

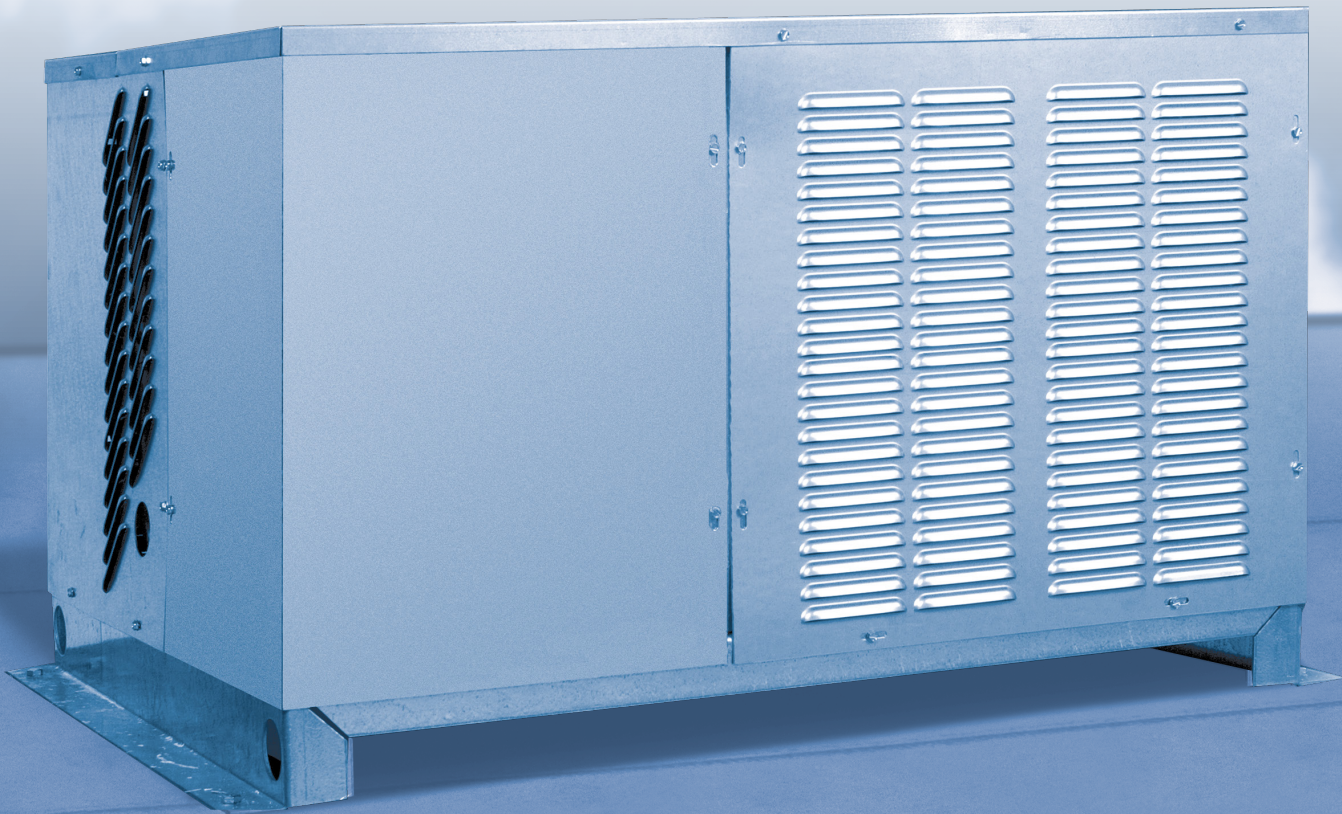


These refrigeration systems are not intended for use in Walk-In Coolers or Freezers where US Department of Energy (DOE) or Natural Resources Canada (NRCAN) efficiency requirements apply. SEE KRACK.COM FOR DETAILS.

H-Series

LEGACY CONDENSING UNITS

Technical Bulletin: HSCU_Legacy_011_051722



Products that provide lasting solutions.

H-Series Legacy Condensing Units

Table of Contents

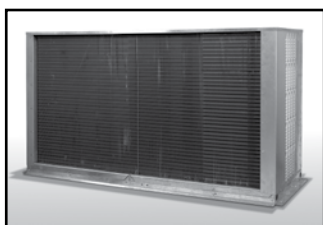


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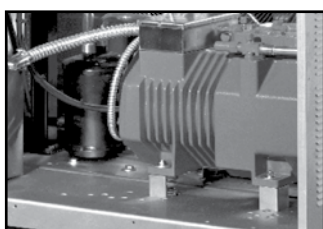
H-SERIES CONDENSING UNITS



- Easier electrical access -



- Improved condenser coil -



- Wide range of compressor -

Standard and Optional Features	2
Model Key	3
Cabinet and Receiver Sizes	3
HTSZ Copeland Scroll Compressors	
- R-404A Specifications and Performance	4
- R-407A Specifications and Performance	6
- R-448A/R-449A Specifications and Performance	8
HTSS Copeland Semi-Hermetic Compressors	
- R-404A Specifications and Performance	10
- R-448A/R-449A Specifications and Performance	12
HTSD Copeland Discus Compressors	
- R-404A Specifications and Performance	14
- R-407A Specifications and Performance	16
- R-448A/R-449A Specifications and Performance	18
HTSB Bitzer Ecoline Compressors - Motor 2 for Low and Medium Temperatures	
- R-404A Specifications and Performance	20
- R-407A Specifications and Performance	24
- R-448A/R-449A Specifications and Performance	28
HTSE Bitzer Compressors - Motor 1 for Medium and High Temperatures	
- R-404A Specifications and Performance	32
- R-407A Specifications and Performance	34
- R-448A/R-449A Specifications and Performance	36
H-Series Receiver Options	38
H-Series Condenser Sizes	38
H-Series Hurricane-Rated Kits	38
H-Series Cabinet Drawings	39

H-Series Legacy Condensing Units

Standard and Optional Features

FEATURE	STANDARD	OPTIONAL
Unit Power	208-230/1/60 208-230/3/60 460/3/60	380/3/50 575/3/60
Control Circuit	230/1/60	115/1/60
Main Protection Type	Fused	Circuit Breaker
Main Power Disconnect	None (Power Distribution Block)	Non-Fused (Ship Loose) Fused (Ship Loose)
Condenser Coil	Aluminum Fins on Copper Tubes	Electrofin Coil-Coating
Condenser Fan Motor(s)	PSC (Permanent Split Capacitor Type)	ECM (Under Development)
Condenser Fan Control	Electro-Mechanical Switches (ON/OFF)	Electronic Fan-Cycling (ON/OFF)
Frame/Receiver Type	Standard Base (Vertical Receiver)	Heavy-Duty Base (Horizontal Receiver)
Compressor Mounting	Hard Mounting	Spring Mounts with Vibration Eliminators (Reciprocating Compressors Only)
Receiver	Standard	Larger Sizes Available Heat and Insulation
Pressure Relief	Fusible Plug	Relief Valve
Controls	Electro-Mechanical Pressure Switches	Electronic Controls
Certifications	UL Listed (USA and Canada)	
Shipping	Plastic Shrink Wrap with Skid	Crated
Head Pressure Control	Adjustable (Required for DOE)	
Compressor Oil Control	None	Emerson OMC (Requires Separator) Sporlan Mechanical Float (Requires Separator)
Oil Separator	None	Helical Oil Separator
High Pressure Control	Cartridge Manual Reset	Cartridge Auto Reset Adjustable Manual or Auto Reset
Defrost Method	Time Clock	Electronic Contactors and Fuses for Electric Defrost
Suction Filter	None	Sealed Steel Replaceable Core Brass Replaceable Core
Suction Insulation	None	1/2", 3/4" or 1"
Liquid Drier	Sealed with Sight Glass	Replaceable Core with Sight Glass
Suction Accumulator	None	Accumulator Accumulator with Boil-Out
Hurricane-Rated Kit	No	Yes

Available with either Scroll or Reciprocating compressors. Nominal compressor capacities up to 16 HP.

H-Series Legacy Condensing Units

Model Key

These refrigeration systems are not intended for use in Walk-In Coolers or Freezers where US Department of Energy (DOE) or Natural Resources Canada (NRCAN) efficiency requirements apply. SEE KRACK.COM FOR DETAILS.

H	T	S	D	-	100	0	L	S	K	F	F
SERIES				UNIT TYPE:				RECEIVER SIZE:			
N - Indoor				T - Outdoor				A - 6" x 12"			
R - Remote				S - Satellite				B - 6" x 18"			
BASE:				S - Standard				C - 6" x 23"			
H - Heavy-Duty				COMPRESSOR TYPE:				D - 6" x 30"			
S - Copeland Semi-Hermetic				Z - Copeland Scroll				E - 8.625" x 30"			
D - Copeland Discus				B - Bitzer Ecoline Motor 2				F - 10.75" x 30"			
Z - Copeland Scroll				E - Bitzer Ecoline Motor 1				G - 10.75" x 38"			
COMPRESSOR HORSEPOWER:				CONDENSER SIZE:				H - 12.75" x 30"			
005 - 0.5 HP				A - Small, 2 Row, 1 Fan				X - No Receiver			
030 - 3.0 HP				B - Medium, 3 Row, 1 Fan				VOLTAGE:			
100 - 10.0 HP				C - Medium, 3 Row, 2 Fan				D - 208-230 V/1 PH/60 HZ			
ALTERNATIVE:				D - Medium, 4 Row, 2 Fan				K - 208-230 V/3 PH/60 HZ			
0 - Basic				E - Large, 3 Row, 4 Fan				M - 460 V/3 PH/60 HZ			
1 - First Alternative				F - Large, 4 Row, 4 Fan				P - 575 V/3 PH/60 HZ			
2 - Second Alternative				J - XLarge, 4 Row, 6 Fan				U - 380 V/3 PH/50 HZ			
TEMPERATURE RANGE:				REFRIGERANT:				S - R-404A			
H - High (Max. Evap. Temp. = +45° F)				P - R-507A				Q - R-407A			
M - Medium (Max. Evap. Temp. = +35° F)				Q - R-407A				F - R-407F			
E - Extended Medium (-25° F to +25° F)				F - R-407F				T - R-448A			
L - Low (Max. Evap. Temp. = +0° F)				T - R-448A				R - R-449A			
				R - R-449A							

NOTE: Units are ordered refrigerant specific (i.e. "S" for R-404A) but will include other refrigerants that can also be used on the data plate.

H-Series Legacy Condensing Units

HTSZ Copeland Scroll Compressors

Low Temperature - R-404A Specifications

Condensing Unit Model	Compressor	208/1/60				208/3/60				460/3/60				LIQ OD IN	SUCTION IN	STD RCVR DIAX HGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT COND	CABINET SIZE
		COMP RLA	FAN RLA	MCA	MOPD	COMP RLA	FAN RLA	MCA	MOPD	COMP RLA	FAN RLA	MCA	MOPD							
HTSZ-0200LS	ZF06K4E	12.2	2.2	20.5	30	8.3	2.2	15.6	20	3.8	1.3	7.6	15	1/2	7/8	6 x 18	16.7	400	A	Small
HTSZ-0250LS	ZF08K4E	14.7	2.2	23.6	35	8.7	2.2	16.1	20	4.5	1.3	8.4	15	1/2	7/8	6 x 18	16.7	400	A	Small
HTSZ-0300LS	ZF09K4E	12.8	2.2	21.2	30	8.7	2.2	16.1	20	4.5	1.3	8.4	15	1/2	7/8	6 x 23	21.4	650	B	Medium
HTSZ-0350LS	ZF11K4E	16.3	2.2	25.6	40	10.9	2.2	18.8	25	5.8	1.3	10.1	15	1/2	7/8	6 x 23	21.4	650	B	Medium
HTSZ-0400LS	ZF13K4E	22.4	2.2	33.2	50	11.9	2.2	20.1	30	6.4	1.3	10.8	15	1/2	7/8	6 x 23	21.4	650	B	Medium
HTSZ-0500LS	ZF15K4E	24.7	2.2	36.1	60	17.0	2.2	26.5	40	8.0	1.3	12.8	20	5/8	7/8	6 x 23	21.4	650	B	Medium
HTSZ-0600LS	ZF18K4E					19.6	2.2	29.7	45	8.0	1.3	12.8	20	5/8	7/8	6 x 23	21.4	650	B	Medium
HTSZ-0750LS	ZF25K4E					24.0	2.2	35.2	50	10.6	1.3	16.1	25	5/8	1-3/8	6 x 23	21.4	650	B	Medium
HTSZ-1000LS	ZF34K5E					33.3	5.9	50.5	80	16.0	3.5	25.0	40	5/8	1-3/8	10-3/4 x 30	82.3	1250	E	Large

Low Temperature - R-404A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp								Capacity BTUH
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	
95	HTSZ-0200LS	ZF06K4E	4,500	5,100	5,900	6,600	7,400	8,200	9,100	10,000	10,900
95	HTSZ-0250LS	ZF08K4E	5,700	6,500	7,300	8,200	9,100	10,200	11,200	12,400	13,600
95	HTSZ-0300LS	ZF09K4E	6,600	7,600	8,600	9,600	10,800	12,100	13,400	14,900	16,400
95	HTSZ-0350LS	ZF11K4E	8,200	9,300	10,600	11,900	13,300	14,900	16,500	18,400	20,300
95	HTSZ-0400LS	ZF13K4E	9,100	10,400	11,800	13,400	15,100	16,900	18,900	21,000	23,100
95	HTSZ-0500LS	ZF15K4E	11,400	13,000	14,700	16,500	18,400	20,500	22,800	25,300	27,800
95	HTSZ-0600LS	ZF18K4E	13,600	15,600	17,600	19,700	22,000	24,400	27,000	29,800	32,600
95	HTSZ-0750LS	ZF25K4E	16,750	18,900	21,200	23,800	26,600	29,700	33,000	36,200	39,700
95	HTSZ-1000LS	ZF34K5E	21,800	25,000	28,200	32,100	35,900	40,000	44,300	48,900	53,500

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp								Capacity BTUH
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	
105	HTSZ-0200LS	ZF06K4E	4,100	4,700	5,400	6,100	6,800	7,500	8,300	9,200	10,100
105	HTSZ-0250LS	ZF08K4E	5,200	5,900	6,700	7,500	8,400	9,300	10,200	11,300	12,400
105	HTSZ-0300LS	ZF09K4E	6,100	7,000	7,900	8,900	10,000	11,100	12,400	13,700	15,000
105	HTSZ-0350LS	ZF11K4E	7,600	8,600	9,800	11,000	12,300	13,700	15,200	16,900	18,600
105	HTSZ-0400LS	ZF13K4E	8,400	9,600	10,900	12,300	13,800	15,400	17,200	19,100	21,000
105	HTSZ-0500LS	ZF15K4E	10,500	12,000	13,500	15,100	16,900	18,800	20,900	23,200	25,500
105	HTSZ-0600LS	ZF18K4E	12,700	14,400	16,300	18,200	20,300	22,400	24,800	27,300	29,800
105	HTSZ-0750LS	ZF25K4E	15,750	17,600	19,700	21,900	24,400	27,200	30,100	33,300	36,500
105	HTSZ-1000LS	ZF34K5E	20,000	23,000	26,100	29,400	32,900	36,600	40,500	44,600	48,400

