (102.6)	383.6 (112.4)	419.1 (122.8)	456.4 (133.8)	495.6 (145.3)
CSE-0351-MD[ ]	191.6 (56.2)	215.9 (63.3)	242 (70.9)	270.2 (79.2)	300.3 (88)	332.6 (97.5)	366.9 (107.5)	403.5 (118.3)	442.3 (129.6)	483.2 (141.6)	526.5 (154.3)
CSE-0352-MD[ ]	189.9 (55.7)	213.7 (62.6)	239.4 (70.2)	267 (78.3)	296.5 (86.9)	328 (96.1)	361.6 (106)	397.2 (116.4)	434.9 (127.5)	474.7 (139.1)	516.7 (151.4)
CSE-0400-MD[ ]	215.6 (63.2)	240.8 (70.6)	267.7 (78.5)	296.5 (86.9)	327 (95.8)	359.4 (105.3)	393.5 (115.3)	429.6 (125.9)	467.5 (137)	507.3 (148.7)	548.7 (160.8)
CSE-0401-MD[ ]	226.9 (66.5)	254.6 (74.6)	284.4 (83.4)	316.4 (92.7)	350.8 (102.8)	387.5 (113.6)	426.7 (125.1)	468.4 (137.3)	512.6 (150.2)	559.4 (164)	608.8 (178.4)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

CS Medium Temperature Bitzer Ecoline (Motor 1) with R-454A Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CSE-0100-MD[ ]	60.4 (17.7)	68.1 (20)	76.4 (22.4)	85.2 (25)	94.8 (27.8)	104.9 (30.7)	115.7 (33.9)	127.1 (37.3)	139.2 (40.8)	152 (44.5)	165.3 (48.4)
CSE-0101-MD[ ]	63.2 (18.5)	71.4 (20.9)	80.4 (23.6)	90.1 (26.4)	100.6 (29.5)	111.9 (32.8)	123.9 (36.3)	136.8 (40.1)	150.5 (44.1)	165 (48.4)	180.4 (52.9)
CSE-0102-MD[ ]	62 (18.2)	70 (20.5)	78.7 (23.1)	88.1 (25.8)	98.2 (28.8)	108.9 (31.9)	120.5 (35.3)	132.7 (38.9)	145.7 (42.7)	159.5 (46.7)	174 (51)
CSE-0150-MD[ ]	83.2 (24.4)	93.8 (27.5)	105.2 (30.8)	117.5 (34.4)	130.6 (38.3)	144.6 (42.4)	159.5 (46.7)	175.3 (51.4)	192 (56.3)	209.7 (61.5)	228.2 (66.9)
CSE-0151-MD[ ]	86.7 (25.4)	98.1 (28.8)	110.5 (32.4)	123.8 (36.3)	138.2 (40.5)	153.7 (45)	170.2 (49.9)	187.9 (55.1)	206.7 (60.6)	226.7 (66.4)	247.9 (72.7)
CSE-0152-MD[ ]	88.3 (25.9)	100 (29.3)	112.7 (33)	126.6 (37.1)	141.5 (41.5)	157.6 (46.2)	174.9 (51.3)	193.4 (56.7)	213.2 (62.5)	234.2 (68.6)	256.6 (75.2)
CSE-0200-MD[ ]	92.6 (27.1)	104.1 (30.5)	116.3 (34.1)	129.4 (37.9)	143.2 (42)	157.9 (46.3)	173.5 (50.8)	189.9 (55.7)	207.2 (60.7)	225.3 (66)	244.2 (71.6)
CSE-0201-MD[ ]	97 (28.4)	109.3 (32)	122.7 (36)	136.9 (40.1)	152.2 (44.6)	168.6 (49.4)	186 (54.5)	204.5 (59.9)	224.1 (65.7)	244.7 (71.7)	266.6 (78.1)
CSE-0202-MD[ ]	98.8 (29)	111.6 (32.7)	125.4 (36.8)	140.2 (41.1)	156.2 (45.8)	173.2 (50.8)	191.4 (56.1)	210.8 (61.8)	231.5 (67.8)	253.3 (74.2)	276.5 (81)
CSE-0250-MD[ ]	114.6 (33.6)	128.5 (37.7)	143.4 (42)	159.3 (46.7)	176.3 (51.7)	194.3 (56.9)	213.5 (62.6)	233.7 (68.5)	255 (74.7)	277.6 (81.4)	301.1 (88.2)
CSE-0251-MD[ ]	119.5 (35)	134.5 (39.4)	150.7 (44.2)	168.1 (49.3)	186.7 (54.7)	206.6 (60.6)	228 (66.8)	250.7 (73.5)	274.9 (80.6)	300.4 (88)	327.6 (96)
CSE-0252-MD[ ]	117.1 (34.3)	131.6 (38.6)	147.1 (43.1)	163.8 (48)	181.6 (53.2)	200.6 (58.8)	220.9 (64.7)	242.4 (71)	265.1 (77.7)	289.2 (84.8)	314.6 (92.2)
CSE-0300-MD[ ]	133.5 (39.1)	149.3 (43.8)	166.2 (48.7)	184.1 (54)	203.3 (59.6)	223.6 (65.5)	245 (71.8)	267.6 (78.4)	291.5 (85.4)	316.6 (92.8)	342.8 (100.5)
CSE-0301-MD[ ]	138.1 (40.5)	154.9 (45.4)	172.9 (50.7)	192.3 (56.4)	212.9 (62.4)	235 (68.9)	258.5 (75.8)	283.5 (83.1)	310 (90.9)	338 (99.1)	367.5 (107.7)
CSE-0302-MD[ ]	134.8 (39.5)	150.9 (44.2)	168.1 (49.3)	186.5 (54.7)	206.1 (60.4)	226.9 (66.5)	249 (73)	272.2 (79.8)	296.9 (87)	322.8 (94.6)	350 (102.6)
CSE-0350-MD[ ]	167.7 (49.2)	188.8 (55.3)	211.5 (62)	235.9 (69.1)	261.9 (76.8)	289.6 (84.9)	319 (93.5)	350.1 (102.6)	383 (112.3)	417.7 (122.4)	454.1 (133.1)
CSE-0351-MD[ ]	173.1 (50.7)	195.5 (57.3)	219.6 (64.4)	245.6 (72)	273.5 (80.2)	303.4 (88.9)	335.3 (98.3)	369.3 (108.2)	405.4 (118.8)	443.6 (130)	484 (141.9)
CSE-0352-MD[ ]	171.4 (50.2)	193.4 (56.7)	217.1 (63.6)	242.5 (71.1)	269.8 (79.1)	299 (87.6)	330.1 (96.7)	363.2 (106.4)	398.3 (116.7)	435.4 (127.6)	474.5 (139.1)
CSE-0400-MD[ ]	195.4 (57.3)	218.5 (64)	243.2 (71.3)	269.6 (79)	297.7 (87.3)	327.4 (96)	358.9 (105.2)	392.2 (114.9)	427.2 (125.2)	464 (136)	502.5 (147.3)
CSE-0401-MD[ ]	206.3 (60.5)	231.8 (67.9)	259.3 (76)	288.9 (84.7)	320.7 (94)	354.8 (104)	391.1 (114.6)	429.9 (126)	471.1 (138.1)	514.6 (150.8)	560.8 (164.4)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CS Medium Temperature Bitzer Ecoline (Motor 1) with R-454C Electrical, Capacity, and Configuration Data

CS Medium Temperature Bitzer Ecoline (Motor 1) with R-454C AWEF and Electrical Data

Model	Compressor	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CSE-0100-MK[ ]	4TES-12	11310	7.6	42.3	5.4	61.3	100	21.2	2.5	30.5	50
CSE-0101-MDK[ ]	4TES-12	12210	7.6	42.3	10.8	66.7	100	21.2	5	33	50
CSE-0102-MK[ ]	4TES-12	11410	7.6	42.3	5.4	61.3	100	21.2	2.5	30.5	50
CSE-0150-MK[ ]	4NES-20	12210	7.6	57.7	10.8	85.9	125	28.8	5	42.5	70
CSE-0151-MK[ ]	4NES-20	12310	7.6	57.7	10.8	85.9	125	28.8	5	42.5	70
CSE-0152-MK[ ]	4NES-20	12410	7.6	57.7	10.8	85.9	125	28.8	5	42.5	70
CSE-0200-MK[ ]	4JE-22	12210	7.6	61.5	10.8	90.7	150	30.8	5	45	70
CSE-0201-MK[ ]	4JE-22	12310	7.6	61.5	10.8	90.7	150	30.8	5	45	70
CSE-0202-MK[ ]	4JE-22	12410	7.6	61.5	10.8	90.7	150	30.8	5	45	70
CSE-0250-MK[ ]	4HE-25	12310	7.6	75.6	10.8	108.3	175	37.8	5	53.8	90
CSE-0251-MK[ ]	4HE-25	13310	7.6	75.6	16.2	113.7	175	37.8	7.5	56.3	90
CSE-0252-MK[ ]	4HE-25	12410	7.6	75.6	10.8	108.3	175	37.8	5	53.8	90
CSE-0300-MK[ ]	4GE-30	12312	7.6	89.7	10.8	125.9	200	44.9	5	62.6	100
CSE-0301-MK[ ]	4GE-30	13310	7.6	89.7	16.2	131.3	200	44.9	7.5	65.1	110
CSE-0302-MK[ ]	4GE-30	12410	7.6	89.7	10.8	125.9	200	44.9	5	62.6	100
CSE-0350-MK[ ]	6HE-35	13310	7.6	105.1	16.2	150.6	250	52.6	7.5	74.8	125
CSE-0351-MK[ ]	6HE-35	22310	7.6	105.1	21.6	156	250	52.6	10	77.3	125
CSE-0352-MK[ ]	6HE-35	13410	7.6	105.1	16.2	150.6	250	52.6	7.5	74.8	125
CSE-0400-MK[ ]	6GE-40	13310	7.6	141	16.2	195.5	300	70.5	7.5	97.1	150
CSE-0401-MK[ ]	6GE-40	22410	7.6	141	21.6	200.9	300	70.5	10	99.6	150

[ ] Voltage

[C] Listed as 208 VAC value.