H-Series Legacy Condensing Units

HTSZ Copeland Scroll Compressors

Medium Temperature - R-404A Specifications

Condensing Unit Model	Compressor	208/1/60				208/3/60				460/3/60				LIQ OD IN	SUCTION IN	STD RCVR DIAxHGT IN	RVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT COND	CABINET SIZE
		Comp RLA	Fan RLA	MCA	MOPD	Comp RLA	Fan RLA	MCA	MOPD	Comp RLA	Fan RLA	MCA	MOPD							
HTSZ-0080MS	ZB06KAE	5.4	2.2	12.0	15	4.3	2.2	10.6	15					1/2	7/8	6 x 18	16.7	400	A	Small
HTSZ-0100MS	ZB07KAE	5.6	2.2	12.2	15	4.7	2.2	11.1	15					1/2	7/8	6 x 18	16.7	400	A	Small
HTSZ-0120MS	ZB08KAE	7.2	2.2	14.2	20	4.7	2.2	11.1	15					1/2	7/8	6 x 18	16.7	400	A	Small
HTSZ-0130MS	ZS09KAE	9.0	2.2	16.5	25	7.2	2.2	14.2	20	3.4	1.3	7.1	15	1/2	7/8	6 x 18	16.7	400	A	Small
HTSZ-0150MS	ZS11KAE	11.3	2.2	19.3	30	9.3	2.2	16.8	25	3.8	1.3	7.6	15	1/2	7/8	6 x 18	16.7	400	A	Small
HTSZ-0180MS	ZS13KAE	10.8	2.2	18.7	25	8.7	2.2	16.1	20	4.3	1.3	8.2	15	1/2	7/8	6 x 18	16.7	400	A	Small
HTSZ-0200MS	ZB15KCE	14.1	2.2	22.8	35	8.0	2.2	15.2	20	4.5	1.3	8.4	15	1/2	7/8	6 x 18	16.7	400	A	Small
HTSZ-0250MS	ZB19KCE	16.0	2.2	25.2	40	9.0	2.2	16.5	25	4.5	1.3	8.4	15	1/2	7/8	6 x 30	27.9	650	B	Medium
HTSZ-0300MS	ZB21KCE	18.6	2.2	28.5	45	10.9	2.2	18.8	25	5.4	1.3	9.6	15	1/2	7/8	6 x 30	27.9	650	B	Medium
HTSZ-0350MS	ZB26KCE	21.2	2.2	31.7	50	11.9	2.2	20.1	30	5.8	1.3	10.1	15	1/2	7/8	8-5/8 x 30	53.9	650	B	Medium
HTSZ-0400MS	ZB30KCE	24.0	2.2	35.2	50	14.1	2.2	22.8	35	6.7	1.3	11.2	15	1/2	7/8	8-5/8 x 30	53.9	650	B	Medium
HTSZ-0500MS	ZB38KCE	27.9	2.2	40.1	60	19.9	2.2	30.1	50	8.7	1.3	13.7	20	5/8	7/8	8-5/8 x 30	53.9	650	B	Medium
HTSZ-0600MS	ZB48KCE					22.8	3.8	35.3	50	12.2	2.3	19.1	30	5/8	7/8	8-5/8 x 30	53.9	650	D	Medium
HTSZ-0750MS	ZB58K5E					30.8	5.9	47.4	70	16.0	3.5	25.0	40	5/8	1-3/8	10-3/4 x 30	82.3	1250	E	Large
HTSZ-1000MS	ZB76K5E					38.6	5.9	57.2	90	18.6	3.5	28.3	45	5/8	1-3/8	12-3/4 x 30	100.1	1250	F	Large
HTSZ-1300MS	ZB95K5E					47.4	7.7	70.0	110	21.8	4.6	33.4	50	7/8	1-3/8	12-3/4 x 30	100.1	1575	J	X-Large
HTSZ-1500MS	ZB114K5E					56.5	7.7	81.3	125	24.4	4.6	36.6	60	7/8	1-3/8	12-3/4 x 30	100.1	1575	J	X-Large

Medium Temperature - R-404A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp							
			10 °F	15 °F	20 °F	25 °F	30 °F	35 °F	40 °F	45 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
95	HTSZ-0080MS	ZB06KAE	5,500	6,200	6,900	7,700	8,500	9,300	10,200	11,200
95	HTSZ-0100MS	ZB07KAE	6,700	7,400	8,300	9,200	10,200	11,200	12,400	13,600
95	HTSZ-0120MS	ZB08KAE	7,700	8,500	9,400	10,400	11,500	12,700	14,000	15,500
95	HTSZ-0130MS	ZS09KAE	8,800	9,700	10,600	11,600	12,700	13,800	15,000	16,300
95	HTSZ-0150MS	ZS11KAE	10,100	11,200	12,200	13,400	14,600	15,900	17,200	18,600
95	HTSZ-0180MS	ZS13KAE	11,600	12,800	14,000	15,300	16,600	18,000	19,500	21,000
95	HTSZ-0200MS	ZB15KCE	13,000	14,600	15,900	17,300	19,100	21,600	24,000	N/A
95	HTSZ-0250MS	ZB19KCE	17,900	18,900	21,200	23,100	25,300	27,500	30,900	33,600
95	HTSZ-0300MS	ZB21KCE	20,200	22,300	24,300	26,700	29,000	31,600	34,200	39,600
95	HTSZ-0350MS	ZB26KCE	23,100	25,500	27,800	30,500	33,100	36,200	39,300	45,100
95	HTSZ-0400MS	ZB30KCE	26,000	28,600	31,300	34,200	37,200	40,400	43,500	50,600
95	HTSZ-0500MS	ZB38KCE	33,300	36,600	40,200	43,900	47,900	52,000	56,000	60,500
95	HTSZ-0600MS	ZB48KCE	44,000	48,400	53,000	57,500	62,500	68,000	73,000	78,500
95	HTSZ-0750MS	ZB58K5E	52,900	58,900	64,000	70,000	76,400	83,300	89,700	97,500
95	HTSZ-1000MS	ZB76K5E	69,800	76,600	83,800	90,600	98,700	107,500	115,500	125,500
95	HTSZ-1300MS	ZB95K5E	85,000	93,800	102,700	111,800	121,000	131,900	142,800	159,800
95	HTSZ-1500MS	ZB114K5E	103,400	114,900	126,400	138,700	151,100	164,800	178,600	N/A

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp							
			10 °F	15 °F	20 °F	25 °F	30 °F	35 °F	40 °F	45 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
105	HTSZ-0080MS	ZB06KAE	5,100	5,700	6,300	7,000	7,800	8,500	9,300	10,100
105	HTSZ-0100MS	ZB07KAE	6,200	6,900	7,600	8,400	9,300	10,300	11,300	12,400
105	HTSZ-0120MS	ZB08KAE	7,100	7,800	8,600	9,500	10,500	11,600	12,800	14,100
105	HTSZ-0130MS	ZS09KAE	8,100	8,900	9,700	10,600	11,600	12,600	13,600	14,800
105	HTSZ-0150MS	ZS11KAE	9,300	10,300	11,200	12,300	13,300	14,400	15,600	16,900
105	HTSZ-0180MS	ZS13KAE	10,700	11,700	12,800	14,000	15,200	16,400	17,700	19,100
105	HTSZ-0200MS	ZB15KCE	11,400	12,800	14,100	15,500	16,900	18,500	20,000	N/A
105	HTSZ-0250MS	ZB19KCE	15,500	17,100	18,700	20,600	22,600	25,700	26,600	30,800
105	HTSZ-0300MS	ZB21KCE	18,300	20,200	22,000	24,200	26,400	28,900	31,300	36,200
105	HTSZ-0350MS	ZB26KCE	20,800	22,900	25,000	27,500	29,900	32,600	35,300	41,100
105	HTSZ-0400MS	ZB30KCE	23,300	25,700	28,000	30,800	33,400	36,400	39,500	46,100
105	HTSZ-0500MS	ZB38KCE	30,400	33,400	36,600	39,900	43,000	46,800	50,500	55,000
105	HTSZ-0600MS	ZB48KCE	40,000	43,400	47,600	52,000	56,500	61,000	66,000	71,500
105	HTSZ-0750MS	ZB58K5E	48,000	53,000	58,300	63,800	69,600	75,900	81,600	88,600
105	HTSZ-1000MS	ZB76K5E	64,200	70,000	75,800	82,600	89,800	97,500	104,500	113,500
105	HTSZ-1300MS	ZB95K5E	76,000	84,000	92,100	100,900	109,800	119,700	129,100	N/A
105	HTSZ-1500MS	ZB114K5E	89,900	100,100	110,300	122,100	132,900	N/A	N/A	N/A

H-Series Legacy Condensing Units

HTSZ Copeland Scroll Compressors

Low Temperature - R-407A Specifications

Condensing Unit Model	Compressor	208/1/60				208/3/60				460/3/60				LIQ OD IN	SUCTION OD IN	STD RCVR DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT COND	CABINET SIZE
		COMP		FAN		COMP		FAN		COMP		FAN								
		RLA	RLA	MCA	MOPD	RLA	RLA	MCA	MOPD	RLA	RLA	MCA	MOPD							
HTSZ-0200LQ	ZF06K4E	12.2	2.2	20.5	30	8.3	2.2	15.6	20	3.8	1.3	7.6	15	1/2	7/8	6 x 18	18.3	400	A	Small
HTSZ-0250LQ	ZF08K4E	14.7	2.2	23.6	35	8.7	2.2	16.1	20	4.5	1.3	8.4	15	1/2	7/8	6 x 18	18.3	400	A	Small
HTSZ-0300LQ	ZF09K4E	12.8	2.2	21.2	30	8.7	2.2	16.1	20	4.5	1.3	8.4	15	1/2	7/8	6 x 23	23.4	650	B	Medium
HTSZ-0350LQ	ZF11K4E	16.3	2.2	25.6	40	10.9	2.2	18.8	25	5.8	1.3	10.1	15	5/8	7/8	6 x 23	23.4	650	B	Medium
HTSZ-0400LQ	ZF13K4E	22.4	2.2	33.2	50	11.9	2.2	20.1	30	6.4	1.3	10.8	15	5/8	7/8	6 x 23	23.4	650	B	Medium
HTSZ-0500LQ	ZF15K4E	24.7	2.2	36.1	60	17.0	2.2	26.5	40	8.0	1.3	12.8	20	5/8	7/8	6 x 23	23.4	650	B	Medium
HTSZ-0600LQ	ZF18K4E					19.6	2.2	29.7	45	8.0	1.3	12.8	20	5/8	7/8	6 x 23	23.4	650	B	Medium
HTSZ-0750LQ	ZF25K4E					24.0	2.2	35.2	50	10.6	1.3	16.1	25	5/8	1 3/8	6 x 23	23.4	650	B	Medium
HTSZ-1000LQ	ZF34K5E					33.3	5.9	50.5	80	16.0	3.5	25.0	40	7/8	1 3/8	10-3/4 X 30	90.0	1250	E	Large

Low Temperature - R-407A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp								
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	0 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
95	HTSZ-0200LQ	ZF06K4E	4,050	4,723	5,395	6,198	7,000	7,952	8,904	9,700	10,974
95	HTSZ-0250LQ	ZF08K4E	4,967	5,772	6,576	7,554	8,532	9,691	10,850	11,700	13,366
95	HTSZ-0300LQ	ZF09K4E	5,616	6,463	7,310	8,450	9,589	10,838	12,086	13,800	14,764
95	HTSZ-0350LQ	ZF11K4E	7,009	8,069	9,129	10,573	12,017	13,609	15,200	17,200	18,620
95	HTSZ-0400LQ	ZF13K4E	7,982	9,111	10,239	11,842	13,444	15,351	17,258	19,800	21,722
95	HTSZ-0500LQ	ZF15K4E	10,123	11,462	12,800	14,700	16,600	18,906	21,212	24,000	26,396
95	HTSZ-0600LQ	ZF18K4E	12,111	13,757	15,402	17,621	19,839	22,553	25,267	28,400	31,297
95	HTSZ-0750LQ	ZF25K4E	15,050	16,900	19,100	21,700	24,600	27,800	31,300	35,000	39,700
95	HTSZ-1000LQ	ZF34K5E	20,800	23,836	26,871	31,012	35,152	40,057	44,961	50,380	55,799

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp								
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	0 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
105	HTSZ-0200LQ	ZF06K4E	3,800	4,500	5,050	5,790	6,550	7,440	8,320	9,280	10,300
105	HTSZ-0250LQ	ZF08K4E	4,700	5,400	6,150	7,050	8,000	9,040	10,100	10,800	11,500
105	HTSZ-0300LQ	ZF09K4E	5,270	6,070	6,880	7,950	9,030	10,180	11,400	13,000	14,800
105	HTSZ-0350LQ	ZF11K4E	6,520	7,550	8,950	9,935	11,400	12,900	14,300	16,000	17,800
105	HTSZ-0400LQ	ZF13K4E	7,500	8,500	9,500	11,000	12,500	14,400	16,200	18,400	20,900
105	HTSZ-0500LQ	ZF15K4E	9,400	10,600	11,900	13,700	15,500	17,600	19,900	22,400	25,300
105	HTSZ-0600LQ	ZF18K4E	11,300	12,800	14,300	16,500	18,700	21,300	23,800	26,600	29,700
105	HTSZ-0750LQ	ZF25K4E	13,900	15,600	17,700	20,100	22,800	25,800	29,100	32,400	35,400
105	HTSZ-1000LQ	ZF34K5E	19,300	22,100	24,900	28,800	32,600	37,500	42,200	47,100	52,500

R-407A has a significant "glide" or variation of temperature as it evaporates at one pressure. Performance Tables show capacity for selections at the midpoint of this temperature range to best reflect the actual operation needed to produce the Evaporating or Suction Temperature shown in the Table.

H-Series Legacy Condensing Units

HTSZ Copeland Scroll Compressors

Medium Temperature - R-407A Specifications

Condensing Unit Model	Compressor	208/1/60				208/3/60				460/3/60				LIQ OD IN	SUCTION OD IN	STD RCVR DIAxHGT IN	RVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT COND	CABINET SIZE
		Comp RLA	Fan RLA	MCA	MOPD	Comp RLA	Fan RLA	MCA	MOPD	Comp RLA	Fan RLA	MCA	MOPD							
HTSZ-0080MQ	ZB06KAE	5.4	2.2	12.0	15	4.3	2.2	10.6	15					1/2	7/8	6 x 18	18.3	400	A	Small
HTSZ-0100MQ	ZB07KAE	5.6	2.2	12.2	15	4.7	2.2	11.1	15					1/2	7/8	6 x 18	18.3	400	A	Small
HTSZ-0120MQ	ZB08KAE	7.2	2.2	14.2	20	4.7	2.2	11.1	15					1/2	7/8	6 x 18	18.3	400	A	Small
HTSZ-0130MQ	ZS09KAE	9.0	2.2	16.5	25	7.2	2.2	14.2	20	3.4	1.3	7.1	15	1/2	7/8	6 x 18	18.3	400	A	Small
HTSZ-0150MQ	ZS11KAE	11.3	2.2	19.3	30	9.3	2.2	16.8	25	3.8	1.3	7.6	15	1/2	7/8	6 x 18	18.3	400	A	Small
HTSZ-0180MQ	ZS13KAE	10.8	2.2	18.7	25	8.7	2.2	16.1	20	4.3	1.3	8.2	15	1/2	7/8	6 x 18	18.3	400	A	Small
HTSZ-0200MQ	ZB15KCE	14.1	2.2	22.8	35	8.0	2.2	15.2	20	4.5	1.3	8.4	15	1/2	7/8	6 x 18	18.3	400	A	Small
HTSZ-0250MQ	ZB19KCE	16.0	2.2	25.2	40	9.0	2.2	16.5	25	4.5	1.3	8.4	15	1/2	7/8	6 x 30	30.4	650	B	Medium
HTSZ-0300MQ	ZB21KCE	18.6	2.2	28.5	45	10.9	2.2	18.8	25	5.4	1.3	9.6	15	1/2	7/8	6 x 30	30.4	650	B	Medium
HTSZ-0350MQ	ZB26KCE	21.2	2.2	31.7	50	11.9	2.2	20.1	30	5.8	1.3	10.1	15	1/2	7/8	8-5/8 x 30	59	650	B	Medium
HTSZ-0400MQ	ZB30KCE	24.0	2.2	35.2	50	14.1	2.2	22.8	35	6.7	1.3	11.2	15	5/8	7/8	8-5/8 x 30	59	650	B	Medium
HTSZ-0500MQ	ZB38KCE	27.9	2.2	40.1	60	19.9	2.2	30.1	50	8.7	1.3	13.7	20	5/8	7/8	8-5/8 x 30	59	650	B	Medium
HTSZ-0600MQ	ZB48KCE					22.8	3.8	35.3	50	12.2	2.3	19.1	30	5/8	7/8	8-5/8 x 30	59	650	D	Medium
HTSZ-0750MQ	ZB58K5E					30.8	5.9	47.4	70	16.0	3.5	25.0	40	5/8	1-3/8	10-3/4 x 30	90.0	1250	E	Large
HTSZ-1000MQ	ZB76K5E					38.6	5.9	57.2	90	18.6	3.5	28.3	45	7/8	1-3/8	12-3/4 x 30	109.4	1250	F	Large
HTSZ-1300MQ	ZB95K5E					47.4	7.7	70.0	110	21.8	4.6	33.4	50	7/8	1-3/8	12-3/4 x 30	109.4	1575	J	X-Large
HTSZ-1500MQ	ZB114K5E					56.5	7.7	81.3	125	24.4	4.6	36.6	60	7/8	1-3/8	12-3/4 x 30	109.4	1575	J	X-Large