CS Medium Temperature Bitzer Ecoline (Motor 1) with R-454C Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CSE-0100-MK[ ]	49.3 (14.4)	56.6 (16.6)	64.6 (18.9)	73.5 (21.5)	83.3 (24.4)	94.1 (27.6)	105.8 (31)	118.5 (34.7)	132.3 (38.8)	147 (43.1)	162.8 (47.7)
CSE-0101-MDK[ ]	51 (14.9)	58.7 (17.2)	67.3 (19.7)	76.8 (22.5)	87.4 (25.6)	99 (29)	111.8 (32.8)	125.7 (36.8)	140.9 (41.3)	157.2 (46.1)	174.9 (51.3)
CSE-0102-MK[ ]	50.3 (14.7)	57.8 (16.9)	66.1 (19.4)	75.4 (22.1)	85.7 (25.1)	96.9 (28.4)	109.3 (32)	122.7 (36)	137.2 (40.2)	152.9 (44.8)	169.7 (49.7)
CSE-0150-MK[ ]	67.6 (19.8)	77.6 (22.7)	88.6 (26)	100.9 (29.6)	114.4 (33.5)	129.2 (37.9)	145.4 (42.6)	163 (47.8)	181.9 (53.3)	202.4 (59.3)	224.3 (65.7)
CSE-0151-MK[ ]	69.8 (20.5)	80.3 (23.5)	92.1 (27)	105.2 (30.8)	119.7 (35.1)	135.7 (39.8)	153.3 (44.9)	172.4 (50.5)	193.3 (56.7)	215.8 (63.2)	240.2 (70.4)
CSE-0152-MK[ ]	70.7 (20.7)	81.5 (23.9)	93.6 (27.4)	107 (31.4)	122 (35.8)	138.5 (40.6)	156.7 (45.9)	176.6 (51.8)	198.3 (58.1)	221.8 (65)	247.3 (72.5)
CSE-0200-MK[ ]	75.4 (22.1)	86.3 (25.3)	98.2 (28.8)	111.4 (32.6)	125.8 (36.9)	141.6 (41.5)	158.7 (46.5)	177.2 (51.9)	197.1 (57.8)	218.4 (64)	241.2 (70.7)
CSE-0201-MK[ ]	78.2 (22.9)	89.7 (26.3)	102.5 (30)	116.6 (34.2)	132.3 (38.8)	149.4 (43.8)	168.1 (49.3)	188.5 (55.2)	210.5 (61.7)	234.3 (68.7)	259.8 (76.1)
CSE-0202-MK[ ]	79.3 (23.2)	91.1 (26.7)	104.3 (30.6)	118.9 (34.8)	135 (39.6)	152.8 (44.8)	172.2 (50.5)	193.4 (56.7)	216.4 (63.4)	241.3 (70.7)	268.2 (78.6)
CSE-0250-MK[ ]	91.4 (26.8)	104.5 (30.6)	118.9 (34.8)	134.9 (39.5)	152.4 (44.7)	171.5 (50.3)	192.3 (56.4)	215 (63)	239.4 (70.2)	265.6 (77.8)	293.7 (86.1)
CSE-0251-MK[ ]	94.5 (27.7)	108.3 (31.7)	123.7 (36.3)	140.8 (41.3)	159.7 (46.8)	180.4 (52.9)	203.2 (59.6)	227.9 (66.8)	254.9 (74.7)	284 (83.2)	315.4 (92.4)
CSE-0252-MK[ ]	93 (27.3)	106.5 (31.2)	121.4 (35.6)	137.9 (40.4)	156.1 (45.8)	176 (51.6)	197.8 (58)	221.6 (64.9)	247.2 (72.5)	274.9 (80.6)	304.7 (89.3)
CSE-0300-MK[ ]	105 (30.8)	119.8 (35.1)	136.2 (39.9)	154.3 (45.2)	174.1 (51)	195.7 (57.4)	219.2 (64.2)	244.7 (71.7)	272.2 (79.8)	301.8 (88.5)	333.3 (97.7)
CSE-0301-MK[ ]	107.8 (31.6)	123.3 (36.1)	140.6 (41.2)	159.6 (46.8)	180.7 (53)	203.8 (59.7)	229 (67.1)	256.5 (75.2)	286.2 (83.9)	318.4 (93.3)	352.9 (103.4)
CSE-0302-MK[ ]	105.8 (31)	120.9 (35.4)	137.5 (40.3)	155.8 (45.7)	176 (51.6)	198.1 (58.1)	222.1 (65.1)	248.2 (72.7)	276.3 (81)	306.6 (89.9)	339 (99.4)
CSE-0350-MK[ ]	134.5 (39.4)	153.7 (45)	175 (51.3)	198.5 (58.2)	224.3 (65.7)	252.6 (74)	283.4 (83.1)	316.8 (92.8)	352.9 (103.4)	391.8 (114.8)	433.5 (127.1)
CSE-0351-MK[ ]	137.8 (40.4)	157.9 (46.3)	180.2 (52.8)	204.9 (60.1)	232.1 (68)	262.1 (76.8)	294.9 (86.4)	330.6 (96.9)	369.4 (108.3)	411.3 (120.5)	456.5 (133.8)
CSE-0352-MK[ ]	136.8 (40.1)	156.6 (45.9)	178.5 (52.3)	202.9 (59.5)	229.7 (67.3)	259.1 (75.9)	291.3 (85.4)	326.3 (95.6)	364.2 (106.7)	405.1 (118.7)	449.2 (131.7)
CSE-0400-MK[ ]	152 (44.5)	173 (50.7)	196.2 (57.5)	221.7 (65)	249.6 (73.2)	279.9 (82)	312.8 (91.7)	348.3 (102.1)	386.5 (113.3)	427.3 (125.2)	470.9 (138)
CSE-0401-MK[ ]	158.4 (46.4)	181.1 (53.1)	206.4 (60.5)	234.3 (68.7)	265 (77.7)	298.7 (87.5)	335.6 (98.4)	375.7 (110.1)	419.1 (122.8)	466 (136.6)	516.4 (151.3)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CS Medium Temperature Bitzer Ecoline (Motor 1) with R-454C Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]										
	0° F (-17.8° C)	5° F (-15° C)	10° F (-12.2° C)	15° F (-9.4° C)	20° F (-6.7° C)	25° F (-3.9° C)	30° F (-1.1° C)	35° F (1.7° C)	40° F (4.4° C)	45° F (7.2° C)	50° F (10° C)
CSE-0100-MK[ ]	43.9 (12.9)	50.5 (14.8)	57.9 (17)	66 (19.3)	75.1 (22)	85 (24.9)	95.9 (28.1)	107.7 (31.6)	120.5 (35.3)	134.4 (39.4)	149.2 (43.7)
CSE-0101-MDK[ ]	45.5 (13.3)	52.5 (15.4)	60.3 (17.7)	69.1 (20.3)	78.8 (23.1)	89.6 (26.3)	101.5 (29.7)	114.4 (33.5)	128.6 (37.7)	144 (42.2)	160.5 (47)
CSE-0102-MK[ ]	44.8 (13.1)	51.7 (15.2)	59.3 (17.4)	67.8 (19.9)	77.2 (22.6)	87.7 (25.7)	99.1 (29)	111.6 (32.7)	125.2 (36.7)	139.9 (41)	155.7 (45.6)
CSE-0150-MK[ ]	60.3 (17.7)	69.3 (20.3)	79.4 (23.3)	90.7 (26.6)	103.1 (30.2)	116.8 (34.2)	131.8 (38.6)	148.2 (43.4)	165.9 (48.6)	185 (54.2)	205.6 (60.3)
CSE-0151-MK[ ]	62.3 (18.3)	71.9 (21.1)	82.6 (24.2)	94.7 (27.8)	108 (31.7)	122.8 (36)	139.1 (40.8)	157 (46)	176.5 (51.7)	197.7 (57.9)	220.6 (64.7)
CSE-0152-MK[ ]	63.2 (18.5)	73 (21.4)	84 (24.6)	96.4 (28.3)	110.2 (32.3)	125.5 (36.8)	142.4 (41.7)	160.9 (47.2)	181.2 (53.1)	203.3 (59.6)	227.2 (66.6)
CSE-0200-MK[ ]	67.2 (19.7)	77 (22.6)	88 (25.8)	100.1 (29.3)	113.4 (33.2)	127.9 (37.5)	143.8 (42.1)	161 (47.2)	179.6 (52.6)	199.6 (58.5)	221 (64.8)
CSE-0201-MK[ ]	69.8 (20.5)	80.3 (23.5)	92 (27)	105 (30.8)	119.4 (35)	135.3 (39.7)	152.7 (44.8)	171.7 (50.3)	192.3 (56.4)	214.6 (62.9)	238.7 (70)
CSE-0202-MK[ ]	70.9 (20.8)	81.7 (23.9)	93.7 (27.5)	107.2 (31.4)	122.1 (35.8)	138.5 (40.6)	156.6 (45.9)	176.4 (51.7)	197.9 (58)	221.3 (64.9)	246.6 (72.3)
CSE-0250-MK[ ]	81.8 (24)	93.7 (27.5)	106.9 (31.3)	121.5 (35.6)	137.6 (40.3)	155.3 (45.5)	174.6 (51.2)	195.6 (57.3)	218.4 (64)	242.9 (71.2)	269.3 (78.9)
CSE-0251-MK[ ]	84.7 (24.8)	97.4 (28.5)	111.5 (32.7)	127.1 (37.3)	144.5 (42.4)	163.7 (48)	184.8 (54.2)	207.9 (60.9)	233.1 (68.3)	260.4 (76.3)	289.9 (85)
CSE-0252-MK[ ]	83.3 (24.4)	95.6 (28)	109.2 (32)	124.4 (36.5)	141.1 (41.4)	159.6 (46.8)	179.8 (52.7)	201.9 (59.2)	225.9 (66.2)	251.8 (73.8)	279.7 (82)
CSE-0300-MK[ ]	94 (27.5)	107.4 (31.5)	122.3 (35.8)	138.8 (40.7)	157 (46)	176.9 (51.8)	198.6 (58.2)	222.2 (65.1)	247.8 (72.6)	275.3 (80.7)	304.9 (89.4)
CSE-0301-MK[ ]	96.6 (28.3)	110.7 (32.4)	126.5 (37.1)	143.9 (42.2)	163.3 (47.9)	184.6 (54.1)	207.9 (60.9)	233.4 (68.4)	261.1 (76.5)	291.2 (85.3)	323.5 (94.8)
CSE-0302-MK[ ]	94.7 (27.8)	108.4 (31.8)	123.5 (36.2)	140.3 (41.1)	158.8 (46.5)	179.1 (52.5)	201.3 (59)	225.5 (66.1)	251.7 (73.8)	279.9 (82)	310.3 (90.9)
CSE-0350-MK[ ]	120.4 (35.3)	138 (40.4)	157.4 (46.1)	179 (52.5)	202.8 (59.4)	229 (67.1)	257.6 (75.5)	288.7 (84.6)	322.5 (94.5)	358.9 (105.2)	398 (116.6)
CSE-0351-MK[ ]	123.6 (36.2)	141.9 (41.6)	162.4 (47.6)	185.1 (54.2)	210.2 (61.6)	238 (69.8)	268.5 (78.7)	301.8 (88.5)	338.1 (99.1)	377.4 (110.6)	419.9 (123.1)
CSE-0352-MK[ ]	122.6 (35.9)	140.7 (41.2)	160.8 (47.1)	183.2 (53.7)	207.9 (60.9)	235.1 (68.9)	265 (77.7)	297.7 (87.3)	333.1 (97.6)	371.5 (108.9)	412.9 (121)
CSE-0400-MK[ ]	136.1 (39.9)	155.3 (45.5)	176.4 (51.7)	199.7 (58.5)	225.2 (66)	253.1 (74.2)	283.4 (83.1)	316.2 (92.7)	351.7 (103.1)	389.7 (114.2)	430.3 (126.1)
CSE-0401-MK[ ]	142.4 (41.7)	163 (47.8)	186.1 (54.5)	211.6 (62)	239.8 (70.3)	270.8 (79.4)	304.9 (89.4)	342 (100.2)	382.4 (112.1)	426.1 (124.9)	473.2 (138.7)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