Medium Temperature - R-407A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp									
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F	30 °F	35 °F	40 °F	45 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
95	HTSZ-0080MQ	ZB06KAE	4,200	4,700	5,300	6,000	6,700	7,500	8,300	9,200	10,200	N/A
95	HTSZ-0100MQ	ZB07KAE	5,100	5,800	6,500	7,300	8,100	9,000	9,900	10,800	11,800	N/A
95	HTSZ-0120MQ	ZB08KAE	6,100	6,900	7,700	8,600	9,400	10,300	11,200	12,200	13,100	N/A
95	HTSZ-0130MQ	ZS09KAE	7,800	8,600	9,500	10,500	11,600	12,700	14,000	15,400	16,900	N/A
95	HTSZ-0150MQ	ZS11KAE	8,300	9,200	10,200	11,200	12,300	13,600	14,900	16,400	18,000	N/A
95	HTSZ-0180MQ	ZS13KAE	9,400	10,400	11,500	12,600	13,900	15,300	16,800	18,400	20,100	N/A
95	HTSZ-0200MQ	ZB15KCE	10,700	12,000	13,400	15,000	16,600	18,400	20,300	22,500	24,800	N/A
95	HTSZ-0250MQ	ZB19KCE	12,400	14,000	15,700	17,600	19,500	21,700	23,900	26,400	29,000	N/A
95	HTSZ-0300MQ	ZB21KCE	15,200	17,000	19,500	21,700	24,000	26,700	29,500	32,600	35,700	N/A
95	HTSZ-0350MQ	ZB26KCE	17,200	19,400	21,600	24,100	26,600	29,700	32,700	36,100	40,200	N/A
95	HTSZ-0400MQ	ZB30KCE	21,600	24,400	27,300	30,700	34,100	37,900	41,700	46,400	50,900	N/A
95	HTSZ-0500MQ	ZB38KCE	26,500	29,900	33,600	37,600	41,500	46,000	51,000	55,500	60,000	N/A
95	HTSZ-0600MQ	ZB48KCE	33,700	38,000	42,700	47,900	53,000	58,500	64,000	70,000	76,000	N/A
95	HTSZ-0750MQ	ZB58K5E	40,400	45,700	51,100	56,800	62,800	68,700	75,800	83,600	91,500	N/A
95	HTSZ-1000MQ	ZB76K5E	54,500	60,700	67,500	74,800	82,500	90,800	98,900	109,000	119,000	N/A
95	HTSZ-1300MQ	ZB95K5E	64,300	73,900	83,500	94,100	104,600	116,600	128,500	140,300	154,100	N/A
95	HTSZ-1500MQ	ZB114K5E	75,700	86,700	97,700	110,400	123,000	136,600	149,100	163,500	179,500	N/A

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp									
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F	30 °F	35 °F	40 °F	45 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
105	HTSZ-0080MQ	ZB06KAE	3,900	4,400	5,000	5,600	6,200	7,000	7,700	8,600	9,500	N/A
105	HTSZ-0100MQ	ZB07KAE	4,700	5,400	6,100	6,800	7,600	8,400	9,200	10,100	11,000	N/A
105	HTSZ-0120MQ	ZB08KAE	5,700	6,400	7,200	8,000	8,800	9,700	10,500	11,400	12,300	N/A
105	HTSZ-0130MQ	ZS09KAE	6,500	7,200	8,000	8,800	9,800	10,700	11,800	13,000	14,300	N/A
105	HTSZ-0150MQ	ZS11KAE	7,700	8,500	9,400	10,400	11,400	12,600	13,800	15,200	16,700	N/A
105	HTSZ-0180MQ	ZS13KAE	8,700	9,600	10,600	11,700	12,900	14,100	15,500	17,000	18,600	N/A
105	HTSZ-0200MQ	ZB15KCE	9,800	11,000	12,300	13,800	15,400	17,100	18,900	21,200	25,200	N/A
105	HTSZ-0250MQ	ZB19KCE	11,400	12,800	14,500	16,400	18,000	19,200	22,500	24,700	28,600	N/A
105	HTSZ-0300MQ	ZB21KCE	13,800	15,900	17,800	20,100	22,400	24,900	27,500	30,200	34,900	N/A
105	HTSZ-0350MQ	ZB26KCE	15,600	17,600	19,600	21,900	24,200	27,000	29,800	32,900	38,700	N/A
105	HTSZ-0400MQ	ZB30KCE	19,700	22,400	25,100	28,200	31,300	34,800	38,400	42,600	46,600	N/A
105	HTSZ-0500MQ	ZB38KCE	24,100	27,300	30,700	34,300	38,200	42,000	46,400	50,500	55,500	N/A
105	HTSZ-0600MQ	ZB48KCE	30,600	34,600	38,800	43,500	48,000	53,500	58,500	64,000	69,500	N/A
105	HTSZ-0750MQ	ZB58K5E	36,400	41,300	46,800	52,200	57,800	63,700	70,200	76,400	84,000	N/A
105	HTSZ-1000MQ	ZB76K5E	49,900	56,500	63,100	69,800	76,200	83,600	91,500	99,400	109,000	N/A
105	HTSZ-1300MQ	ZB95K5E	58,400	66,800	75,400	84,500	94,200	105,100	116,500	127,600	NA	N/A
105	HTSZ-1500MQ	ZB114K5E	68,100	78,100	87,500	99,300	110,500	122,500	N/A	N/A	N/A	N/A

R-407A has a significant "glide" or variation of temperature as it evaporates at one pressure. Performance Tables show capacity for selections at the midpoint of this temperature range to best reflect the actual operation needed to produce the Evaporating or Suction Temperature shown in the Table.

H-Series Legacy Condensing Units

HTSZ Copeland Scroll Compressors

Low Temperature - R-448A/R-449A Specifications

Condensing Unit Model	Compressor	208/1/60				208/3/60				460/3/60				LIQ OD IN	SUCTION OD IN	STD RCVR DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT COND	CABINET SIZE
		COMP RLA	FAN RLA	MCA	MOPD	COMP RLA	FAN RLA	MCA	MOPD	COMP RLA	FAN RLA	MCA	MOPD							
HTSZ-0200LT	ZF06K4E	12.2	2.2	20.5	30	8.3	2.2	15.6	20	3.8	1.3	7.6	15	1/2	7/8	6 x 18	17.4	400	A	Small
HTSZ-0250LT	ZF08K4E	14.7	2.2	23.6	35	8.7	2.2	16.1	20	4.5	1.3	8.4	15	1/2	7/8	6 x 18	17.4	400	A	Small
HTSZ-0300LT	ZF09K4E	12.8	2.2	21.2	30	8.7	2.2	16.1	20	4.5	1.3	8.4	15	1/2	7/8	6 x 23	22.3	650	B	Medium
HTSZ-0350LT	ZF11K4E	16.3	2.2	25.6	40	10.9	2.2	18.8	25	5.8	1.3	10.1	15	5/8	7/8	6 x 23	22.3	650	B	Medium
HTSZ-0400LT	ZF13K4E	22.4	2.2	33.2	50	11.9	2.2	20.1	30	6.4	1.3	10.8	15	5/8	7/8	6 x 23	22.3	650	B	Medium
HTSZ-0500LT	ZF15K4E	24.7	2.2	36.1	60	17.0	2.2	26.5	40	8.0	1.3	12.8	20	5/8	7/8	6 x 23	22.3	650	B	Medium
HTSZ-0600LT	ZF18K4E					19.6	2.2	29.7	45	8.0	1.3	12.8	20	5/8	7/8	6 x 23	22.3	650	B	Medium
HTSZ-0750LT	ZF25K4E					24.0	2.2	35.2	50	10.6	1.3	16.1	25	5/8	1 3/8	6 x 23	22.3	650	B	Medium
HTSZ-1000LT	ZF34K5E					33.3	5.9	50.5	80	16.0	3.5	25.0	40	7/8	1 3/8	10-3/4 X 30	85.8	1250	E	Large

Low Temperature - R-448A/R-449A Performance

			Mid Suction Temp								
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	0 °F
Ambient Temp	Condensing Unit Model	Compressor	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity
			BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH
95	HTSZ-0200LT	ZF06K4E	4200	4900	5600	6400	7200	8200	9200	10000	11200
95	HTSZ-0250LT	ZF08K4E	5500	6300	7200	8200	9200	10400	11600	13300	14300
95	HTSZ-0300LT	ZF09K4E	6200	7100	8000	9100	10200	11500	10800	14700	15800
95	HTSZ-0350LT	ZF11K4E	7500	8800	10000	11400	12800	14400	16000	18200	19900
95	HTSZ-0400LT	ZF13K4E	8700	10000	11300	13000	14700	16700	18700	21200	23100
95	HTSZ-0500LT	ZF15K4E	11000	12500	14100	16100	18100	20500	22800	25600	28500
95	HTSZ-0600LT	ZF18K4E	13300	15300	17300	19700	22100	25000	27900	30200	34700
95	HTSZ-0750LT	ZF25K4E	15900	18000	20300	23000	26000	29300	32900	36900	42200
95	HTSZ-1000LT	ZF34K5E	20700	24100	27500	31500	35600	40200	44700	49400	55000

			Mid Suction Temp								
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	0 °F
Ambient Temp	Condensing Unit Model	Compressor	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity
			BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH
105	HTSZ-0200LT	ZF06K4E	4,000	4600	5,300	6100	6,800	7600	8,500	9,400	10400
105	HTSZ-0250LT	ZF08K4E	5,200	6000	6,700	7700	8,600	9800	10,900	12,500	13400
105	HTSZ-0300LT	ZF09K4E	5,800	6600	7,500	8500	9,600	10800	12,000	13,300	14700
105	HTSZ-0350LT	ZF11K4E	7,200	8300	9,400	10700	12,000	13500	15,000	16,900	18700
105	HTSZ-0400LT	ZF13K4E	8,300	9400	10,600	12000	13,500	15300	17,100	19,100	21100
105	HTSZ-0500LT	ZF15K4E	10,400	11800	13,200	15000	16,800	18900	21,000	23,500	26100
105	HTSZ-0600LT	ZF18K4E	12,800	14600	16,300	18500	20,600	23200	25,800	28,900	32000
105	HTSZ-0750LT	ZF25K4E	15,500	17200	19,200	21500	24,100	27100	30,400	33,900	36300
105	HTSZ-1000LT	ZF34K5E	19,400	22600	25,700	29500	33,200	37500	41,800	46,900	52100

R-448A/R-449A has a significant "glide" or variation of temperature as it evaporates at one pressure. Performance Tables show capacity for selections at the midpoint of this temperature range to best reflect the actual operation needed to produce the Evaporating or Suction Temperature shown in the Table.

H-Series Legacy Condensing Units

HTSZ Copeland Scroll Compressors

Medium Temperature - R-448A/R-449A Specifications

Condensing Unit Model	Compressor	208/1/60				208/3/60				460/3/60				LIQ OD IN	SUCTION IN	STD RCVR DIAxHGT IN	RVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT COND	CABINET SIZE
		Comp RLA	Fan RLA	MCA	MOPD	Comp RLA	Fan RLA	MCA	MOPD	Comp RLA	Fan RLA	MCA	MOPD							
HTSZ-0080MT	ZB06KAE	5.4	2.2	12.0	15	4.3	2.2	10.6	15	3.4 1.3 7.1 15				1/2	7/8	6 x 18	17.4	400	A	Small
HTSZ-0100MT	ZB07KAE	5.6	2.2	12.2	15	4.7	2.2	11.1	15					1/2	7/8	6 x 18	17.4	400	A	Small
HTSZ-0120MT	ZB08KAE	7.2	2.2	14.2	20	4.7	2.2	11.1	15					1/2	7/8	6 x 18	17.4	400	A	Small
HTSZ-0130MT	ZS09KAE	9.0	2.2	16.5	25	7.2	2.2	14.2	20	3.4	1.3	7.1	15	1/2	7/8	6 x 18	17.4	400	A	Small
HTSZ-0150MT	ZS11KAE	11.3	2.2	19.3	30	9.3	2.2	16.8	25	3.8	1.3	7.6	15	1/2	7/8	6 x 18	17.4	400	A	Small
HTSZ-0180MT	ZS13KAE	10.8	2.2	18.7	25	8.7	2.2	16.1	20	4.3	1.3	8.2	15	1/2	7/8	6 x 18	17.4	400	A	Small
HTSZ-0200MT	ZB15KCE	14.1	2.2	22.8	35	8.0	2.2	15.2	20	4.5	1.3	8.4	15	1/2	7/8	6 x 18	17.4	400	A	Small
HTSZ-0250MT	ZB19KCE	16.0	2.2	25.2	40	9.0	2.2	16.5	25	4.5	1.3	8.4	15	1/2	7/8	6 x 30	29.0	650	B	Medium
HTSZ-0300MT	ZB21KCE	18.6	2.2	28.5	45	10.9	2.2	18.8	25	5.4	1.3	9.6	15	1/2	7/8	6 x 30	29.0	650	B	Medium
HTSZ-0350MT	ZB26KCE	21.2	2.2	31.7	50	11.9	2.2	20.1	30	5.8	1.3	10.1	15	1/2	7/8	8-5/8 x 30	56.2	650	B	Medium
HTSZ-0400MT	ZB30KCE	24.0	2.2	35.2	50	14.1	2.2	22.8	35	6.7	1.3	11.2	15	5/8	7/8	8-5/8 x 30	56.2	650	B	Medium
HTSZ-0500MT	ZB38KCE	27.9	2.2	40.1	60	19.9	2.2	30.1	50	8.7	1.3	13.7	20	5/8	7/8	8-5/8 x 30	56.2	650	B	Medium
HTSZ-0600MT	ZB48KCE	30.8 5.9 47.4 70				22.8	3.8	35.3	50	12.2	2.3	19.1	30	5/8	7/8	8-5/8 x 30	56.2	650	D	Medium
HTSZ-0750MT	ZB58KSE					30.8	5.9	47.4	70	16.0	3.5	25.0	40	5/8	1-3/8	10-3/4 x 30	85.8	1250	E	Large
HTSZ-1000MT	ZB76KSE					38.6	5.9	57.2	90	18.6	3.5	28.3	45	7/8	1-3/8	12-3/4 x 30	104.3	1250	F	Large
HTSZ-1300MT	ZB95KSE					47.4	7.7	70.0	110	21.8	4.6	33.4	50	7/8	1-3/8	12-3/4 x 30	104.3	1575	J	X-Large
HTSZ-1500MT	ZB114KSE					56.5	7.7	81.3	125	24.4	4.6	36.6	60	7/8	1-3/8	12-3/4 x 30	104.3	1575	J	X-Large

Medium Temperature - R-448A/R-449A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp									
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F	30 °F	35 °F	40 °F	45 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
95	HTSZ-0080MS	ZB06KAE	4,500	5,100	5,700	6,300	7,000	7,800	8,600	9,400	10,300	N/A
95	HTSZ-0100MS	ZB07KAE	5,300	6,000	6,700	7,500	8,300	9,200	10,100	11,100	12,200	N/A
95	HTSZ-0120MS	ZB08KAE	6,200	7,000	7,800	8,700	9,700	10,700	11,800	12,900	14,100	N/A
95	HTSZ-0130MS	ZS09KAE	6,600	7,300	8,200	9,100	10,100	11,200	12,400	13,800	15,400	N/A
95	HTSZ-0150MS	ZS11KAE	7,900	8,700	9,700	10,700	11,900	13,200	14,700	16,300	18,100	N/A
95	HTSZ-0180MS	ZS13KAE	8,900	9,900	10,900	12,100	13,400	14,900	16,500	18,300	20,200	N/A
95	HTSZ-0200MT	ZB15KCE	10,200	11,600	13,000	14,700	16,400	18,400	20,400	22,800	25,200	N/A
95	HTSZ-0250MT	ZB19KCE	12,800	14,400	16,000	18,000	20,000	22,500	24,900	27,800	30,700	N/A
95	HTSZ-0300MT	ZB21KCE	15,100	17,000	18,900	21,200	23,600	26,400	29,100	32,500	35,900	N/A
95	HTSZ-0350MT	ZB26KCE	17,900	20,100	22,400	25,200	28,000	31,500	35,900	38,900	42,900	N/A
95	HTSZ-0400MT	ZB30KCE	21,600	24,400	27,100	30,300	33,400	37,000	40,600	44,900	50,000	N/A
95	HTSZ-0500MT	ZB38KCE	26,600	29,900	33,500	36,900	40,900	45,200	49,800	54,500	59,000	N/A
95	HTSZ-0600MT	ZB48KCE	35,100	39,600	43,900	48,800	54,000	59,500	65,000	71,500	77,500	N/A
95	HTSZ-0750MT	ZB58KSE	40,600	46,200	52,000	58,000	64,500	71,500	78,500	86,000	94,500	N/A
95	HTSZ-1000MT	ZB76KSE	54,000	61,500	76,500	84,500	93,000	101,000	110,000	121,000	131,000	N/A
95	HTSZ-1300MT	ZB95KSE	66,200	75,500	84,900	95,200	106,100	118,500	129,100	140,270	151,440	N/A
95	HTSZ-1500MT	ZB114KSE	76,000	87,400	98,300	111,700	124,200	138,500	154,600	172,500	190,700	N/A

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp									
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F	30 °F	35 °F	40 °F	45 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
105	HTSZ-0080MS	ZB06KAE	4,200	4,700	5,300	5,900	6,500	7,200	8,000	8,800	9,600	N/A
105	HTSZ-0100MS	ZB07KAE	5,000	5,600	6,200	7,000	7,700	8,500	9,400	10,300	11,300	N/A
105	HTSZ-0120MS	ZB08KAE	5,800	6,500	7,300	8,100	9,000	9,900	10,900	11,900	13,000	N/A
105	HTSZ-0130MS	ZS09KAE	6,200	6,900	7,600	8,400	9,400	10,400	11,600	12,800	14,300	N/A
105	HTSZ-0150MS	ZS11KAE	7,400	8,200	9,000	10,000	11,100	12,300	13,600	15,100	16,700	N/A
105	HTSZ-0180MS	ZS13KAE	8,400	9,200	10,100	11,200	12,400	13,700	15,200	16,800	18,600	N/A
105	HTSZ-0200MT	ZB15KCE	9300	10500	11700	13200	14700	16700	18700	21600	24500	N/A
105	HTSZ-0250MT	ZB19KCE	11900	13300	14600	16400	18200	20400	22700	26300	29800	N/A
105	HTSZ-0300MT	ZB21KCE	14100	15600	17200	19300	21400	24000	26500	30900	35100	N/A
105	HTSZ-0350MT	ZB26KCE	16600	18500	20400	22900	25400	28600	31700	35900	40100	N/A
105	HTSZ-0400MT	ZB30KCE	19700	22300	24900	27800	30800	34100	38100	41800	45700	N/A
105	HTSZ-0500MT	ZB38KCE	24100	27300	30600	34100	37500	41400	45700	50000	54500	N/A
105	HTSZ-0600MT	ZB48KCE	31800	36000	40400	44600	49500	54500	59500	66000	71500	N/A
105	HTSZ-0750MT	ZB58KSE	36600	41800	47700	54000	60000	66000	72500	80000	87500	N/A
105	HTSZ-1000MT	ZB76KSE	49700	56500	64000	71500	78500	86500	94000	103000	111000	N/A
105	HTSZ-1300MT	ZB95KSE	58000	67700	77400	87600	97800	110000	122000	132800	N/A	N/A
105	HTSZ-1500MT	ZB114KSE	68000	79000	90100	102500	115107	125300	N/A	N/A	N/A	N/A

R-448A/R-449A has a significant "glide" or variation of temperature as it evaporates at one pressure. Performance Tables show capacity for selections at the midpoint of this temperature range to best reflect the actual operation needed to produce the Evaporating or Suction Temperature shown in the Table.

H-Series Legacy Condensing Units

HTSS Copeland Semi-Hermetic Compressors

Low Temperature - R-404A Specifications

Condensing Unit Model	Compressor	208/1/60				208/3/60				460/3/60				LIQ OD IN	SUCTION OD IN	STD RCVR DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT COND	CABINET SIZE
		COMP		FAN		COMP		FAN		COMP		FAN								
		RLA	RLA	MCA	MOPD	RLA	RLA	MCA	MOPD	RLA	RLA	MCA	MOPD							
HTSS-0050LS	KAN#-005E	3.1	2.2	9.1	15	NA	NA	NA	NA	NA	NA	NA	NA	1/2	7/8	6 x 18	16.7	400	A	Small
HTSS-0050LS	KAN#-006E	NA	NA	NA	NA	2.0	2.2	7.7	15	NA	NA	NA	NA	1/2	7/8	6 x 18	16.7	400	A	Small
HTSS-0070LS	KAM#-007E	5.1	2.2	11.6	15	2.9	2.2	8.8	15	NA	NA	NA	NA	1/2	7/8	6 x 18	16.7	400	A	Small
HTSS-0100LS	KAJ#-011E	NA	NA	NA	NA	4.1	2.2	10.3	15	1.8	1.3	5.1	15	1/2	7/8	6 x 18	16.7	400	A	Small
HTSS-0150LS	KAL#015E	8.9	2.2	16.3	25	NA	NA	NA	NA	NA	NA	NA	NA	1/2	7/8	6 x 18	16.7	400	A	Small
HTSS-0150LS	KAL#016E	NA	NA	NA	NA	6.0	2.2	12.7	15	3.1	1.3	6.7	15	1/2	7/8	6 x 18	16.7	400	A	Small
HTSS-0200LS	EAV#-021E	13.2	2.2	21.7	30	6.6	2.2	13.5	20	2.9	1.3	6.4	15	1/2	7/8	6 x 18	16.7	400	A	Small
HTSS-0250LS	LAH#-032E	15.0	2.2	24.0	35	11.5	2.2	19.6	30	5.4	1.3	9.6	15	1/2	1-1/8	6 x 23	21.4	650	B	Medium

Low Temperature - R-404A Performance

			Mid Suction Temp								
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	0 °F
Ambient Temp	Condensing Unit Model	Compressor	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity
			BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH
95	HTSS-0050LS	KAN# 005E	810	1,050	1,330	1,650	2,000	2,390	2,810	3,270	3,770
95	HTSS-0070LS	KAM#-007E	1,630	1,990	2,400	2,870	3,380	3,930	4,530	5,170	5,850
95	HTSS-0100LS	KAJ#-011E	2,360	2,850	3,370	3,940	4,560	5,230	5,970	6,780	7,660
95	HTSS-0150LS	KAL#-015E	3,370	4,180	4,990	5,800	6,650	7,550	8,500	9,520	10,620
95	HTSS-0200LS	EAV#-021E	3,990	4,820	5,820	6,970	8,210	9,540	10,900	12,500	14,000
95	HTSS-0250LS	LAH#-032E	6,500	8,150	9,990	12,040	14,280	16,670	19,220	21,940	24,790

			Mid Suction Temp								
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	0 °F
Ambient Temp	Condensing Unit Model	Compressor	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity
			BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH
105	HTSS-0050LS	KAN# 005E	590	810	1,060	1,340	1,660	2,010	2,400	2,810	3,260
105	HTSS-0070LS	KAM#-007E	1,330	1,660	2,050	2,470	2,940	3,440	3,980	4,560	5,170
105	HTSS-0100LS	KAJ#-011E	1,980	2,440	2,920	3,430	3,990	4,600	5,260	5,980	6,750
105	HTSS-0150LS	KAL#-015E	2,710	3,510	4,280	5,060	5,840	6,650	7,500	8,410	9,380
105	HTSS-0200LS	EAV#-021E	3,670	4,510	5,070	6,070	7,160	8,340	9,580	10,900	12,200
105	HTSS-0250LS	LAH#-032E	5,300	5,820	7,130	10,280	12,300	14,510	16,850	19,370	22,000

H-Series Legacy Condensing Units

HTSS Copeland Semi-Hermetic Compressors

Medium Temperature - R-404A Specifications

Condensing Unit Model	Compressor	208/1/60				208/3/60				460/3/60				LIQ OD IN	SUCTION IN	STD RCVR DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT COND	CABINET SIZE
		COMP RLA	FAN RLA	MCA	MOPD	COMP RLA	FAN RLA	MCA	MOPD	COMP RLA	FAN RLA	MCA	MOPD							
HTSS-0072MS	KAN#-007E	4.9	2.2	11.3	15	2.7	2.2	8.6	15	NA	NA	NA	NA	1/2	7/8	6 x 18	16.7	400	A	Small
HTSS-0100MS	KAR#-010E	6.4	2.2	13.2	15	3.8	2.2	10.0	15	NA	NA	NA	NA	1/2	7/8	6 x 18	16.7	400	A	Small
HTSS-0200MS	KAK#-021E	9.1	2.2	16.6	25	NA	NA	NA	NA	NA	NA	NA	NA	1/2	7/8	6 x 18	16.7	400	A	Small
HTSS-0200MS	KAK#-020E	NA	NA	NA	NA	5.8	2.2	12.5	15	NA	NA	NA	NA	1/2	7/8	6 x 18	16.7	400	A	Small
HTSS-0201MS	ERC#-021E	NA	NA	NA	NA	7.9	2.2	15.1	20	NA	NA	NA	NA	1/2	7/8	6 x 23	21.4	650	B	Medium
HTSS-0201MS	ERC#-020E	NA	NA	NA	NA	NA	NA	NA	NA	3.1	1.3	6.7	15	1/2	7/8	6 x 23	21.4	650	B	Medium
HTSS-0300MS	ERF#-031E	15.3	2.2	24.3	35	11.2	2.2	19.2	30	5.2	1.3	9.3	15	1/2	1-1/8	6 x 23	21.4	650	B	Medium

Medium Temperature - R-404A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp					
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
95	HTSS-0072MS	KANA-007E	3,110	4,220	4,800	5,500	6,170	6,920
95	HTSS-0100MS	KARA-010E	5,660	6,380	7,100	7,890	8,780	9,800
95	HTSS-0200MS	KAKA-020E	8,820	9,820	11,100	12,400	13,800	15,100
95	HTSS-0201MS	ERCA-021E	10,240	11,620	13,000	14,525	16,150	17,720
95	HTSS-0300MS	ERFA-031E	16,910	19,120	21,410	23,900	26,590	29,490

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp					
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
105	HTSS-0072MS	KANA-007E	3,640	3,630	4,150	4,770	5,370	6,100
105	HTSS-0100MS	KARA-010E	4,990	5,650	6,310	7,030	7,850	8,800
105	HTSS-0200MS	KAKA-020E	7,780	8,770	9,880	11,100	12,200	13,400
105	HTSS-0201MS	ERCA-021E	8,960	10,190	11,420	12,820	14,220	15,600
105	HTSS-0300MS	ERFA-031E	15,010	17,040	19,150	21,420	23,860	26,460

H-Series Legacy Condensing Units

HTSS Copeland Semi-Hermetic Compressors

Low Temperature - R-448A/R-449A Specifications

Condensing Unit Model	Compressor	208/1/60				208/3/60				460/3/60				LIQ OD IN	SUCTION OD IN	STD RCVR DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT COND	CABINET SIZE
		COMP		FAN		COMP		FAN		COMP		FAN								
		RLA	RLA	MCA	MOPD	RLA	RLA	MCA	MOPD	RLA	RLA	MCA	MOPD							
HTSS-0050LT	KAN#-005E	3.1	2.2	9.1	15	NA	NA	NA	NA	NA	NA	NA	NA	1/2	7/8	6 x 18	17.4	400	A	Small
HTSS-0050LT	KAN#-006E	NA	NA	NA	NA	2.0	2.2	7.7	15	NA	NA	NA	NA	1/2	7/8	6 x 18	17.4	400	A	Small
HTSS-0070LT	KAM#-007E	5.1	2.2	11.6	15	2.9	2.2	8.8	15	NA	NA	NA	NA	1/2	7/8	6 x 18	17.4	400	A	Small
HTSS-0100LT	KAJ#-011E	NA	NA	NA	NA	4.1	2.2	10.3	15	1.8	1.3	5.1	15	1/2	7/8	6 x 18	17.4	400	A	Small
HTSS-0150LT	KAL#015E	8.9	2.2	16.3	25	NA	NA	NA	NA	NA	NA	NA	NA	1/2	7/8	6 x 18	17.4	400	A	Small
HTSS-0150LT	KAL#016E	NA	NA	NA	NA	6.0	2.2	12.7	15	3.1	1.3	6.7	15	1/2	7/8	6 x 18	17.4	400	A	Small
HTSS-0200LT	EAV#-021E	13.2	2.2	21.7	30	6.6	2.2	13.5	20	2.9	1.3	6.4	15	1/2	7/8	6 x 18	17.4	400	A	Small
HTSS-0250LT	LAH#-032E	15.0	2.2	24.0	35	11.5	2.2	19.6	30	5.4	1.3	9.6	15	5/8	1-1/8	6 x 23	22.3	650	B	Medium

Low Temperature - R-448A/R-449A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp						
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
95	HTSS-0050LT	KAN#-005E							
95	HTSS-0070LT	KAM#-007E	950	1,230	1,580	2,000	2,500	3,050	3,670
95	HTSS-0100LT	KAJ#-011E	1,380	1,730	2,170	2,700	3,320	4,030	4,820
95	HTSS-0150LT	KAL#-015E	2,000	2,530	3,150	3,880	4,720	5,660	6,730
95	HTSS-0200LT	EAV#-021E	4,270	5,170	6,140	7,320	8,620	9,890	11,400
95	HTSS-0250LT	LAH#-032E	4,640	6,890	8,800	10,910	13,200	15,680	18,310

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp						
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
105	HTSS-0050LT	KAN#-005E							
105	HTSS-0070LT	KAM#-007E	700	900	1,190	1,570	2,020	2,540	3,140
105	HTSS-0100LT	KAJ#-011E	1,050	1,300	1,660	2,130	2,690	3,350	4,120
105	HTSS-0150LT	KAL#-015E	1,460	1,880	2,420	3,080	3,840	4,740	5,770
105	HTSS-0200LT	EAV#-021E	3,660	4,410	5,310	6,340	7,480	8,700	9,900
105	HTSS-0250LT	LAH#-032E	4,100	5,000	6,440	9,420	11,480	13,670	15,970

R-448A/R-449A has a significant "glide" or variation of temperature as it evaporates at one pressure. Performance Tables show capacity for selections at the midpoint of this temperature range to best reflect the actual operation needed to produce the Evaporating or Suction Temperature shown in the Table.

H-Series Legacy Condensing Units

HTSS Copeland Semi-Hermetic Compressors

Medium Temperature - R-448A/R-449A Specifications

Condensing Unit Model	Compressor	208/1/60				208/3/60				460/3/60				LIQ OD IN	SUCT OD IN	STD RCVR DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT COND	CABINET SIZE
		COMP		FAN		COMP		FAN		COMP		FAN								
		RLA	RLA	MCA	MOPD	RLA	RLA	MCA	MOPD	RLA	RLA	MCA	MOPD							
HTSS-0072MT	KAN#-007E	4.9	2.2	11.3	15	2.7	2.2	8.6	15	NA	NA	NA	NA	1/2	7/8	6 x 18	17.4	400	A	Small
HTSS-0100MT	KAR#-010E	6.4	2.2	13.2	15	3.8	2.2	10.0	15	NA	NA	NA	NA	1/2	7/8	6 x 18	17.4	400	A	Small
HTSS-0100MT	KAR#-011E	NA	NA	NA	NA	NA	NA	NA	NA	1.8	1.3	5.1	15	1/2	7/8	6 x 18	17.4	400	A	Small
HTSS-0200MT	KAR#-021E	9.1	2.2	16.6	25	NA	NA	NA	NA	NA	NA	NA	NA	1/2	7/8	6 x 18	17.4	400	A	Small
HTSS-0200MT	KAK#-020E	NA	NA	NA	NA	5.8	2.2	12.5	15	NA	NA	NA	NA	1/2	7/8	6 x 18	17.4	400	A	Small
HTSS-0201MT	ERC#-021E	NA	NA	NA	NA	7.9	2.2	15.1	20	NA	NA	NA	NA	1/2	7/8	6 x 23	22.3	650	B	Medium
HTSS-0201MT	ERC#-020E	NA	NA	NA	NA	NA	NA	NA	NA	3.1	1.3	6.7	15	1/2	7/8	6 x 23	22.3	650	B	Medium
HTSS-0300MT	ERF#-031E	15.3	2.2	24.3	35	11.2	2.2	19.2	30	5.2	1.3	9.3	15	1/2	1-1/8	6 x 23	22.3	650	B	Medium

Medium Temperature - R-448A/R-449A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp				
			0 °F	5 °F	10 °F	15 °F	20 °F
			Capacity	Capacity	Capacity	Capacity	Capacity
			BTUH	BTUH	BTUH	BTUH	BTUH
95	HTSS-0072MT	KANA-007E	3,400	4,050	4,720	5,410	6,110
95	HTSS-0100MT	KARA-010E	5,370	6,130	6,960	7,840	8,770
95	HTSS-0200MT	KAKA-020E	8,330	9,640	10,950	12,350	13,600
95	HTSS-0201MT	ERCA-021E	10,100	11,950	13,700	15,600	17,700
95	HTSS-0300MT	ERFA-031E	14,980	17,400	20,020	22,740	25,500

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp				
			0 °F	5 °F	10 °F	15 °F	20 °F
			Capacity	Capacity	Capacity	Capacity	Capacity
			BTUH	BTUH	BTUH	BTUH	BTUH
105	HTSS-0072MT	KANA-007E	2,950	3,530	4,170	4,760	5,340
105	HTSS-0100MT	KARA-010E	4,830	5,530	6,290	7,100	7,960
105	HTSS-0200MT	KAKA-020E	7,510	8,680	9,950	11,150	12,250
105	HTSS-0201MT	ERCA-021E	8,990	10,650	12,300	14,150	15,900
105	HTSS-0300MT	ERFA-031E	13,560	15,820	18,260	20,730	23,220

R-448A/R-449A has a significant "glide" or variation of temperature as it evaporates at one pressure. Performance Tables show capacity for selections at the midpoint of this temperature range to best reflect the actual operation needed to produce the Evaporating or Suction Temperature shown in the Table.