CS Low Temperature Bitzer Ecoline (Motor 1) with R-454A Electrical, Capacity, and Configuration Data

CS Low Temperature Bitzer Ecoline (Motor 1) with R-454A AWEF and Electrical Data

Model	Compressor	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CSE-0150-LD[ ]	4HE-25	11410	3.15	75.6	5.4	102.9	175	37.8	2.5	51.3	80
CSE-0151-LD[ ]	4HE-25	12210	3.15	75.6	10.8	108.3	175	37.8	5	53.8	90
CSE-0220-LD[ ]	4GE-30	12210	3.15	89.7	10.8	125.9	200	44.9	5	62.6	100
CSE-0221-LD[ ]	4GE-30	12310	3.15	89.7	10.8	125.9	200	44.9	5	62.6	100
CSE-0222-LD[ ]	4GE-30	12410	3.15	89.7	10.8	125.9	200	44.9	5	62.6	100
CSE-0270-LD[ ]	6HE-35	12310	3.15	105.1	10.8	145.2	250	52.6	5	72.3	110
CSE-0271-LD[ ]	6HE-35	13210	3.15	105.1	16.2	150.6	250	52.6	7.5	74.8	125
CSE-0272-LD[ ]	6HE-35	12410	3.15	105.1	10.8	145.2	250	52.6	5	72.3	110
CSE-0300-LD[ ]	6GE-40	12310	3.15	141	10.8	190.1	300	70.5	5	94.6	150
CSE-0301-LD[ ]	6GE-40	13310	N/A	141	16.2	195.5	300	70.5	7.5	97.1	150
CSE-0302-LD[ ]	6GE-40	12410	3.15	141	10.8	190.1	300	70.5	5	94.6	150

CS Low Temperature Bitzer Ecoline (Motor 1) with R-454A Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CSE-0150-LD[ ]	35.9 (10.5)	44 (12.9)	52.7 (15.4)	61.8 (18.1)	71.6 (21)	81.9 (24)	93 (27.3)	104.7 (30.7)	117.1 (34.3)
CSE-0151-LD[ ]	36.5 (10.7)	44.8 (13.1)	53.7 (15.7)	63.1 (18.5)	73.1 (21.4)	83.8 (24.6)	95.3 (27.9)	107.5 (31.5)	120.6 (35.3)
CSE-0220-LD[ ]	42.9 (12.6)	52.5 (15.4)	62.7 (18.4)	73.4 (21.5)	84.8 (24.9)	96.8 (28.4)	109.5 (32.1)	123 (36)	137.3 (40.2)
CSE-0221-LD[ ]	44.4 (13)	54.4 (15.9)	65 (19.1)	76.3 (22.4)	88.4 (25.9)	101.3 (29.7)	115 (33.7)	129.8 (38)	145.5 (42.6)
CSE-0222-LD[ ]	45 (13.2)	55.2 (16.2)	66 (19.3)	77.6 (22.7)	89.9 (26.3)	103.2 (30.2)	117.4 (34.4)	132.7 (38.9)	149.1 (43.7)
CSE-0270-LD[ ]	52.8 (15.5)	64.4 (18.9)	77 (22.6)	90.5 (26.5)	105 (30.8)	120.7 (35.4)	137.6 (40.3)	155.7 (45.6)	175 (51.3)
CSE-0271-LD[ ]	53.1 (15.6)	64.8 (19)	77.4 (22.7)	91.1 (26.7)	105.8 (31)	121.7 (35.7)	138.8 (40.7)	157.2 (46.1)	176.9 (51.8)
CSE-0272-LD[ ]	53.7 (15.7)	65.6 (19.2)	78.4 (23)	92.3 (27.1)	107.4 (31.5)	123.7 (36.3)	141.3 (41.4)	160.2 (47)	180.6 (52.9)
CSE-0300-LD[ ]	66.3 (19.4)	79.5 (23.3)	93.6 (27.4)	108.8 (31.9)	125 (36.6)	142.3 (41.7)	160.8 (47.1)	180.5 (52.9)	201.4 (59)
CSE-0301-LD[ ]	68.5 (20.1)	82.4 (24.2)	97.4 (28.5)	113.6 (33.3)	131 (38.4)	149.9 (43.9)	170.2 (49.9)	192.1 (56.3)	215.6 (63.2)
CSE-0302-LD[ ]	67.4 (19.8)	81 (23.7)	95.6 (28)	111.2 (32.6)	128.1 (37.5)	146.2 (42.8)	165.6 (48.5)	186.4 (54.6)	208.6 (61.1)

[ ] Voltage

[C] Listed as 208 VAC value.

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CS Low Temperature Bitzer Ecoline (Motor 1) with R-454A Capacity at 105° F (40.6° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CSE-0150-LD[ ]	30.2 (8.9)	37.9 (11.1)	46 (13.5)	54.6 (16)	63.6 (18.6)	73.1 (21.4)	83.3 (24.4)	94 (27.5)	105.3 (30.9)
CSE-0151-LD[ ]	30.8 (9)	38.7 (11.3)	47 (13.8)	55.7 (16.3)	65 (19.1)	75 (22)	85.5 (25.1)	96.7 (28.3)	108.7 (31.9)
CSE-0220-LD[ ]	36.1 (10.6)	45.3 (13.3)	54.9 (16.1)	64.9 (19)	75.4 (22.1)	86.5 (25.4)	98.1 (28.8)	110.5 (32.4)	123.5 (36.2)
CSE-0221-LD[ ]	37.5 (11)	47.1 (13.8)	57.1 (16.7)	67.7 (19.8)	78.9 (23.1)	90.8 (26.6)	103.5 (30.3)	117 (34.3)	131.4 (38.5)
CSE-0222-LD[ ]	38.1 (11.2)	47.8 (14)	58.1 (17)	68.9 (20.2)	80.4 (23.6)	92.6 (27.1)	105.8 (31)	119.8 (35.1)	134.8 (39.5)
CSE-0270-LD[ ]	45.5 (13.3)	56.2 (16.5)	67.7 (19.8)	80.1 (23.5)	93.4 (27.4)	107.7 (31.6)	123.1 (36.1)	139.7 (40.9)	157.3 (46.1)
CSE-0271-LD[ ]	45.7 (13.4)	56.5 (16.6)	68.2 (20)	80.7 (23.7)	94.1 (27.6)	108.7 (31.9)	124.3 (36.4)	141.1 (41.4)	159.1 (46.6)
CSE-0272-LD[ ]	46.2 (13.5)	57.2 (16.8)	69 (20.2)	81.8 (24)	95.6 (28)	110.5 (32.4)	126.6 (37.1)	143.9 (42.2)	162.6 (47.7)
CSE-0300-LD[ ]	58.4 (17.1)	70.7 (20.7)	83.7 (24.5)	97.5 (28.6)	112.3 (32.9)	128 (37.5)	144.8 (42.4)	162.7 (47.7)	181.8 (53.3)
CSE-0301-LD[ ]	60.4 (17.7)	73.3 (21.5)	87.1 (25.5)	102 (29.9)	118 (34.6)	135.2 (39.6)	153.8 (45.1)	173.9 (51)	195.4 (57.3)
CSE-0302-LD[ ]	59.5 (17.4)	72 (21.1)	85.4 (25)	99.8 (29.2)	115.2 (33.8)	131.7 (38.6)	149.4 (43.8)	168.4 (49.4)	188.7 (55.3)

[ ] Voltage

[E] All temperatures shown reflect the midpoint evaporator temperature.

CS Low Temperature Copeland Discus with R-454C Electrical, Capacity, and Configuration Data

CS Low Temperature Bitzer Ecoline (Motor 1) with R-454C AWEF and Electrical Data

Model	Compressor	Condenser	Outdoor AWEF	208–230/3/60[C]				460/3/60			
				Comp RLA	Cond FLA	MCA	MOPD	Comp RLA	Cond FLA	MCA	MOPD
CSE-0150-LK[ ]	4HE-25	11410	3.15	75.6	5.4	102.9	175	37.8	2.5	51.3	80
CSE-0151-LK[ ]	4HE-25	12210	N/A	75.6	10.8	108.3	175	37.8	5	53.8	90
CSE-0220-LK[ ]	4GE-30	12210	N/A	89.7	10.8	125.9	200	44.9	5	62.6	100
CSE-0221-LK[ ]	4GE-30	12310	N/A	89.7	10.8	125.9	200	44.9	5	62.6	100
CSE-0222-LK[ ]	4GE-30	12410	N/A	89.7	10.8	125.9	200	44.9	5	62.6	100
CSE-0270-LK[ ]	6HE-35	12310	N/A	105.1	10.8	145.2	250	52.6	5	72.3	110
CSE-0271-LK[ ]	6HE-35	13210	N/A	105.1	16.2	150.6	250	52.6	7.5	74.8	125
CSE-0272-LK[ ]	6HE-35	12410	N/A	105.1	10.8	145.2	250	52.6	5	72.3	110
CSE-0300-LK[ ]	6GE-40	12310	N/A	141	10.8	190.1	300	70.5	5	94.6	150
CSE-0301-LK[ ]	6GE-40	13310	N/A	141	16.2	195.5	300	70.5	7.5	97.1	150
CSE-0302-LK[ ]	6GE-40	12410	N/A	141	10.8	190.1	300	70.5	5	94.6	150

CS Low Temperature Bitzer Ecoline (Motor 1) with R-454C Capacity at 95° F (35° C) Ambient Temperature

Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CSE-0150-LK[ ]	23.1 (6.8)	29 (8.5)	35.2 (10.3)	41.8 (12.3)	49 (14.4)	56.9 (16.7)	65.6 (19.2)	75.1 (22)	85.7 (25.1)
CSE-0151-LK[ ]	23.4 (6.9)	29.3 (8.6)	35.6 (10.4)	42.4 (12.4)	49.8 (14.6)	57.9 (17)	66.9 (19.6)	76.8 (22.5)	87.8 (25.7)
CSE-0220-LK[ ]	27.1 (7.9)	33.9 (9.9)	41 (12)	48.6 (14.2)	56.9 (16.7)	66 (19.3)	76 (22.3)	86.9 (25.5)	99 (29)
CSE-0221-LK[ ]	27.7 (8.1)	34.6 (10.1)	42 (12.3)	50 (14.7)	58.7 (17.2)	68.3 (20)	78.9 (23.1)	90.7 (26.6)	103.8 (30.4)
CSE-0222-LK[ ]	27.9 (8.2)	35 (10.3)	42.4 (12.4)	50.6 (14.8)	59.4 (17.4)	69.3 (20.3)	80.2 (23.5)	92.3 (27.1)	105.8 (31)
CSE-0270-LK[ ]	34.4 (10.1)	43.1 (12.6)	52.2 (15.3)	62.1 (18.2)	72.9 (21.4)	84.7 (24.8)	97.7 (28.6)	112.2 (32.9)	128.2 (37.6)
CSE-0271-LK[ ]	34.5 (10.1)	43.2 (12.7)	52.5 (15.4)	62.4 (18.3)	73.3 (21.5)	85.2 (25)	98.4 (28.8)	113.1 (33.1)	129.2 (37.9)
CSE-0272-LK[ ]	34.8 (10.2)	43.6 (12.8)	53 (15.5)	63 (18.5)	74.1 (21.7)	86.3 (25.3)	99.8 (29.2)	114.8 (33.6)	131.4 (38.5)
CSE-0300-LK[ ]	39.8 (11.7)	49.6 (14.5)	60 (17.6)	71.1 (20.8)	83.1 (24.4)	96.2 (28.2)	110.6 (32.4)	126.4 (37)	143.8 (42.1)
CSE-0301-LK[ ]	40.9 (12)	51 (14.9)	61.8 (18.1)	73.4 (21.5)	86.2 (25.3)	100.2 (29.4)	115.7 (33.9)	132.9 (39)	152 (44.5)
CSE-0302-LK[ ]	40.4 (11.8)	50.3 (14.7)	60.9 (17.8)	72.3 (21.2)	84.7 (24.8)	98.3 (28.8)	113.2 (33.2)	129.7 (38)	148 (43.4)

[ ] Voltage

[C] Listed as 208 VAC value.

[E] All temperatures shown reflect the midpoint evaporator temperature.

C-Series A2L

Specifications

CS Low Temperature Bitzer Ecoline (Motor 1) with R-454C Capacity at 105° F (40.6° C) Ambient Temperature

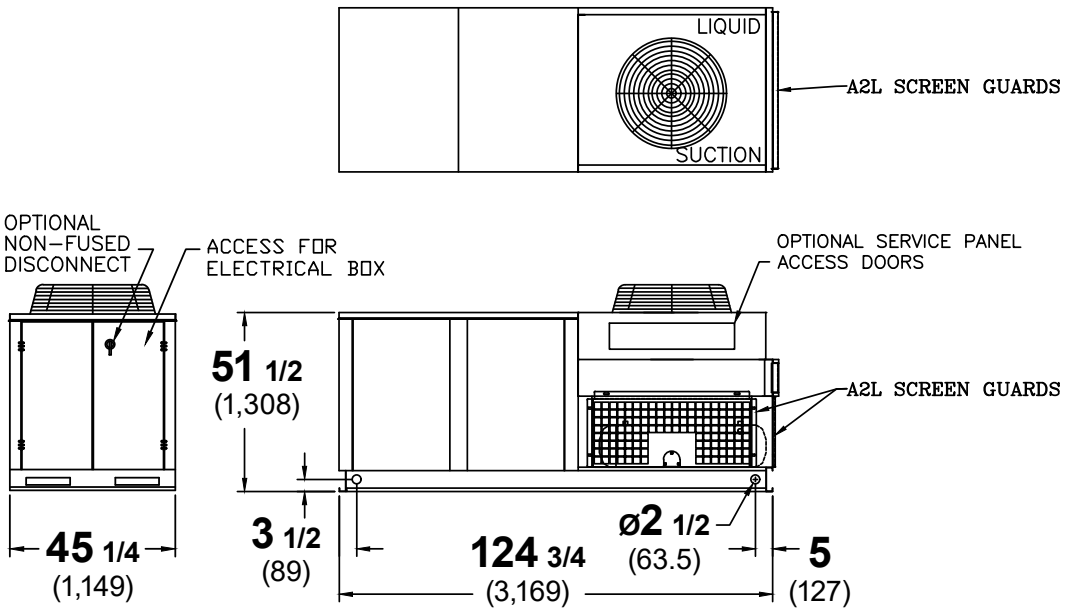
Model	MBH (kW)[E]								
	-40° F (-40° C)	-35° F (-37.2° C)	-30° F (-34.4° C)	-25° F (-31.7° C)	-20° F (-28.9° C)	-15° F (-26.1° C)	-10° F (-23.3° C)	-5° F (-20.6° C)	0° F (-17.8° C)
CSE-0150-LK[ ]	19.6 (5.7)	25 (7.3)	30.7 (9)	36.7 (10.8)	43.2 (12.7)	50.3 (14.7)	58.1 (17)	66.7 (19.5)	76.3 (22.4)
CSE-0151-LK[ ]	19.9 (5.8)	25.4 (7.4)	31.2 (9.1)	37.3 (10.9)	44 (12.9)	51.3 (15)	59.4 (17.4)	68.3 (20)	78.3 (22.9)
CSE-0220-LK[ ]	23.2 (6.8)	29.5 (8.6)	36 (10.6)	42.9 (12.6)	50.4 (14.8)	58.5 (17.1)	67.4 (19.8)	77.3 (22.7)	88.2 (25.8)
CSE-0221-LK[ ]	23.8 (7)	30.3 (8.9)	37 (10.8)	44.3 (13)	52.1 (15.3)	60.7 (17.8)	70.3 (20.6)	80.9 (23.7)	92.8 (27.2)
CSE-0222-LK[ ]	24 (7)	30.6 (9)	37.5 (11)	44.8 (13.1)	52.9 (15.5)	61.7 (18.1)	71.5 (21)	82.5 (24.2)	94.7 (27.8)
CSE-0270-LK[ ]	29.1 (8.5)	37.2 (10.9)	45.6 (13.4)	54.6 (16)	64.3 (18.8)	75 (22)	86.8 (25.4)	99.9 (29.3)	114.3 (33.5)
CSE-0271-LK[ ]	29.3 (8.6)	37.4 (11)	45.9 (13.5)	54.9 (16.1)	64.7 (19)	75.5 (22.1)	87.5 (25.6)	100.7 (29.5)	115.4 (33.8)
CSE-0272-LK[ ]	29.6 (8.7)	37.7 (11)	46.3 (13.6)	55.5 (16.3)	65.5 (19.2)	76.6 (22.5)	88.8 (26)	102.4 (30)	117.5 (34.4)
CSE-0300-LK[ ]	33.4 (9.8)	42.7 (12.5)	52.3 (15.3)	62.5 (18.3)	73.4 (21.5)	85.3 (25)	98.3 (28.8)	112.6 (33)	128.3 (37.6)
CSE-0301-LK[ ]	34.6 (10.1)	44.2 (13)	54.2 (15.9)	64.9 (19)	76.5 (22.4)	89.3 (26.2)	103.3 (30.3)	118.9 (34.8)	136.1 (39.9)
CSE-0302-LK[ ]	34 (10)	43.5 (12.7)	53.3 (15.6)	63.7 (18.7)	75 (22)	87.3 (25.6)	100.9 (29.6)	115.8 (33.9)	132.3 (38.8)

[ ] Voltage

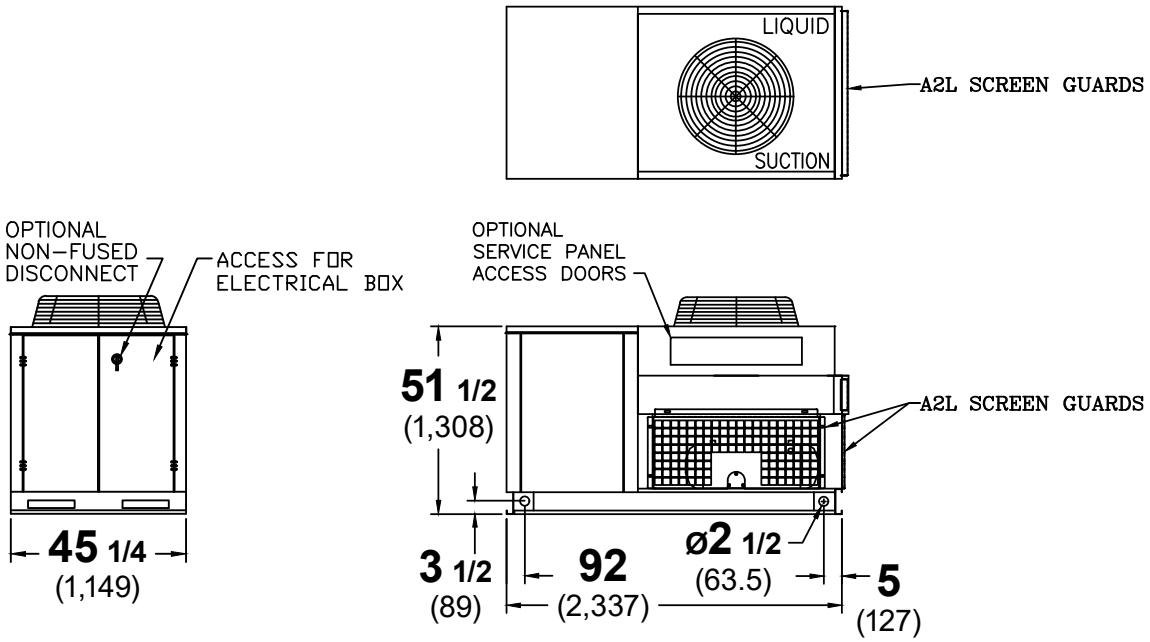
[E] All temperatures shown reflect the midpoint evaporator temperature.