H-Series Legacy Condensing Units

HTSD Copeland Discus Compressors

Low Temperature - R-404A Specifications

Condensing Unit Model	Compressor	208/3/60				460/3/60				REF. LINES		STD RCVR	RCVR	EST SHIP	DEFAULT	CABINET
		COMP				COMP				LIQ OD	SUCT OD	DIAXHGT	CAP	WEIGHT	COND	SIZE
		RLA	RLA	MCA	MOPD	RLA	RLA	MCA	MOPD	IN	IN	IN	LBS	LBS		
HTSD-0300LS	2DF3F16KE	14.4	2.2	23.2	35	7.1	1.3	11.7	15	5/8	1-3/8	6 x 23	21.4	650	B	Medium
HTSD-0400LS	2DL3F20KE	23.6	2.2	34.7	50	9.2	1.3	14.3	20	5/8	1-3/8	6 x 30	27.9	650	B	Medium
HTSD-0600LS	2DB3F25KE	25.3	2.2	36.8	60	11.9	1.3	17.7	25	5/8	1-3/8	6 x 30	27.9	650	B	Medium
HTSD-0601LS	3DA3F28KE	24.0	3.8	36.8	60	10.8	2.3	17.3	25	5/8	1-3/8	8-5/8 x 30	53.9	650	D	Medium
HTSD-0750LS	3DB3F33KE	27.6	5.9	43.4	70	14.1	3.5	22.6	35	5/8	1-3/8	10-3/4 x 30	82.3	1250	E	Large
HTSD-0900LS	3DF3F40KE	33.2	5.9	50.4	80	15.0	3.5	23.8	35	5/8	1-3/8	10-3/4 x 30	82.3	1250	E	Large
HTSD-1000LS	3DS3F46KE	37.2	5.9	55.4	90	16.7	3.5	25.9	40	7/8	1-3/8	12-3/4 x 30	100.1	1250	F	Large
HTSD-1500LS	4DHN63KE	47.2	7.7	69.7	110	23.6	4.6	35.6	50	7/8	1-5/8	12-3/4 x 30	100.1	1575	J	X-Large
HTSD-2200LS	4DJNF76KE	57.7	7.7	82.8	125	28.8	4.6	42.1	70	1-1/8	2-1/8	12-3/4 x 30	100.1	1575	J	X-Large

Low Temperature - R-404A Performance

			Mid Suction Temp								
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	0 °F
Ambient Temp	Condensing Unit Model	Compressor	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity
			BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH
95	HTSD-0300LS	2DF3F16KE	10,800	12,800	15,000	17,400	20,000	22,800	25,900	29,100	32,300
95	HTSD-0400LS	2DL3F20KE	12,600	14,900	17,300	20,000	22,900	26,000	29,400	32,900	36,400
95	HTSD-0600LS	2DB3F25KE	15,100	17,700	20,700	24,100	27,300	31,000	35,000	39,250	43,500
95	HTSD-0601LS	3DA3F28KE	17,800	20,800	23,900	27,300	30,800	34,850	38,900	43,550	48,200
95	HTSD-0750LS	3DB3F33KE	21,300	25,100	28,800	33,100	37,400	42,500	47,600	53,600	59,600
95	HTSD-0900LS	3DF3F40KE	25,700	29,700	34,400	39,500	44,600	50,500	56,500	63,500	70,500
95	HTSD-1000LS	3DS3F46KE	29,800	34,500	39,600	45,200	51,000	57,000	64,000	71,000	78,000
95	HTSD-1500LS	4DHNF63KE	39,000	46,700	54,400	62,400	70,400	79,300	88,400	99,000	109,500
95	HTSD-2200LS	4DJNF76KE	46,950	55,800	64,660	74,150	83,640	94,110	104,580	115,690	126,800

			Mid Suction Temp								
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	0 °F
Ambient Temp	Condensing Unit Model	Compressor	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity
			BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH
105	HTSD-0300LS	2DF3F16KE	8,700	10,800	12,800	15,100	17,400	20,100	22,700	26,200	28,700
105	HTSD-0400LS	2DL3F20KE	10,500	12,700	14,900	17,500	20,000	22,900	25,900	29,500	32,300
105	HTSD-0600LS	2DB3F25KE	13,200	15,800	18,700	21,700	24,900	28,000	31,600	35,500	39,100
105	HTSD-0601LS	3DA3F28KE	15,200	18,150	21,100	24,350	27,600	31,500	35,400	39,550	43,700
105	HTSD-0750LS	3DB3F33KE	18,700	20,400	25,900	30,100	34,300	39,000	43,500	48,300	54,400
105	HTSD-0900LS	3DF3F40KE	22,800	26,900	31,000	35,700	40,800	45,800	51,500	57,000	62,500
105	HTSD-1000LS	3DS3F46KE	26,700	31,300	36,100	41,300	46,900	52,000	58,500	65,000	71,500
105	HTSD-1500LS	4DHNF63KE	34,100	41,100	48,100	55,400	62,700	71,000	79,200	88,000	98,600
105	HTSD-2200LS	4DJNF76KE	40,600	49,140	57,690	66,190	74,690	84,300	93,910	104,570	115,230

H-Series Legacy Condensing Units

HTSD Copeland Discus Compressors

Medium Temperature - R-404A Specifications

Condensing Unit Model	Compressor	208/3/60				460/3/60				REF. LINES		STD RCVR	RCVR	EST SHIP	DEFAULT	CABINET
		COMP				COMP				LIQ OD	SUCT OD	DIAXHGT	CAP	WEIGHT	COND	SIZE
		RLA	RLA	MCA	MOPD	RLA	RLA	MCA	MOPD	IN	IN	IN	LBS	LBS		
HTSD-0500MS	2DC3R53KE	20.0	2.2	30.2	50	9.4	1.3	14.6	20	5/8	1-3/8	6 x 30	27.9	650	B	Medium
HTSD-0501MS	2DD3R63KE	20.0	2.2	30.2	50	9.4	1.3	14.6	20	5/8	1-3/8	6 x 30	27.9	650	B	Medium
HTSD-0750MS	2DL3R78KE	28.3	3.8	42.2	70	12.4	2.3	19.3	30	5/8	1-3/8	8-5/8 x 30	53.9	650	D	Medium
HTSD-0751MS	2DA3R89KE	28.7	5.9	44.8	70	12.6	3.5	20.8	30	5/8	1-3/8	12-3/4 x 30	100.1	1250	E	Large
HTSD-0752MS	3DA3R10ME	36.8	5.9	54.9	90	17.9	3.5	27.4	45	5/8	1-3/8	12-3/4 x 30	100.1	1250	E	Large
HTSD-1000MS	3DB3R12ME	39.1	5.9	57.8	90	17.9	3.5	27.4	45	5/8	1-3/8	12-3/4 x 30	100.1	1250	F	Large
HTSD-1200MS	3DF3R15ME	43.2	7.7	64.7	100	21.2	4.6	32.6	50	7/8	1-3/8	12-3/4 x 30	100.1	1575	J	X-Large
HTSD-1500MS	3DS3R17ME	53.5	7.7	77.6	125	26.0	4.6	38.6	60	7/8	1-5/8	12-3/4 x 30	100.1	1575	J	X-Large

Medium Temperature - R-404A Performance

			Mid Suction Temp								
			5 °F	10 °F	15 °F	20 °F	25 °F	30 °F	35 °F	40 °F	45 °F
Ambient Temp	Condensing Unit Model	Compressor	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity
			BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH
95	HTSD-0500MS	2DC3R53KE	27,700	31,200	35,000	38,600	43,000	47,000	52,000	56,500	61,500
95	HTSD-0501MS	2DD3R63KE	32,900	36,600	40,900	45,600	50,000	54,500	60,000	65,000	70,000
95	HTSD-0750MS	2DL3R78KE	40,500	44,800	50,000	55,000	60,500	66,000	72,000	77,500	84,000
95	HTSD-0751MS	2DA3R89KE	48,900	54,000	59,500	66,000	72,500	79,000	86,500	93,500	101,000
95	HTSD-0752MS	3DA3R10ME	56,000	62,000	68,500	75,000	82,500	89,500	98,000	106,000	114,000
95	HTSD-1000MS	3DB3R12ME	67,500	74,000	82,000	89,500	98,000	106,000	116,000	125,000	135,000
95	HTSD-1200MS	3DF3R15ME	85,600	94,800	104,500	114,900	125,700	137,000	148,800	161,000	175,000
95	HTSD-1500MS	3DS3R17ME	93600	103500	114000	124900	136400	148300	160700	174000	189000

			Mid Suction Temp											
			5 °F	10 °F	15 °F	20 °F	25 °F	30 °F	35 °F	40 °F	45 °F			
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH		
Ambient Temp	Condensing Unit Model	Compressor	105	HTSD-0500MS	2DC3R53KE	24,900	28,000	31,000	34,600	38,400	42,100	46,300	51,000	55,000
105	HTSD-0501MS	2DD3R63KE	29,300	32,800	36,700	40,300	44,700	49,200	53,500	58,000	63,000			
105	HTSD-0750MS	2DL3R78KE	36,700	40,500	45,100	49,400	54,500	59,000	64,000	70,000	75,500			
105	HTSD-0751MS	2DA3R89KE	44,400	49,300	54,000	59,500	65,500	71,000	77,500	84,500	91,000			
105	HTSD-0752MS	3DA3R10ME	51,000	56,500	62,500	68,400	75,000	82,000	88,500	95,000	103,000			
105	HTSD-1000MS	3DB3R12ME	61,000	67,500	74,500	81,000	89,000	97,000	105,000	112,000	122,000			
105	HTSD-1200MS	3DF3R15ME	78,000	86,300	95,100	104,300	113,900	124,000	134,500	146,000	157,000			
105	HTSD-1500MS	3DS3R17ME	85300	94200	103500	113300	123500	134000	147000	158000	169000			

H-Series Legacy Condensing Units

HTSD Copeland Discus Compressors

Low Temperature - R-407A Specifications

Condensing Unit Model	Compressor	208/3/60				460/3/60				REF. LINES		STD RCVR	RCVR	EST SHIP	DEFAULT	CABINET
		COMP				COMP				LIQ OD	SUCT OD	DIAXHGT	CAP	WEIGHT	COND	SIZE
		RLA	RLA	MCA	MOPD	RLA	RLA	MCA	MOPD	IN	IN	IN	LBS	LBS		
HTSD-0300LQ	2DF3F16KE	14.4	2.2	23.2	35	7.1	1.3	11.7	15	5/8	1-3/8	6 x 23	23.4	650	B	Medium
HTSD-0400LQ	2DL3F20KE	23.6	2.2	34.7	50	9.2	1.3	14.3	20	5/8	1-3/8	6 x 30	30.4	650	B	Medium
HTSD-0600LQ	2DB3F25KE	25.3	2.2	36.8	60	11.9	1.3	17.7	25	5/8	1-3/8	6 x 30	30.4	650	B	Medium
HTSD-0601LQ	3DA3F28KE	24.0	3.8	36.8	60	10.8	2.3	17.3	25	5/8	1-3/8	8-5/8 x 30	59.0	650	D	Medium
HTSD-0750LQ	3DB3F33KE	27.6	5.9	43.4	70	14.1	3.5	22.6	35	5/8	1-3/8	10-3/4 x 30	90.0	1250	E	Large
HTSD-0900LQ	3DF3F40KE	33.2	5.9	50.4	80	15.0	3.5	23.8	35	7/8	1-3/8	10-3/4 x 30	90.0	1250	E	Large
HTSD-1000LQ	3DS3F46KE	37.2	5.9	55.4	90	16.7	3.5	25.9	40	7/8	1-3/8	12-3/4 x 30	109.4	1250	F	Large
HTSD-1500LQ	4DHN63KE	47.2	7.7	69.7	110	23.6	4.6	35.6	50	7/8	1-5/8	12-3/4 x 30	109.4	1575	J	X-Large
HTSD-2200LQ	4DJNF76KE	57.7	7.7	82.8	125	28.8	4.6	42.1	70	1-1/8	2-1/8	12-3/4 x 30	109.4	1575	J	X-Large

Low Temperature - R-407A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp								
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	0 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
95	HTSD-0300LQ	2DF3F16KE	8,100	10,000	12,100	14,200	16,700	19,400	22,500	25,900	28,900
95	HTSD-0400LQ	2DL3F20KE	9,500	11,700	14,200	16,900	19,900	23,100	26,500	30,200	33,900
95	HTSD-0600LQ	2DB3F25KE	12,200	14,900	17,850	21,000	24,200	28,000	31,800	36,200	40,600
95	HTSD-0601LQ	3DA3F28KE	13,400	16,700	20,200	23,900	27,600	32,100	36,500	42,600	48,700
95	HTSD-0750LQ	3DB3F33KE	17,600	21,600	25,700	30,000	34,600	39,500	45,000	51,000	57,900
95	HTSD-0900LQ	3DF3F40KE	19,950	24,400	29,500	35,000	40,400	47,000	53,700	61,800	69,900
95	HTSD-1000LQ	3DS3F46KE	21,900	27,200	32,900	39,000	45,000	52,300	59,500	67,700	75,900
95	HTSD-1500LQ	4DHN63KE	33,200	40,000	47,200	55,100	63,400	72,300	81,700	91,700	103,000
95	HTSD-2200LQ	4DJNF76KE	43,700	51,030	58,370	68,630	78,900	91,400	103,910	116,620	131,000

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp								
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	0 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
105	HTSD-0300LQ	2DF3F16KE	6,700	8,500	10,300	12,400	14,500	17,100	19,700	23,400	26,200
105	HTSD-0400LQ	2DL3F20KE	8,100	10,200	12,300	14,900	17,500	20,700	23,800	27,400	30,900
105	HTSD-0600LQ	2DB3F25KE	10,950	13,200	15,700	18,550	21,700	24,900	28,800	32,900	37,000
105	HTSD-0601LQ	3DA3F28KE	10,950	14,150	17,450	20,700	24,500	28,700	32,900	37,600	42,300
105	HTSD-0750LQ	3DB3F33KE	14,300	18,200	22,100	26,500	30,800	36,000	41,100	46,600	53,400
105	HTSD-0900LQ	3DF3F40KE	15,900	21,000	25,500	30,700	36,400	42,000	48,300	55,200	62,100
105	HTSD-1000LQ	3DS3F46KE	17,850	23,000	28,400	33,700	39,900	46,700	53,600	61,900	70,200
105	HTSD-1500LQ	4DHN63KE	28,300	35,100	41,900	49,500	57,100	65,500	74,000	83,100	93,000
105	HTSD-2200LQ	4DJNF76KE	36,950	44,640	52,340	61,690	71,040	82,700	94,360	105,960	118,580

R-407A has a significant "glide" or variation of temperature as it evaporates at one pressure. Performance Tables show capacity for selections at the midpoint of this temperature range to best reflect the actual operation needed to produce the Evaporating or Suction Temperature shown in the Table.

H-Series Legacy Condensing Units

HTSD Copeland Discus Compressors

Medium Temperature - R-407A Specifications

Condensing Unit Model	Compressor	208/3/60				460/3/60				REF. LINES		STD RCVR	RCVR	EST SHIP	DEFAULT	CABINET
		COMP				COMP				LIQ OD	SUCT OD	DIAxHGT	CAP	WEIGHT	COND	SIZE
		RLA	RLA	MCA	MOPD	RLA	RLA	MCA	MOPD	IN	IN	IN	LBS	LBS		
HTSD-0500MQ	2DC3R53KE	20.0	2.2	30.2	50	9.4	1.3	14.6	20	5/8	1-3/8	6 x 30	30.4	650	B	Medium
HTSD-0501MQ	2DD3R63KE	20.0	2.2	30.2	50	9.4	1.3	14.6	20	5/8	1-3/8	6 x 30	30.4	650	B	Medium
HTSD-0750MQ	2DL3R78KE	28.3	3.8	42.2	70	12.4	2.3	19.3	30	5/8	1-3/8	8-5/8 x 30	59.0	650	D	Medium
HTSD-0751MQ	2DA3R89KE	28.7	5.9	44.8	70	12.6	3.5	20.8	30	5/8	1-3/8	12-3/4 x 30	109.4	1250	E	Large
HTSD-0752MQ	3DA3R10ME	36.8	5.9	54.9	90	17.9	3.5	27.4	45	5/8	1-3/8	12-3/4 x 30	109.4	1250	E	Large
HTSD-1000MQ	3DB3R12ME	39.1	5.9	57.8	90	17.9	3.5	27.4	45	7/8	1-3/8	12-3/4 x 30	109.4	1250	F	Large
HTSD-1200MQ	3DF3R15ME	43.2	7.7	64.7	100	21.2	4.6	32.6	50	7/8	1-3/8	12-3/4 x 30	109.4	1575	J	X-Large
HTSD-1500MQ	3DS3R17ME	53.5	7.7	77.6	125	26.0	4.6	38.6	60	7/8	1-5/8	12-3/4 x 30	109.4	1575	J	X-Large

Medium Temperature - R-407A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp									
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F	30 °F	35 °F	40 °F	45 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
95	HTSD-0500MQ	2DC3R53KE	24,100	27,100	30,600	34,700	38,800	43,700	48,500	53,700	59,300	N/A
95	HTSD-0501MQ	2DD3R63KE	28,100	31,300	35,400	39,500	44,400	49,300	54,700	60,500	66,600	N/A
95	HTSD-0750MQ	2DL3R78KE	36,400	40,900	45,300	50,500	55,800	61,400	67,600	74,400	81,600	N/A
95	HTSD-0751MQ	2DA3R89KE	40,500	45,900	51,800	58,200	64,700	72,200	79,800	87,500	97,100	N/A
95	HTSD-0752MQ	3DA3R10ME	47,200	53,200	60,600	68,100	76,100	85,300	93,300	103,500	112,500	N/A
95	HTSD-1000MQ	3DB3R12ME	57,400	64,400	73,000	81,600	91,700	101,500	112,000	122,500	133,000	N/A
95	HTSD-1200MQ	3DF3R15ME	67,800	76,900	87,100	98,100	109,900	122,300	135,100	148,300	163,500	N/A
95	HTSD-1500MQ	3DS3R17ME	78800	89100	1000400	112300	125100	138200	151800	168000	183000	N/A

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp									
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F	30 °F	35 °F	40 °F	45 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
105	HTSD-0500MQ	2DC3R53KE	21,700	24,500	27,800	31,400	35,100	39,600	44,000	49,300	54,500	N/A
105	HTSD-0501MQ	2DD3R63KE	25,500	28,700	32,300	36,300	40,300	44,800	50,200	55,500	61,200	N/A
105	HTSD-0750MQ	2DL3R78KE	33,300	37,400	41,400	46,200	50,900	56,600	62,300	68,500	75,200	N/A
105	HTSD-0751MQ	2DA3R89KE	37,000	41,900	47,300	53,300	59,100	65,400	72,900	80,900	88,500	N/A
105	HTSD-0752MQ	3DA3R10ME	42,100	48,300	55,100	62,000	70,100	77,800	85,900	94,100	102,500	N/A
105	HTSD-1000MQ	3DB3R12ME	51,900	58,500	66,500	74,400	82,900	92,700	102,000	111,500	121,000	N/A
105	HTSD-1200MQ	3DF3R15ME	61,700	70,100	79,500	89,700	100,500	111,900	123,600	136,000	149,000	N/A
105	HTSD-1500MQ	3DS3R17ME	72000	81900	91700	103500	115200	127200	141000	154000	167000	N/A

R-407A has a significant "glide" or variation of temperature as it evaporates at one pressure. Performance Tables show capacity for selections at the midpoint of this temperature range to best reflect the actual operation needed to produce the Evaporating or Suction Temperature shown in the Table.

H-Series Legacy Condensing Units

HTSD Copeland Discus Compressors

Low Temperature - R-448A/R-449A Specifications

Condensing Unit Model	Compressor	208/3/60				460/3/60				REF. LINES		STD RCVR	RCVR	EST SHIP	DEFAULT	CABINET
		COMP				COMP				LIQ OD	SUCT OD	DIAXHGT	CAP	WEIGHT	COND	SIZE
		RLA	RLA	MCA	MOPD	RLA	RLA	MCA	MOPD	IN	IN	IN	LBS	LBS		
HTSD-0300LT	2DF3F16KE	14.4	2.2	23.2	35	7.1	1.3	11.7	15	5/8	1-3/8	6 x 23	22.3	650	B	Medium
HTSD-0400LT	2DL3F20KE	23.6	2.2	34.7	50	9.2	1.3	14.3	20	5/8	1-3/8	6 x 30	29.0	650	B	Medium
HTSD-0600LT	2DB3F25KE	25.3	2.2	36.8	60	11.9	1.3	17.7	25	5/8	1 3/8	6 x 30	29.0	650	B	Medium
HTSD-0601LT	3DA3F28KE	24.0	3.8	36.8	60	10.8	2.3	17.3	25	5/8	1-3/8	8-5/8 x 30	56.2	650	D	Medium
HTSD-0750LT	3DB3F33KE	27.6	5.9	43.4	70	14.1	3.5	22.6	35	7/8	1-3/8	10-3/4 x 30	85.8	1250	E	Large
HTSD-0900LT	3DF3F40KE	33.2	5.9	50.4	80	15.0	3.5	23.8	35	7/8	1-3/8	10-3/4 x 30	85.8	1250	E	Large
HTSD-1000LT	3DS3F46KE	37.2	5.9	55.4	90	16.7	3.5	25.9	40	7/8	1-3/8	12-3/4 x 30	104.3	1250	F	Large
HTSD-1500LT	4DHNF63KE	47.2	7.7	69.7	110	23.6	4.6	35.6	50	7/8	1-5/8	12-3/4 x 30	104.3	1575	J	X-Large
HTSD-2200LT	4DJNF76KE	57.7	7.7	82.8	125	28.8	4.6	42.1	70	1-1/8	2-1/8	12-3/4 x 30	104.3	1575	J	X-Large

Low Temperature - R-448A/R-449A Performance

			Mid Suction Temp								
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	0 °F
Ambient Temp	Condensing Unit Model	Compressor	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
95	HTSD-0300LT	2DF3F16KE	8,900	10,800	12,800	15,100	17,600	20,500	23,700	27,300	30,900
95	HTSD-0400LT	2DL3F20KE	10,400	12,700	15,200	17,900	21,000	24,400	27,900	31,700	35,500
95	HTSD-0600LT	2DB3F25KE	12,500	15,500	18,350	21,600	25,100	28,700	32,700	37,500	42,300
95	HTSD-0601LT	3DA3F28KE	14,750	17,550	20,800	24,800	28,600	32,900	38,400	43,300	48,200
95	HTSD-0750LT	3DB3F33KE	19,300	23,200	27,300	31,600	36,400	41,600	47,300	53,600	59,900
95	HTSD-0900LT	3DF3F40KE	21,500	25,700	30,800	36,400	42,000	48,800	55,800	63,500	71,200
95	HTSD-1000LT	3DS3F46KE	23,500	28,700	34,300	39,900	46,700	53,500	61,900	70,400	78,900
95	HTSD-1500LT	4DHNF63KE	34,900	42,400	50,200	58,300	66,800	75,900	85,400	95,600	105,800
95	HTSD-2200LT	4DJNF76KE	43,780	53,490	63,200	73,580	83,960	97,000	110,040	123,180	136,320

			Mid Suction Temp								
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	0 °F
Ambient Temp	Condensing Unit Model	Compressor	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity
			BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH	BTUH
105	HTSD-0300LT	2DF3F16KE	7,700	9,400	11,300	13,400	15,800	18,400	21,400	24,700	28,000
105	HTSD-0400LT	2DL3F20KE	9,200	11,200	13,400	16,000	18,900	21,900	25,300	28,800	32,300
105	HTSD-0600LT	2DB3F25KE	10,850	13,450	16,300	19,300	22,600	25,900	29,900	34,200	38,500
105	HTSD-0601LT	3DA3F28KE	12,400	15,000	18,050	21,500	25,100	29,400	33,900	39,200	44,500
105	HTSD-0750LT	3DB3F33KE	16,100	19,900	23,800	28,000	32,600	37,600	43,100	49,100	55,100
105	HTSD-0900LT	3DF3F40KE	17,150	21,700	26,600	31,500	37,300	43,100	50,300	57,500	64,700
105	HTSD-1000LT	3DS3F46KE	19,300	24,300	29,700	35,100	41,500	47,900	55,700	63,800	71,900
105	HTSD-1500LT	4DHNF63KE	29,500	36,800	44,400	52,100	60,200	68,700	77,900	86,900	95,900
105	HTSD-2200LT	4DJNF76KE	36,280	45,630	54,980	65,300	75,620	87,500	99,380	110,860	122,340

R-448A/R-449A has a significant "glide" or variation of temperature as it evaporates at one pressure. Performance Tables show capacity for selections at the midpoint of this temperature range to best reflect the actual operation needed to produce the Evaporating or Suction Temperature shown in the Table.

H-Series Legacy Condensing Units

HTSD Copeland Discus Compressors

Medium Temperature - R-448A/R-449A Specifications

Condensing Unit Model	Compressor	208/3/60				460/3/60				REF. LINES		STD RCVR	RCVR	EST SHIP	DEFAULT	CABINET
		COMP				COMP				LIQ OD	SUCT OD	DIAxHGT	CAP	WEIGHT	COND	SIZE
		RLA	RLA	MCA	MOPD	RLA	RLA	MCA	MOPD	IN	IN	IN	LBS	LBS		
HTSD-0500MT	2DC3R53KE	20.0	2.2	30.2	50	9.4	1.3	14.6	20	5/8	1-3/8	6 x 30	29.0	650	B	Medium
HTSD-0501MT	2DD3R63KE	20.0	2.2	30.2	50	9.4	1.3	14.6	20	5/8	1-3/8	6 x 30	29.0	650	B	Medium
HTSD-0750MT	2DL3R78KE	28.3	3.8	42.2	70	12.4	2.3	19.3	30	5/8	1-3/8	8-5/8 x 30	56.2	650	D	Medium
HTSD-0751MT	2DA3R89KE	28.7	5.9	44.8	70	12.6	3.5	20.8	30	5/8	1-3/8	12-3/4 x 30	104.3	1250	E	Large
HTSD-0752MT	3DA3R10ME	36.8	5.9	54.9	90	17.9	3.5	27.4	45	7/8	1-3/8	12-3/4 x 30	104.3	1250	E	Large
HTSD-1000MT	3DB3R12ME	39.1	5.9	57.8	90	17.9	3.5	27.4	45	7/8	1-3/8	12-3/4 x 30	104.3	1250	F	Large
HTSD-1200MT	3DF3R15ME	43.2	7.7	64.7	100	21.2	4.6	32.6	50	7/8	1-3/8	12-3/4 x 30	104.3	1575	J	X-Large
HTSD-1500MT	3DS3R17ME	53.5	7.7	77.6	125	26.0	4.6	38.6	60	7/8	1-5/8	12-3/4 x 30	104.3	1575	J	X-Large

Medium Temperature - R-448A/R-449A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp									
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F	30 °F	35 °F	40 °F	45 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
95	HTSD-0500MT	2DC3R53KE	24,700	28,000	31,700	35,400	39,800	44,700	49,500	54,600	60,000	N/A
95	HTSD-0501MT	2DD3F63KE	28,800	32,500	36,600	40,700	45,700	50,700	55,900	61,500	67,400	N/A
95	HTSD-0750MT	2DL3R78KE	37,200	41,900	46,500	51,400	57,200	62,900	69,000	75,600	82,600	N/A
95	HTSD-0751MT	2DA3R89KE	42,000	47,500	53,500	60,000	66,500	74,000	81,400	89,100	98,100	N/A
95	HTSD-0752MT	3DA3R10ME	49,600	55,900	63,300	71,200	78,900	86,800	95,100	104,500	113,500	N/A
95	HTSD-1000MT	3DB3R12ME	60,200	68,300	76,200	85,300	94,200	103,500	113,000	124,000	134,500	N/A
95	HTSD-1200MT	3DF3R15ME	72,800	82,200	92,300	103,200	114,600	126,500	138,800	151,300	164,000	N/A
95	HTSD-1500MT	3DS3R17ME	83800	94400	105800	117700	130100	142900	156000	170500	185000	N/A

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp									
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F	30 °F	35 °F	40 °F	45 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
105	HTSD-0500MT	2DC3R53KE	22,500	25,500	28,500	32,100	36,200	40,200	44,500	49,600	54,600	N/A
105	HTSD-0501MT	2DD3F63KE	26,500	29,400	33,000	37,200	41,200	46,100	50,900	55,900	61,300	N/A
105	HTSD-0750MT	2DL3R78KE	33,800	38,100	42,700	47,100	52,400	57,600	63,100	69,100	75,500	N/A
105	HTSD-0751MT	2DA3R89KE	38,500	43,500	49,000	54,500	60,900	67,100	74,500	81,400	89,700	N/A
105	HTSD-0752MT	3DA3R10ME	44,400	51,000	57,500	65,000	72,100	79,400	87,000	95,700	103,500	N/A
105	HTSD-1000MT	3DB3R12ME	54,000	61,700	69,300	77,900	86,100	94,600	103,500	113,500	122,500	N/A
105	HTSD-1200MT	3DF3R15ME	66,000	74,900	84,400	94,500	105,100	116,000	127,200	138,000	150,500	N/A
105	HTSD-1500MT	3DS3R17ME	76800	86900	97500	108600	120000	131800	143000	155000	169000	N/A

R-448A/R-449A has a significant "glide" or variation of temperature as it evaporates at one pressure. Performance Tables show capacity for selections at the midpoint of this temperature range to best reflect the actual operation needed to produce the Evaporating or Suction Temperature shown in the Table.

H-Series Legacy Condensing Units

HTSB Bitzer Ecoline Compressors - Motor 2

Low Temperature - R-404A Specifications

Condensing Unit Model	Compressor	208/3/60				460/3/60				LIQ OD IN	SUCTION OD IN	STD RCVR DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT COND	CABINET SIZE
		COMP RLA	FAN RLA	MCA	MOPD	COMP RLA	FAN RLA	MCA	MOPD							
HTSE-0050LS	2KES-05	5.4	2.2	12.0	15	2.6	1.3	6.1	15	1/2	5/8	6 x 18	16.7	400	A	Small
HTSE-0070LS	2JES-07	6.7	2.2	13.6	20	3.2	1.3	6.8	15	1/2	5/8	6 x 18	16.7	400	A	Small
HTSB-0100LS	2HES-1	7.3	2.2	14.3	20	3.4	1.3	7.1	15	1/2	5/8	6 x 18	16.7	400	A	Small
HTSB-0150LS	2FES-2	10.0	2.2	17.7	25	4.6	1.3	8.6	15	1/2	5/8	6 x 18	16.7	400	A	Small
HTSB-0200LS	2EES-2	12.0	2.2	20.2	30	5.4	1.3	9.6	15	1/2	7/8	6 x 18	16.7	400	A	Small
HTSB-0220LS	2DES-2	13.1	2.2	21.6	30	6.4	1.3	10.8	15	1/2	7/8	6 x 23	21.4	650	B	Medium
HTSB-0300LS	2CES-3	14.9	2.2	23.8	35	7.0	1.3	11.6	15	1/2	7/8	6 x 23	21.4	650	B	Medium
HTSB-0400LS	4FES-3	20.1	2.2	30.3	50	9.0	1.3	14.1	20	5/8	7/8	6 x 30	27.9	650	B	Medium
HTSB-0500LS	4EES-4	22.4	2.2	33.2	50	10.3	1.3	15.7	25	5/8	1-3/8	6 x 30	27.9	650	B	Medium
HTSB-0600LS	4DES-5	23.0	3.8	35.6	50	12.0	2.3	18.8	30	5/8	1-3/8	8-5/8 x 30	53.9	650	D	Medium
HTSB-0650LS	4CES-6	27.9	3.8	41.7	60	15.8	2.3	23.6	35	5/8	1-3/8	8-5/8 x 30	53.9	650	D	Medium
HTSB-0700LS	4VES-7	27.1	3.8	40.7	60	13.6	2.3	20.8	30	5/8	1-3/8	8-5/8 x 30	53.9	650	D	Medium
HTSB-0900LS	4TES-9	31.4	5.9	48.2	70	15.7	3.5	24.6	40	5/8	1-3/8	10-3/4 x 30	82.3	1250	E	Large
HTSB-1000LS	4PES-12	38.6	5.9	57.2	90	19.3	3.5	29.1	45	5/8	1-5/8	10-3/4 x 30	82.3	1250	E	Large
HTSB-1200LS	4NES-14	44.3	5.9	64.3	100	22.1	3.5	32.6	50	7/8	1-5/8	10-3/4 x 30	82.3	1250	E	Large
HTSB-1400LS	4JE-15	55.7	5.9	78.5	125	27.9	3.5	39.9	60	7/8	1-5/8	12-3/4 x 30	100.1	1250	F	Large
HTSB-1600LS	4HE-18	60.3	7.7	86.1	125	30.1	4.6	43.7	70	7/8	2-1/8	12-3/4 x 30	100.1	1575	J	X-Large
HTSB-1900LS	4GE-23	64.3	7.7	91.1	150	32.1	4.6	46.2	70	7/8	2-1/8	12-3/4 x 30	100.1	1575	J	X-Large

Bitzer Ecoline compressors with motor 2 (M2) are capable of operation for low temperature and medium temperature up to the limits shown on these tables. Bitzer Ecoline compressors with the larger motor 1 (M1) are recommended for medium temperature applications with suction temperatures above +20°F.