Dimensional Views

CD-11 and CP-11



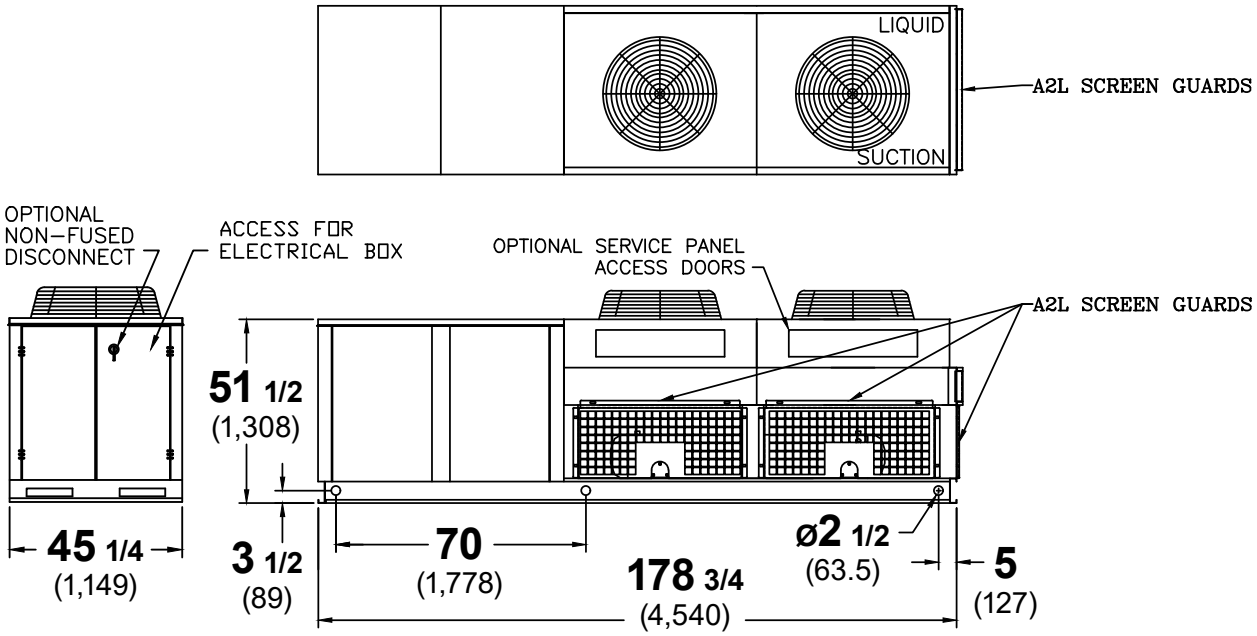
CS-11



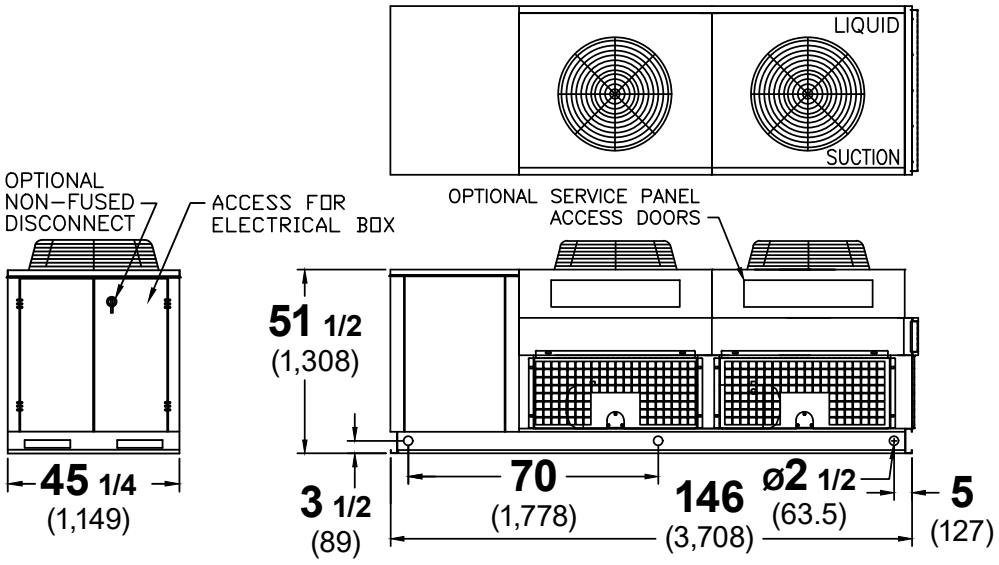
C-Series A2L

Dimensional Drawings

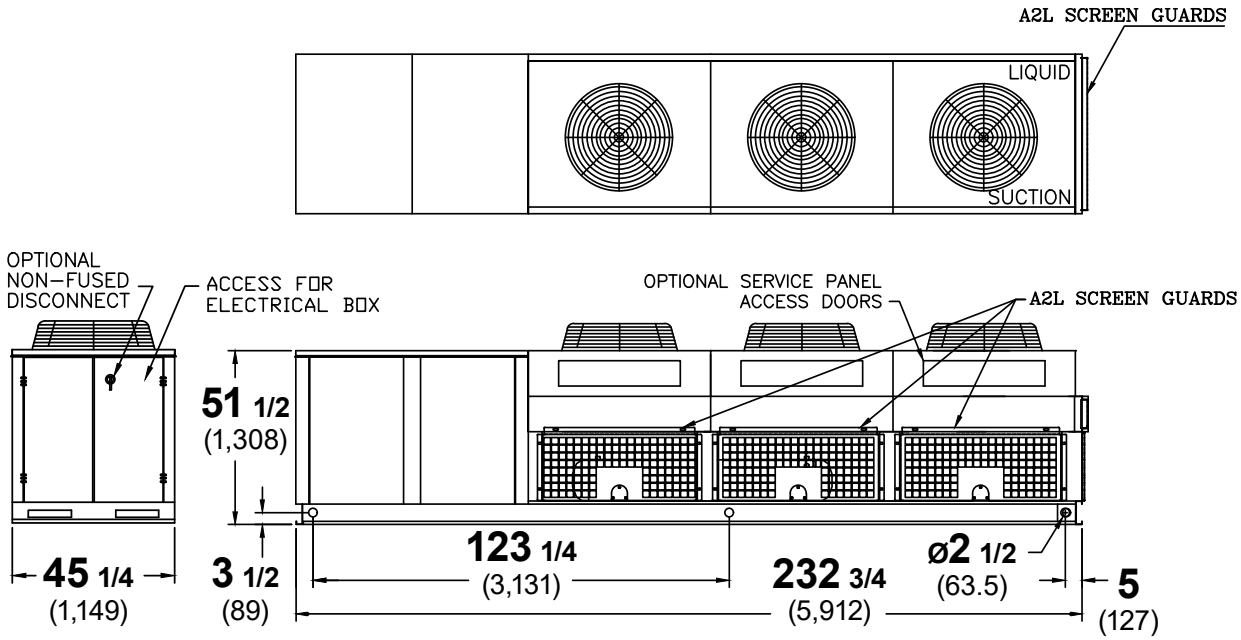
CD-12 and CP-12



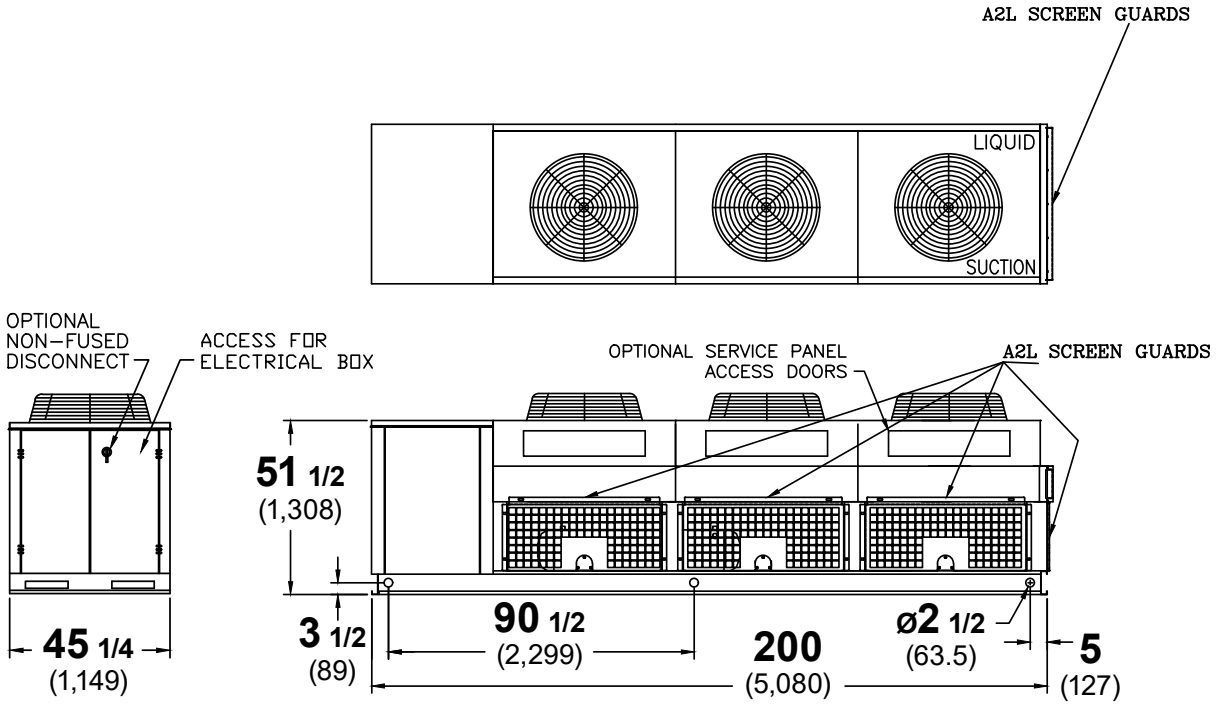
CS-12



CD-13 and CP-13



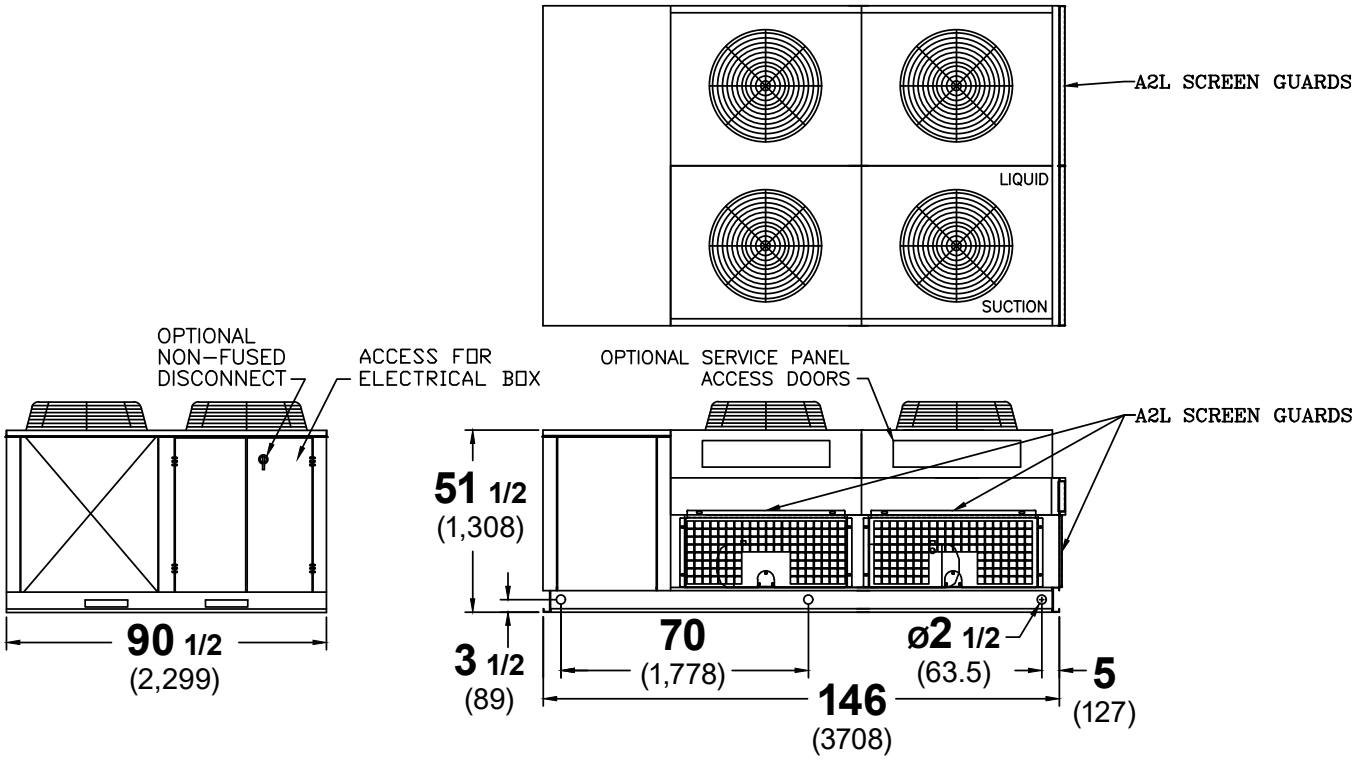
CS-13



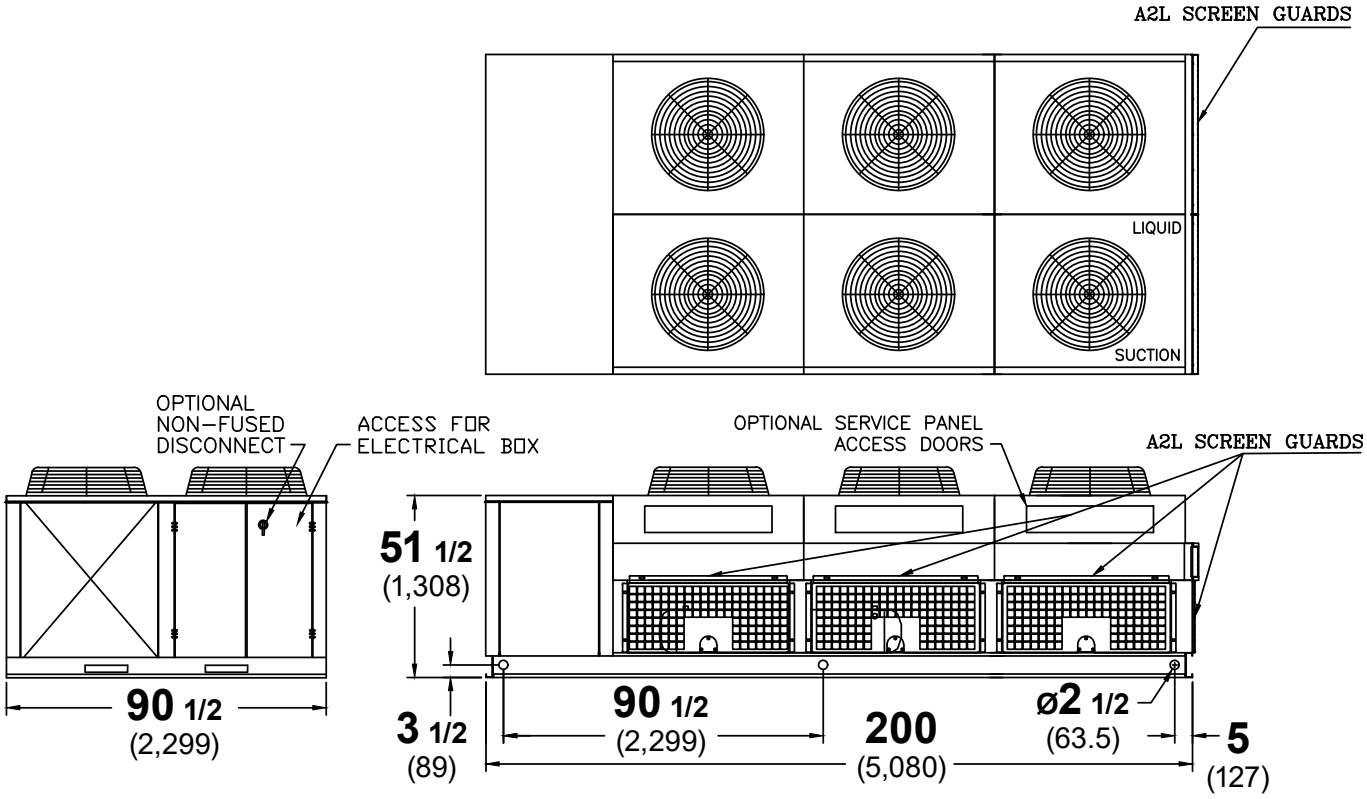
C-Series A2L

Dimensional Drawings

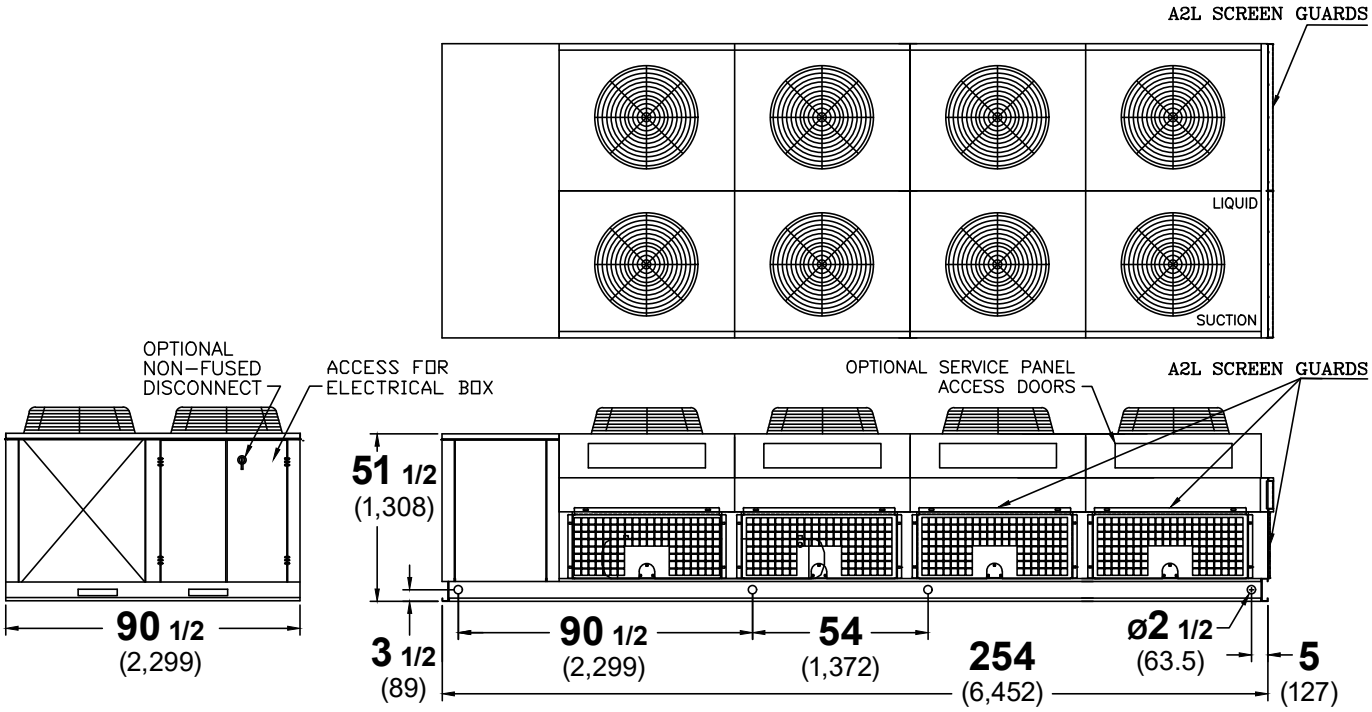
CD-22, CP-22, and CS-22



CD-23 and CP-23



CD-24 and CP-24

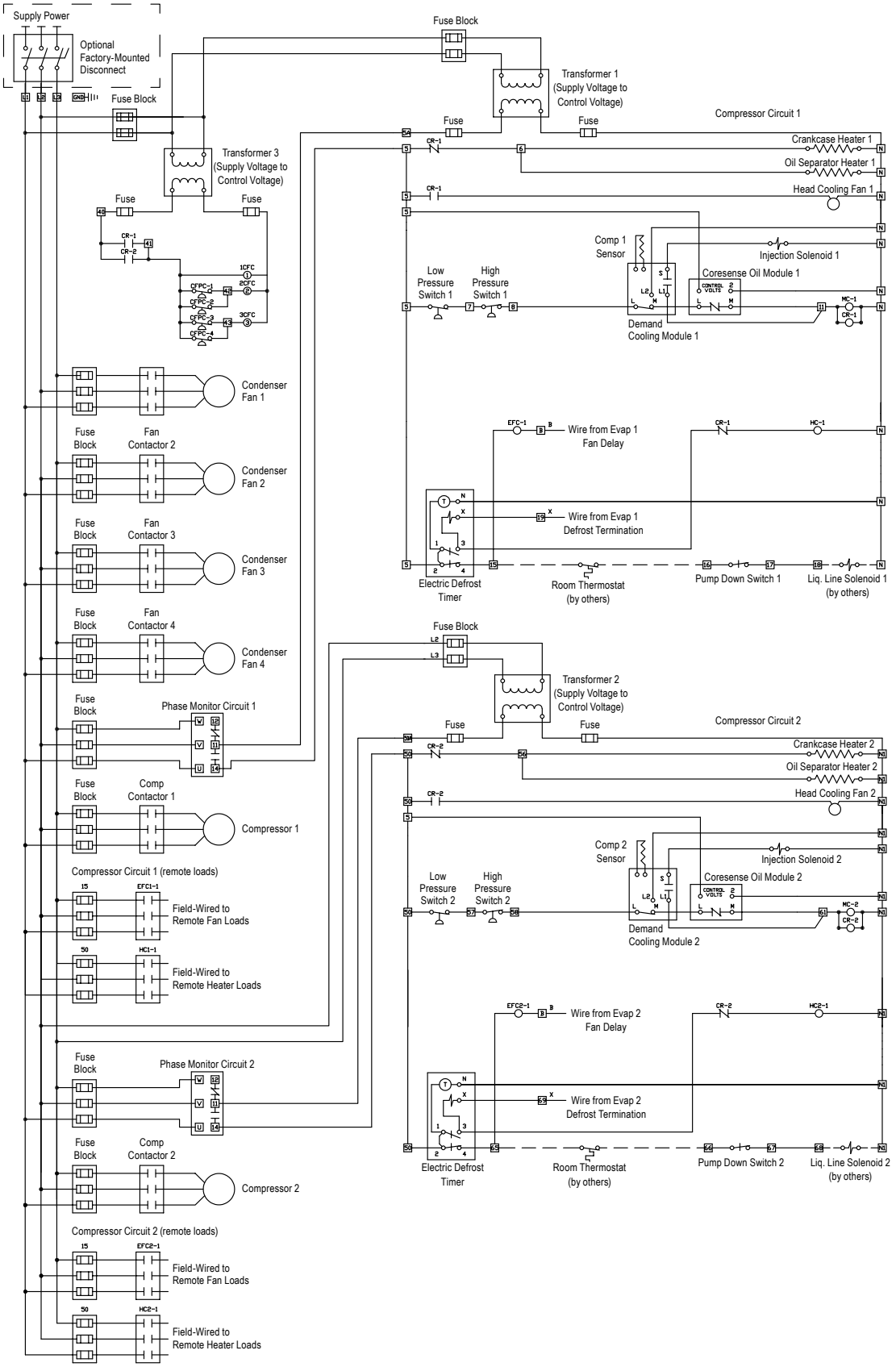


Wiring Diagrams

Example diagrams are provided, but do not represent every possible option. Examples show 460 VAC input voltage with optional equipment such as Copeland compressor(s), unloader, demand cooling, oil separator, 115 VAC control circuit, etc. Always consult the wiring diagrams provided with the equipment being worked on for the most accurate information.