H-Series Legacy Condensing Units

HTSB Bitzer Ecoline Compressors - Motor 2

Low Temperature - R-404A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp								
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	0 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
95	HTSB-0050LS	2KES-05	1,260	1,660	2,110	2,580	3,110	3,670	4,280	4,940	5,650
95	HTSB-0070LS	2JES-07	2,040	2,560	3,130	3,740	4,410	5,120	5,900	6,720	7,620
95	HTSB-0100LS	2HES-1	2,720	3,350	4,030	4,780	5,560	6,430	7,340	8,320	9,360
95	HTSB-0150LS	2FES-2	4,040	4,920	5,850	6,850	7,920	9,050	10,250	11,510	12,840
95	HTSB-0200LS	2EES-2	5,090	6,200	7,400	8,580	9,970	11,320	12,750	14,460	16,070
95	HTSB-0220LS	2DES-2	6,240	8,250	9,820	11,500	13,320	15,270	17,380	19,630	22,040
95	HTSB-0300LS	2CES-3	8,720	10,460	12,320	14,340	16,490	18,810	21,280	23,920	26,750
95	HTSB-0400LS	4FES-3	9,700	11,340	13,160	15,170	17,380	19,790	22,400	25,300	28,300
95	HTSB-0500LS	4EES-4	12,080	14,170	16,470	18,780	21,500	24,500	27,800	31,000	34,800
95	HTSB-0600LS	4DES-5	14,240	16,710	19,430	22,400	25,700	29,300	33,200	37,000	41,500
95	HTSB-0650LS	4CES-6	16,410	19,380	22,700	26,300	29,900	34,100	38,300	42,900	48,200
95	HTSB-0700LS	4VES-7	15,030	18,200	21,700	25,200	29,400	33,600	38,100	43,500	48,600
95	HTSB-0900LS	4TES-9	19,820	23,690	27,910	32,440	37,330	42,630	48,260	54,210	61,400
95	HTSB-1000LS	4PES-12	20,800	25,150	29,890	34,970	40,440	46,310	52,500	59,900	67,100
95	HTSB-1200LS	4NES-14	26,660	31,090	36,420	43,310	49,710	56,560	62,500	70,100	78,200
95	HTSB-1400LS	4JE-15	31,300	37,300	43,400	50,600	57,700	66,100	74,300	83,000	92,200
95	HTSB-1600LS	4HE-18	39,650	46,930	54,720	63,050	71,940	81,400	91,440	103,000	114,200

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp								
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	0 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
105	HTSB-0050LS	2KES-05	980	1,350	1,760	2,190	2,660	3,170	3,720	4,310	4,950
105	HTSB-0070LS	2JES-07	1,660	2,140	2,670	3,230	3,830	4,480	5,180	5,940	6,740
105	HTSB-0100LS	2HES-1	2,220	2,840	3,430	4,100	4,830	5,600	6,430	7,320	8,260
105	HTSB-0150LS	2FES-2	3,390	4,200	5,060	5,970	6,930	7,950	9,030	10,160	11,350
105	HTSB-0200LS	2EES-2	4,290	5,290	6,380	7,430	8,690	9,880	11,320	12,670	14,080
105	HTSB-0220LS	2DES-2	5,840	6,470	7,670	10,130	11,780	13,560	15,460	17,480	19,680
105	HTSB-0300LS	2CES-3	7,580	9,180	10,880	12,710	14,670	16,760	19,000	21,380	23,910
105	HTSB-0400LS	4FES-3	8,540	10,150	11,800	13,620	15,610	17,780	20,100	22,700	25,400
105	HTSB-0500LS	4EES-4	10,570	12,450	14,510	16,780	19,270	22,000	24,900	27,700	31,100
105	HTSB-0600LS	4DES-5	12,620	14,860	17,320	20,000	23,000	25,900	29,400	33,200	37,200
105	HTSB-0650LS	4CES-6	14,450	17,130	20,100	23,100	26,600	30,500	34,300	38,300	43,100
105	HTSB-0700LS	4VES-7	12,780	15,640	18,510	22,000	25,800	29,500	33,500	38,400	43,000
105	HTSB-0900LS	4TES-9	17,110	20,650	24,460	28,570	32,980	37,720	42,790	48,200	53,880
105	HTSB-1000LS	4PES-12	17,530	21,510	25,820	30,420	35,350	40,560	46,190	52,010	58,900
105	HTSB-1200LS	4NES-14	22,870	26,920	31,760	36,920	42,350	49,900	56,440	61,600	68,700
105	HTSB-1400LS	4JE-15	27,100	32,600	38,100	44,600	51,000	58,600	65,900	73,700	81,900
105	HTSB-1600LS	4HE-18	34,790	41,490	48,560	56,140	64,190	72,750	81,810	91,390	101,340

Bitzer Ecoline compressors with motor 2 (M2) are capable of operation for low temperature and medium temperature up to the limits shown on these tables.

Bitzer Ecoline compressors with the larger motor 1 (M1) are recommended for medium temperature applications with suction temperatures above +20°F.

H-Series Legacy Condensing Units

HTSB Bitzer Ecoline Compressors - Motor 2

Medium Temperature - R-404A Specifications

Condensing Unit Model	Compressor	208/3/60				460/3/60				LIQ OD IN	SUCTION OD IN	STD RCVR DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT COND	CABINET SIZE
		COMP RLA	FAN RLA	MCA	MOPD	COMP RLA	FAN RLA	MCA	MOPD							
HTSE-0050MS	2KES-05	5.4	2.2	12.0	15	2.6	1.3	6.1	15	1/2	5/8	6 x 18	16.7	400	A	Small
HTSE-0070MS	2JES-07	6.7	2.2	13.6	20	3.2	1.3	6.8	15	1/2	5/8	6 x 18	16.7	400	A	Small
HTSB-0100MS	2HES-1	7.3	2.2	14.3	20	3.4	1.3	7.1	15	1/2	5/8	6 x 18	16.7	400	A	Small
HTSB-0150MS	2FES-2	10.0	2.2	17.7	25	4.6	1.3	8.6	15	1/2	5/8	6 x 30	27.9	650	B	Medium
HTSB-0200MS	2EES-2	12.0	2.2	20.2	30	5.4	1.3	9.6	15	1/2	7/8	6 x 30	27.9	650	B	Medium
HTSB-0220MS	2DES-2	13.1	2.2	21.6	30	6.4	1.3	10.8	15	1/2	7/8	6 x 30	27.9	650	B	Medium
HTSB-0300MS	2CES-3	14.9	2.2	23.8	35	7.0	1.3	11.6	15	5/8	7/8	6 x 30	27.9	650	B	Medium
HTSB-0400MS	4FES-3	20.1	3.8	31.9	50	9.0	2.3	15.1	20	5/8	7/8	8-5/8 x 30	53.9	650	D	Medium
HTSB-0500MS	4EES-4	22.4	5.9	36.9	50	10.3	3.5	17.9	25	5/8	1-1/8	10-3/4 X 30	82.3	1250	E	Large
HTSB-0600MS	4DES-5	23.0	5.9	37.7	60	12.0	3.5	20.0	30	5/8	1-1/8	12-3/4 X 30	100.1	1250	E	Large
HTSB-0650MS	4CES-6	27.9	5.9	43.8	70	15.8	3.5	24.8	40	5/8	1-1/8	12-3/4 X 30	100.1	1250	F	Large
HTSB-0700MS	4VES-7	27.1	5.9	42.8	60	13.6	3.5	22.0	35	5/8	1-1/8	12-3/4 X 30	100.1	1250	F	Large
HTSB-0900MS	4TES-9	31.4	7.7	50.0	80	15.7	4.6	25.7	40	7/8	1-3/8	12-3/4 X 30	100.1	1575	J	X-Large
HTSB-1000MS	4PES-12	38.6	7.7	59.0	90	19.3	4.6	30.2	45	7/8	1-5/8	12-3/4 X 30	100.1	1575	J	X-Large
HTSB-1200MS	4NES-14	44.3	7.7	66.1	110	22.1	4.6	33.7	50	7/8	1-5/8	12-3/4 X 30	100.1	1575	J	X-Large
HTSB-1400MS	4JE-15	55.7	7.7	80.3	125	27.9	4.6	41.0	60	7/8	1-5/8	12-3/4 X 30	100.1	1575	J	X-Large

Bitzer Ecoline compressors with motor 2 (M2) are capable of operation for low temperature and medium temperature up to the limits shown on these tables. Bitzer Ecoline compressors with the larger motor 1 (M1) are recommended for medium temperature applications with suction temperatures above +20°F.

H-Series Legacy Condensing Units

HTSB Bitzer Ecoline Compressors - Motor 2

Medium Temperature - R-404A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp						
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F	30 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
95	HTSB-0050MS	2KES-05	5,650	6,440	7,260	8,140	9,070	10,060	11,110
95	HTSB-0070MS	2JES-07	7,620	8,600	9,620	10,710	11,870	13,070	14,360
95	HTSB-0100MS	2HES-1	9,360	10,540	11,730	12,990	14,310	15,690	17,130
95	HTSB-0150MS	2FES-2	12,840	14,340	15,860	17,410	18,990	20,610	22,270
95	HTSB-0200MS	2EES-2	18,680	20,990	23,410	26,000	28,750	31,680	34,770
95	HTSB-0220MS	2DES-2	22,040	24,730	27,480	30,420	33,560	36,830	40,300
95	HTSB-0300MS	2CES-3	26,750	29,880	33,060	36,450	40,010	43,750	47,640
95	HTSB-0400MS	4FES-3	28,900	32,300	35,900	39,400	43,600	48,000	52,800
95	HTSB-0500MS	4EES-4	37,000	41,490	46,160	51,120	56,450	62,020	67,960
95	HTSB-0600MS	4DES-5	43,250	48,380	53,710	59,360	65,410	71,720	78,350
95	HTSB-0650MS	4CES-6	52,010	56,740	62,880	69,370	76,230	83,420	90,880
95	HTSB-0700MS	4VES-7	52,740	57,700	64,110	70,960	78,070	85,490	93,230
95	HTSB-0900MS	4TES-9	66,430	70,290	77,920	85,980	94,740	103,140	112,240
95	HTSB-1000MS	4PES-12	73,880	77,330	83,310	90,720	98,760	106,410	114,830
95	HTSB-1200MS	4NES-14	86,680	97,400	108,250	119,730	131,850	144,570	N/A

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp						
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F	30 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
105	HTSB-0050MS	2KES-05	4,950	5,660	6,390	7,180	8,020	8,930	9,870
105	HTSB-0070MS	2JES-07	6,740	7,630	8,550	9,540	10,580	11,680	12,850
105	HTSB-0100MS	2HES-1	8,260	9,340	10,410	11,560	12,760	14,020	15,340
105	HTSB-0150MS	2FES-2	13,060	14,740	16,510	18,390	20,420	22,590	24,890
105	HTSB-0200MS	2EES-2	16,640	18,750	20,960	23,300	25,800	28,450	31,280
105	HTSB-0220MS	2DES-2	19,680	22,120	24,610	27,290	30,120	33,090	36,210
105	HTSB-0300MS	2CES-3	23,910	26,760	29,640	32,710	35,890	39,270	42,790
105	HTSB-0400MS	4FES-3	26,000	28,700	31,900	35,400	39,000	43,000	47,100
105	HTSB-0500MS	4EES-4	33,220	37,250	41,470	45,970	50,740	55,860	61,250
105	HTSB-0600MS	4DES-5	38,830	43,500	48,340	53,480	58,920	64,660	70,690
105	HTSB-0650MS	4CES-6	46,640	50,920	56,500	62,430	68,690	75,380	82,490
105	HTSB-0700MS	4VES-7	46,870	51,410	57,230	63,380	69,850	76,740	83,960
105	HTSB-0900MS	4TES-9	59,300	60,460	69,720	77,020	84,400	92,870	101,330
105	HTSB-1000MS	4PES-12	65,500	68,640	76,270	84,710	93,790	103,440	113,660
105	HTSB-1200MS	4NES-14	77,210	86,870	96,820	107,090	118,070	129,500	142,800

Bitzer Ecoline compressors with motor 2 (M2) are capable of operation for low temperature and medium temperature up to the limits shown on these tables.
 Bitzer Ecoline compressors with the larger motor 1 (M1) are recommended for medium temperature applications with suction temperatures above +20°F.

H-Series Legacy Condensing Units

HTSB Bitzer Ecoline Compressors - Motor 2

Low Temperature - R-407A Specifications

Condensing Unit Model	Compressor	208/3/60				460/3/60				LIQ OD IN	SUCTION OD IN	STD RCVR DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT COND	CABINET SIZE
		COMP RLA	FAN RLA	MCA	MOPD	COMP RLA	FAN RLA	MCA	MOPD							
HTSB-0050LQ	2KES-05	5.4	2.2	12.0	15	2.6	1.3	6.1	15	1/2	5/8	6 x 18	18.3	400	A	Small
HTSB-0070LQ	2JES-07	6.7	2.2	13.6	20	3.2	1.3	6.8	15	1/2	5/8	6 x 18	18.3	400	A	Small
HTSB-0100LQ	2HES-1	7.3	2.2	14.3	20	3.4	1.3	7.1	15	1/2	5/8	6 x 18	18.3	400	A	Small
HTSB-0150LQ	2FES-2	10.0	2.2	17.7	25	4.6	1.3	8.6	15	1/2	5/8	6 x 18	18.3	400	A	Small
HTSB-0200LQ	2EES-2	12.0	2.2	20.2	30	5.4	1.3	9.6	15	1/2	7/8	6 x 18	18.3	400	A	Small
HTSB-0220LQ	2DES-2	13.1	2.2	21.6	30	6.4	1.3	10.8	15	1/2	7/8	6 x 23	23.4	650	B	Medium
HTSB-0300LQ	2CES-3	14.9	2.2	23.8	35	7.0	1.3	11.6	15	1/2	7/8	6 x 23	23.4	650	B	Medium
HTSB-0400LQ	4FES-3	20.1	2.2	30.3	50	9.0	1.3	14.1	20	5/8	7/8	6 x 30	30.4	650	B	Medium
HTSB-0500LQ	4EES-4	22.4	2.2	33.2	50	10.3	1.3	15.7	25	5/8	1-3/8	6 x 30	30.4	650	B	Medium
HTSB-0600LQ	4DES-5	23.0	3.8	35.6	50	12.0	2.3	18.8	30	5/8	1-3/8	8-5/8 x 30	59.0	650	D	Medium
HTSB-0650LQ	4CES-6	27.9	3.8	41.7	60	15.8	2.3	23.6	35	5/8	1-3/8	8-5/8 x 30	59.0	650	D	Medium
HTSB-0700LQ	4VES-7	27.1	3.8	40.7	60	13.6	2.3	20.8	30	5/8	1-3/8	8-5/8 x 30	59.0	650	D	Medium
HTSB-0900LQ	4TES-9	31.4	5.9	48.2	70	15.7	3.5	24.6	40	5/8	1-3/8	10-3/4 x 30	90.0	1250	E	Large
HTSB-1000LQ	4PES-12	38.6	5.9	57.2	90	19.3	3.5	29.1	45	5/8	1-5/8	10-3/4 x 30	90.0	1250	E	Large
HTSB-1200LQ	4NES-14	44.3	5.9	64.3	100	22.1	3.5	32.6	50	7/8	1-5/8	10-3/4 x 30	90.0	1250	E	Large
HTSB-1400LQ	4JE-15	55.7	5.9	78.5	125	27.9	3.5	39.9	60	7/8	1-5/8	12-3/4 x 30	109.4	1250	F	Large
HTSB-1600LS	4HE-18	60.3	7.7	86.1	125	30.1	4.6	43.7	70	7/8	2-1/8	12-3/4 x 30	109.4	1575	J	X-Large
HTSB-1900LS	4GE-23	64.3	7.7	91.1	150	32.1	4.6	46.2	70	7/8	2-1/8	12-3/4 x 30	109.4	1575	J	X-Large

Bitzer Ecoline compressors with motor 2 (M2) are capable of operation for low temperature and medium temperature up to the limits shown on these tables. Bitzer Ecoline compressors with the larger motor 1 (M1) are recommended for medium temperature applications with suction temperatures above +20°F.