Equipment-specific wiring diagrams are included with the equipment from the factory and must remain with the unit after installation for future use—do not discard.

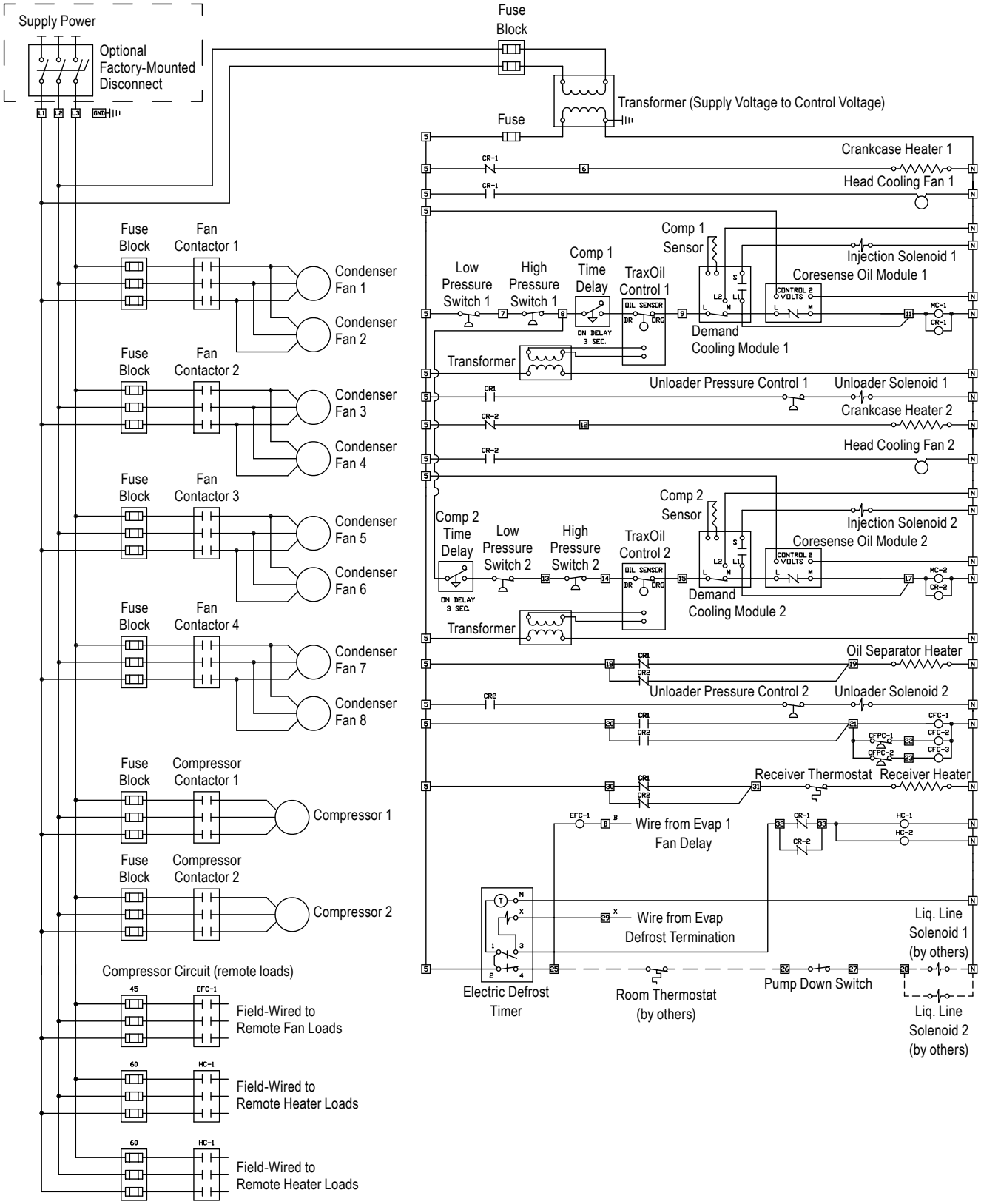
CD Wiring


Supply Power
Optional Factory-Mounted Disconnect
Fuse Block
Transformer 1 (Supply Voltage to Control Voltage)
Transformer 3 (Supply Voltage to Control Voltage)
Transformer 2 (Supply Voltage to Control Voltage)
Fuse
Compressor Circuit 1
Crankcase Heater 1
Oil Separator Heater 1
Head Cooling Fan 1
Comp 1 Sensor
Injection Solenoid 1
Coresense Oil Module 1
Low Pressure Switch 1
High Pressure Switch 1
Demand Cooling Module 1
Condenser Fan 1
Condenser Fan 2
Condenser Fan 3
Condenser Fan 4
Fan Contactor 2
Fan Contactor 3
Fan Contactor 4
Wire from Evap 1 Fan Delay
Wire from Evap 1 Defrost Termination
Electric Defrost Timer
Room Thermostat (by others)
Pump Down Switch 1
Liq. Line Solenoid 1 (by others)
Phase Monitor Circuit 1
Comp Contactor 1
Compressor 1
Compressor Circuit 1 (remote loads)
Field-Wired to Remote Fan Loads
Field-Wired to Remote Heater Loads
Compressor Circuit 2
Crankcase Heater 2
Oil Separator Heater 2
Head Cooling Fan 2
Comp 2 Sensor
Injection Solenoid 2
Coresense Oil Module 2
Low Pressure Switch 2
High Pressure Switch 2
Demand Cooling Module 2
Wire from Evap 2 Fan Delay
Wire from Evap 2 Defrost Termination
Electric Defrost Timer
Room Thermostat (by others)
Pump Down Switch 2
Liq. Line Solenoid 2 (by others)
Phase Monitor Circuit 2
Comp Contactor 2
Compressor 2
Compressor Circuit 2 (remote loads)
Field-Wired to Remote Fan Loads
Field-Wired to Remote Heater Loads

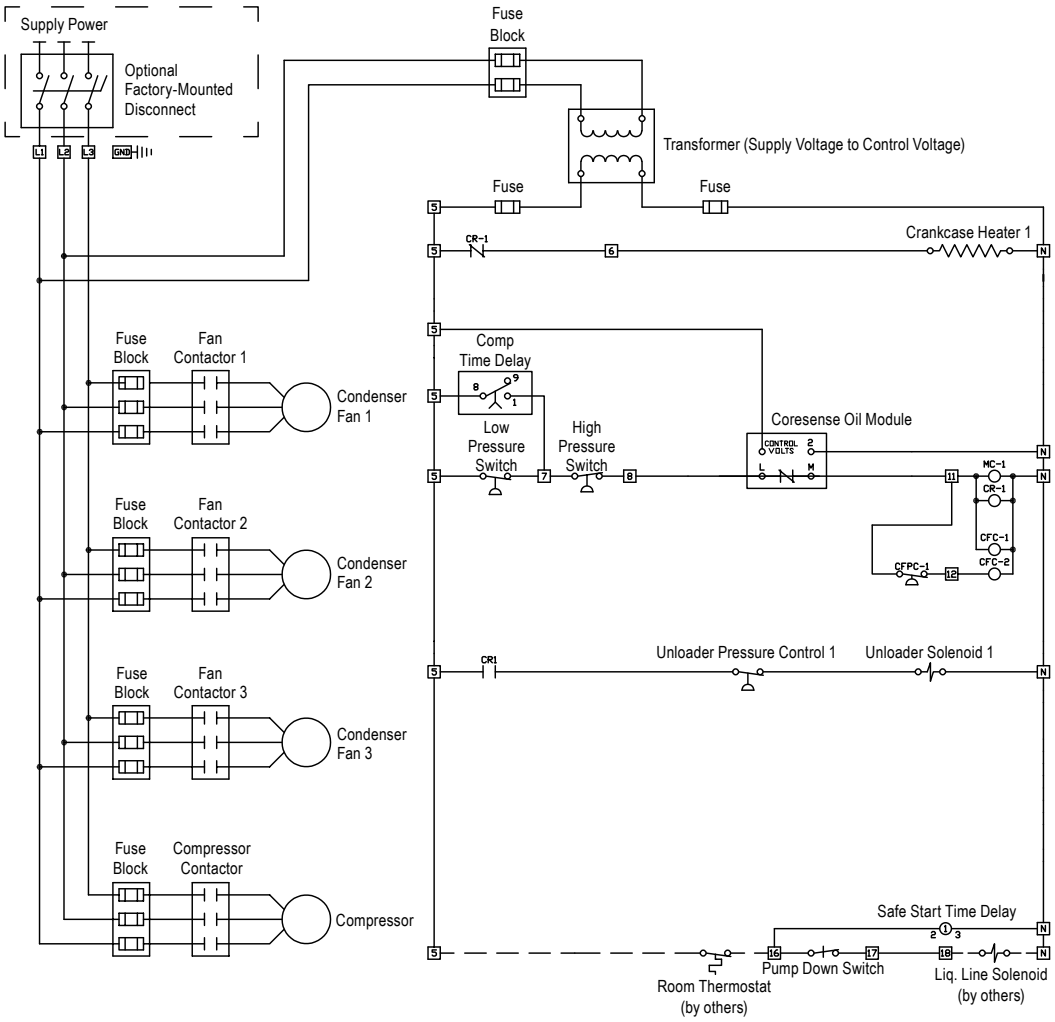
C-Series A2L

Wiring Diagrams

CP Wiring



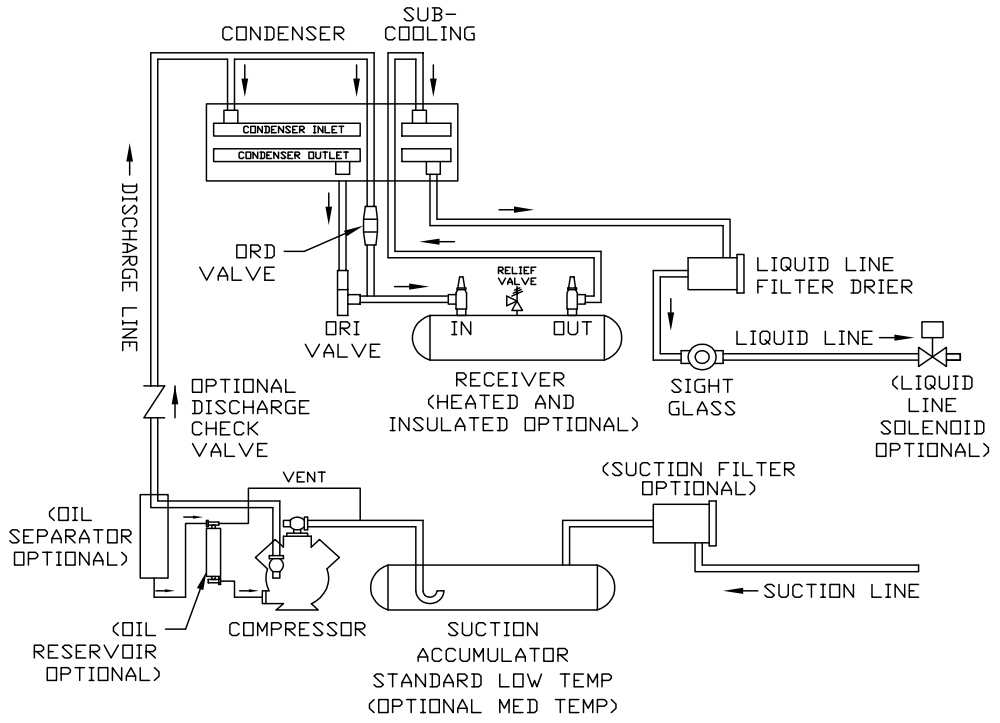
CS Wiring


Supply Power
Optional
Factory-Mounted
Disconnect
L1
L2
L3
GND
Fuse
Block
Transformer (Supply Voltage to Control Voltage)
Fuse
Fuse
Crankcase Heater 1
CR-1
Fuse
Block
Fan
Contactor 1
Condenser
Fan 1
Comp
Time Delay
Low
Pressure
Switch
High
Pressure
Switch
Coresense Oil Module
CONTROL VOLTS
MC-1
CR-1
CFC-1
CFC-2
CFPC-1
Fuse
Block
Fan
Contactor 2
Condenser
Fan 2
CR1
Unloader Pressure Control 1
Unloader Solenoid 1
Fuse
Block
Fan
Contactor 3
Condenser
Fan 3
Fuse
Block
Compressor
Contactor
Compressor
Safe Start Time Delay
Room Thermostat
(by others)
Pump Down Switch
Liq. Line Solenoid
(by others)

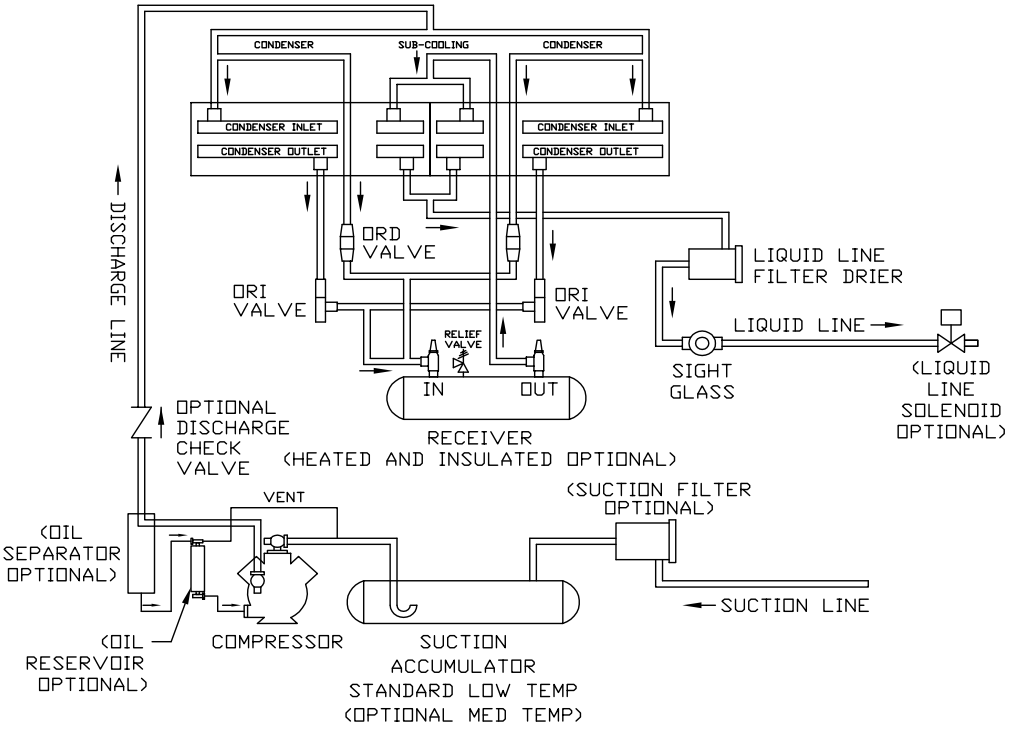
System Piping Diagram

CD Unit and CS Single Row Unit

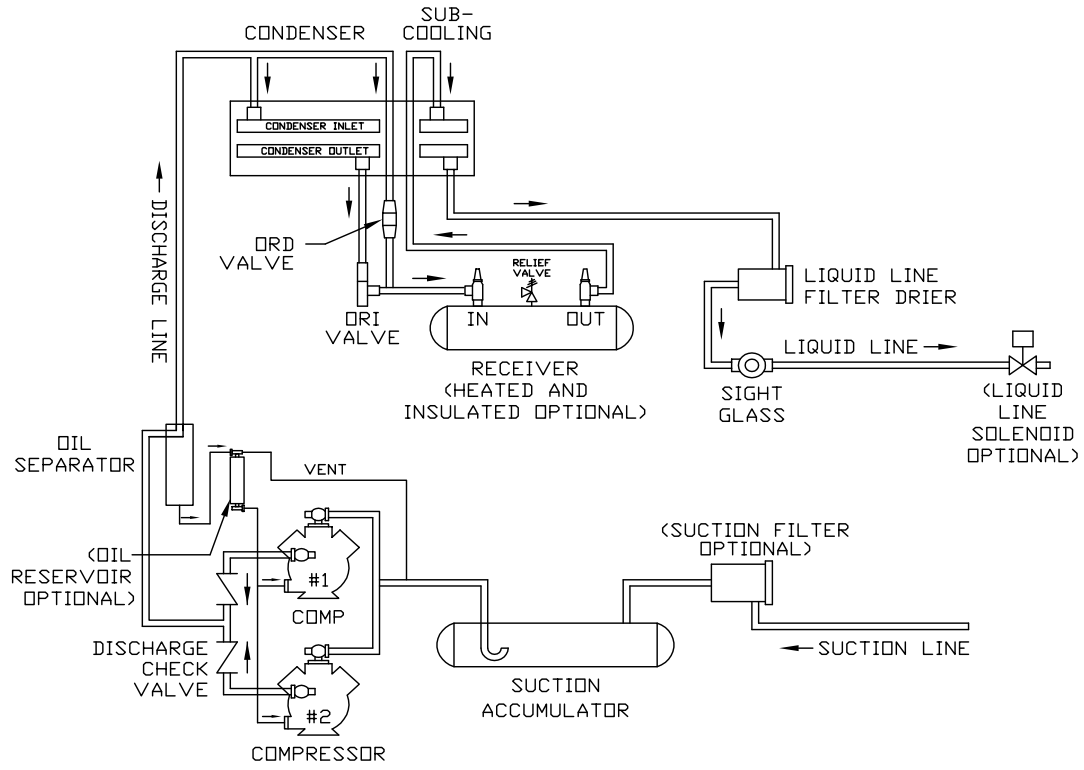
CD units will have two of these circuits.



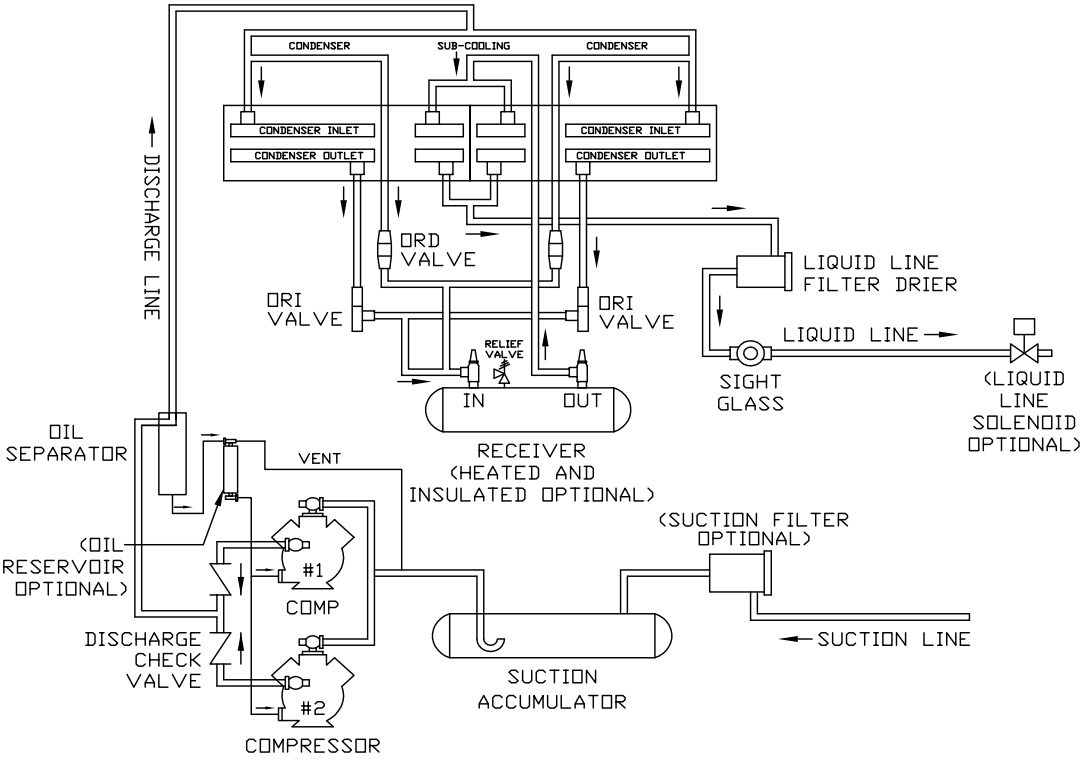
CS Double Row Unit



CP Single Row Unit



CP Double Row Unit



3262994 Revision History

Revision A: (November 2026) Initial release.
Revision B: (November 2026) Added additional condenser and configuration callouts.

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Scan the QR code on your mobile device to access additional product information or order parts using your unit's serial number.

Parts may also be ordered at:
parts.hussmann.com
Call toll free: 1.855.487.7778

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