H-Series Legacy Condensing Units

HTSB Bitzer Ecoline Compressors - Motor 2

Low Temperature - R-407A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp								
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	0 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
95	HTSB-0050LQ	2KES-05	1,230	1,640	2,090	2,580	3,120	3,700	4,350	5,050	5,840
95	HTSB-0070LQ	2JES-07	1,900	2,430	3,010	3,640	4,320	5,060	5,870	6,750	7,740
95	HTSB-0100LQ	2HES-1	2,610	3,250	3,940	4,700	5,530	6,450	7,430	8,510	9,710
95	HTSB-0150LQ	2FES-2	4,000	4,900	5,880	6,930	8,080	9,330	10,670	12,110	13,760
95	HTSB-0200LQ	2EES-2	3,840	4,850	5,970	7,120	8,380	9,890	11,260	13,060	15,040
95	HTSB-0220LQ	2DES-2	5,240	6,040	7,300	8,650	11,320	13,230	15,330	17,630	20,180
95	HTSB-0300LQ	2CES-3	6,880	8,450	10,180	12,060	14,150	16,420	18,910	21,610	24,640
95	HTSB-0400LQ	4FES-3	7,670	9,310	11,150	13,350	15,640	17,970	20,700	23,800	27,100
95	HTSB-0500LQ	4EES-4	8,800	10,820	13,080	15,600	18,410	21,500	24,900	28,400	32,400
95	HTSB-0600LQ	4DES-5	9,890	12,190	14,770	17,650	20,800	24,400	28,300	32,600	37,300
95	HTSB-0650LQ	4CES-6	13,330	16,210	19,440	22,800	26,700	30,700	35,100	40,300	45,600
95	HTSB-0700LQ	4VES-7	11,020	13,650	16,950	21,400	25,300	30,000	34,700	39,800	45,300
95	HTSB-0900LQ	4TES-9	15,690	19,620	23,870	28,440	33,440	38,860	44,690	50,970	57,990
95	HTSB-1000LQ	4PES-12	15,820	20,260	25,060	30,270	35,860	41,910	48,440	55,600	63,300
95	HTSB-1200LQ	4NES-14	20,480	25,190	30,660	36,520	42,840	51,090	58,720	65,400	73,700
95	HTSB-1400LQ	4JE-15	2,100	26,100	32,200	37,500	45,400	53,300	61,800	71,100	81,000
95	HTSB-1600LQ	4HE-18	27,070	33,140	40,590	51,220	60,380	70,290	80,830	92,140	104,820

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp								
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	0 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
105	HTSB-0050LQ	2KES-05	960	1,340	1,760	2,210	2,710	3,250	3,850	4,500	5,220
105	HTSB-0070LQ	2JES-07	1,580	2,080	2,620	3,200	3,830	4,510	5,260	6,080	6,980
105	HTSB-0100LQ	2HES-1	2,240	2,830	3,460	4,170	4,930	5,770	6,690	7,680	8,790
105	HTSB-0150LQ	2FES-2	3,480	4,310	5,210	6,190	7,250	8,390	9,620	10,960	12,450
105	HTSB-0200LQ	2EES-2	3,190	4,110	5,130	6,180	7,440	8,710	10,100	11,770	13,430
105	HTSB-0220LQ	2DES-2	4,440	5,200	6,360	7,610	8,960	11,810	13,750	15,880	18,250
105	HTSB-0300LQ	2CES-3	5,970	6,730	9,010	10,750	12,670	14,770	17,060	19,560	22,350
105	HTSB-0400LQ	4FES-3	6,620	8,110	9,910	11,790	13,870	16,180	18,730	21,500	24,600
105	HTSB-0500LQ	4EES-4	7,580	9,420	11,490	13,800	16,370	19,210	22,100	25,500	28,900
105	HTSB-0600LQ	4DES-5	8,490	10,580	12,930	15,570	18,500	21,500	25,000	28,900	33,300
105	HTSB-0650LQ	4CES-6	11,490	14,090	17,010	20,300	23,600	27,600	32,000	36,400	41,200
105	HTSB-0700LQ	4VES-7	8,500	11,100	14,080	17,480	22,100	26,300	30,600	35,200	40,800
105	HTSB-0900LQ	4TES-9	13,370	17,010	20,910	25,130	29,740	34,690	40,060	45,790	52,350
105	HTSB-1000LQ	4PES-12	13,030	17,110	21,540	26,300	31,440	37,000	42,950	49,360	56,690
105	HTSB-1200LQ	4NES-14	17,350	21,740	26,750	32,150	37,900	44,090	52,450	60,020	68,500

Bitzer Ecoline compressors with motor 2 (M2) are capable of operation for low temperature and medium temperature up to the limits shown on these tables.

Bitzer Ecoline compressors with the larger motor 1 (M1) are recommended for medium temperature applications with suction temperatures above +20°F.

R-407A has a significant "glide" or variation of temperature as it evaporates at one pressure. Performance Tables show capacity for selections at the midpoint of this temperature range to best reflect the actual operation needed to produce the Evaporating or Suction Temperature shown in the Table.

H-Series Legacy Condensing Units

HTSB Bitzer Ecoline Compressors - Motor 2

Medium Temperature - R-407A Specifications

Condensing Unit Model	Compressor	208/3/60				460/3/60				LIQ OD IN	SUCTION OD IN	STD RCVR DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT COND	CABINET SIZE
		COMP RLA	FAN RLA	MCA	MOPD	COMP RLA	FAN RLA	MCA	MOPD							
HTSE-0050MQ	2KES-05	5.4	2.2	12.0	15	2.6	1.3	6.1	15	1/2	5/8	6 x 18	18.3	400	A	Small
HTSE-0070MQ	2IES-07	6.7	2.2	13.6	20	3.2	1.3	6.8	15	1/2	5/8	6 x 18	18.3	400	A	Small
HTSB-0100MQ	2HES-1	7.3	2.2	14.3	20	3.4	1.3	7.1	15	1/2	5/8	6 x 18	18.3	400	A	Small
HTSB-0150MQ	2FES-2	10.0	2.2	17.7	25	4.6	1.3	8.6	15	1/2	5/8	6 x 30	30.4	650	B	Medium
HTSB-0200MQ	2EES-2	12.0	2.2	20.2	30	5.4	1.3	9.6	15	1/2	7/8	6 x 30	30.4	650	B	Medium
HTSB-0220MQ	2DES-2	13.1	2.2	21.6	30	6.4	1.3	10.8	15	1/2	7/8	6 x 30	30.4	650	B	Medium
HTSB-0300MQ	2CES-3	14.9	2.2	23.8	35	7.0	1.3	11.6	15	5/8	7/8	6 x 30	30.4	650	B	Medium
HTSB-0400MQ	4FES-3	20.1	3.8	31.9	50	9.0	2.3	15.1	20	5/8	7/8	8-5/8 x 30	59.0	650	D	Medium
HTSB-0500MQ	4EES-4	22.4	5.9	36.9	50	10.3	3.5	17.9	25	5/8	1-1/8	10-3/4 x 30	90.0	1250	E	Large
HTSB-0600MQ	4DES-5	23.0	5.9	37.7	60	12.0	3.5	20.0	30	5/8	1-1/8	12-3/4 x 30	109.4	1250	E	Large
HTSB-0650MQ	4CES-6	27.9	5.9	43.8	70	15.8	3.5	24.8	40	5/8	1-1/8	12-3/4 x 30	109.4	1250	F	Large
HTSB-0700MQ	4VES-7	27.1	5.9	42.8	60	13.6	3.5	22.0	35	5/8	1-1/8	12-3/4 x 30	109.4	1250	F	Large
HTSB-0900MQ	4TES-9	31.4	7.7	50.0	80	15.7	4.6	25.7	40	7/8	1-3/8	12-3/4 x 30	109.4	1575	J	X-Large
HTSB-1000MQ	4PES-12	38.6	7.7	59.0	90	19.3	4.6	30.2	45	7/8	1-5/8	12-3/4 x 30	109.4	1575	J	X-Large
HTSB-1200MQ	4NES-14	44.3	7.7	66.1	110	22.1	4.6	33.7	50	7/8	1-5/8	12-3/4 x 30	109.4	1575	J	X-Large
HTSB-1400MQ	4JE-15	55.7	7.7	80.3	125	27.9	4.6	41.0	60	7/8	1-5/8	12-3/4 x 30	109.4	1575	J	X-Large

Bitzer Ecoline compressors with motor 2 (M2) are capable of operation for low temperature and medium temperature up to the limits shown on these tables. Bitzer Ecoline compressors with the larger motor 1 (M1) are recommended for medium temperature applications with suction temperatures above +20°F.

H-Series Legacy Condensing Units

HTSB Bitzer Ecoline Compressors - Motor 2

Medium Temperature - R-407A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp					
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
95	HTSB-0050MQ	2KES-05	5,840	6,680	7,590	8,590	9,660	10,820
95	HTSB-0070MQ	2JES-07	7,740	8,780	9,910	11,140	12,450	13,850
95	HTSB-0100MQ	2HES-1	9,710	10,970	12,330	13,790	15,350	17,020
95	HTSB-0150MQ	2FES-2	15,310	17,350	19,570	21,980	24,560	27,370
95	HTSB-0200MQ	2EES-2	17,030	19,400	21,980	24,750	27,760	30,990
95	HTSB-0220MQ	2DES-2	20,180	22,930	25,880	29,090	32,540	36,200
95	HTSB-0300MQ	2CES-3	24,640	27,840	31,330	35,050	39,050	43,320
95	HTSB-0400MQ	4FES-3	27,600	31,000	35,000	39,400	43,600	48,700
95	HTSB-0500MQ	4EES-4	34,190	38,770	43,740	49,090	54,850	60,960
95	HTSB-0600MQ	4DES-5	39,480	44,740	50,360	56,480	62,980	69,930
95	HTSB-0650MQ	4CES-6	47,930	54,030	60,590	67,580	75,050	85,840
95	HTSB-0700MQ	4VES-7	48,170	54,540	61,440	68,760	76,500	87,990
95	HTSB-0900MQ	4TES-9	57,990	67,330	75,580	89,930	100,380	111,650
95	HTSB-1000MQ	4PES-12	69,510	74,020	89,290	100,270	112,040	124,600
95	HTSB-1200MQ	4NES-14	81,540	92,300	103,780	115,970	129,120	143,000

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp					
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
105	HTSB-0050MQ	2KES-05	5,220	6,000	6,850	7,770	8,770	9,840
105	HTSB-0070MQ	2JES-07	6,980	7,960	9,000	10,140	11,350	12,660
105	HTSB-0100MQ	2HES-1	8,790	9,970	11,230	12,590	14,040	15,590
105	HTSB-0150MQ	2FES-2	13,930	15,840	17,910	20,140	22,580	25,190
105	HTSB-0200MQ	2EES-2	15,340	17,540	19,940	22,540	25,340	28,380
105	HTSB-0220MQ	2DES-2	18,250	20,770	23,530	26,500	29,710	33,180
105	HTSB-0300MQ	2CES-3	22,350	25,340	28,530	32,010	35,750	39,720
105	HTSB-0400MQ	4FES-3	24,900	28,300	31,900	35,600	39,900	44,600
105	HTSB-0500MQ	4EES-4	30,930	35,170	39,760	44,720	50,110	55,840
105	HTSB-0600MQ	4DES-5	35,640	40,520	45,770	51,420	57,500	64,020
105	HTSB-0650MQ	4CES-6	44,450	49,110	55,220	61,730	68,710	78,720
105	HTSB-0700MQ	4VES-7	43,160	49,120	55,470	62,200	71,970	80,120
105	HTSB-0900MQ	4TES-9	56,650	59,020	68,570	76,620	91,690	102,150
105	HTSB-1000MQ	4PES-12	62,410	66,560	74,940	90,960	101,850	113,610
105	HTSB-1200MQ	4NES-14	73,600	83,400	94,060	105,520	117,660	N/A

Bitzer Ecoline compressors with motor 2 (M2) are capable of operation for low temperature and medium temperature up to the limits shown on these tables.

Bitzer Ecoline compressors with the larger motor 1 (M1) are recommended for medium temperature applications with suction temperatures above +20°F.

R-407A has a significant "glide" or variation of temperature as it evaporates at one pressure. Performance Tables show capacity for selections at the midpoint of this temperature range to best reflect the actual operation needed to produce the Evaporating or Suction Temperature shown in the Table.

H-Series Legacy Condensing Units

HTSB Bitzer Ecoline Compressors - Motor 2

Low Temperature - R-448A/R-449A Specifications

Condensing Unit Model	Compressor	208/3/60				460/3/60				LIQ OD IN	SUCTION OD IN	STD RCVR DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT COND	CABINET SIZE
		COMP RLA	FAN RLA	MCA	MOPD	COMP RLA	FAN RLA	MCA	MOPD							
H##E-0050LT	2KES-05	5.4	2.2	12.0	15	2.6	1.3	6.1	15	1/2	5/8	6 x 18	17.4	400	A	Small
H##E-0070LT	2JES-07	6.7	2.2	13.6	20	3.2	1.3	6.8	15	1/2	5/8	6 x 18	17.4	400	A	Small
H##B-0100LT	2HES-1	7.3	2.2	14.3	20	3.4	1.3	7.1	15	1/2	5/8	6 x 18	17.4	400	A	Small
H##B-0150LT	2FES-2	10.0	2.2	17.7	25	4.6	1.3	8.6	15	1/2	5/8	6 x 18	17.4	400	A	Small
H##B-0200LT	2EES-2	12.0	2.2	20.2	30	5.4	1.3	9.6	15	1/2	7/8	6 x 18	17.4	400	A	Small
H##B-0220LT	2DES-2	13.1	2.2	21.6	30	6.4	1.3	10.8	15	1/2	7/8	6 x 23	22.3	650	B	Medium
H##B-0300LT	2CES-3	14.9	2.2	23.8	35	7.0	1.3	11.6	15	1/2	7/8	6 x 23	22.3	650	B	Medium
H##B-0400LT	4FES-3	20.1	2.2	30.3	50	9.0	1.3	14.1	20	5/8	7/8	6 x 30	29.0	650	B	Medium
H##B-0500LT	4EES-4	22.4	2.2	33.2	50	10.3	1.3	15.7	25	5/8	1-3/8	6 x 30	29.0	650	B	Medium
H##B-0600LT	4DES-5	23.0	3.8	35.6	50	12.0	2.3	18.8	30	5/8	1-3/8	8-5/8 x 30	56.2	650	D	Medium
H##B-0650LT	4CES-6	27.9	3.8	41.7	60	15.8	2.3	23.6	35	5/8	1-3/8	8-5/8 x 30	56.2	650	D	Medium
HTSB-0700LT	4VES-7	27.1	3.8	40.7	60	13.6	2.3	20.8	30	5/8	1-3/8	8-5/8 x 30	56.2	650	D	Medium
HTSB-0900LT	4TES-9	31.4	5.9	48.2	70	15.7	3.5	24.6	40	5/8	1-3/8	10-3/4 x 30	85.8	1250	E	Large
HTSB-1000LT	4PES-12	38.6	5.9	57.2	90	19.3	3.5	29.1	45	5/8	1-5/8	10-3/4 x 30	85.8	1250	E	Large
HTSB-1200LT	4NES-14	44.3	5.9	64.3	100	22.1	3.5	32.6	50	7/8	1-5/8	10-3/4 x 30	85.8	1250	E	Large
HTSB-1400LT	4JE-15	55.7	5.9	78.5	125	27.9	3.5	39.9	60	7/8	1-5/8	12-3/4 x 30	104.3	1250	F	Large
HTSB-1600LT	4HE-18	60.3	7.7	86.1	125	30.1	4.6	43.7	70	7/8	2-1/8	12-3/4 x 30	104.3	1575	J	X-Large
HTSB-1900LT	4GE-23	64.3	7.7	91.1	150	32.1	4.6	46.2	70	7/8	2-1/8	12-3/4 x 30	104.3	1575	J	X-Large

Bitzer Ecoline compressors with motor 2 (M2) are capable of operation for low temperature and medium temperature up to the limits shown on these tables. Bitzer Ecoline compressors with the larger motor 1 (M1) are recommended for medium temperature applications with suction temperatures above +20°F.

H-Series Legacy Condensing Units

HTSB Bitzer Ecoline Compressors - Motor 2

Low Temperature - R-448A/R-449A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp								
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	0 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
95	HTSB-0050LT	2KES-05	1,060	1,460	1,900	2,380	2,910	3,480	4,120	4,800	5,580
95	HTSB-0070LT	2JES-07	1,640	2,170	2,730	3,340	4,010	4,740	5,540	6,400	7,370
95	HTSB-0100LT	2HES-1	2,260	2,880	3,570	4,320	5,130	6,020	6,990	8,040	9,220
95	HTSB-0150LT	2FES-2	3,410	4,300	5,260	6,300	7,420	8,650	9,960	11,360	12,920
95	HTSB-0200LT	2EES-2	4,270	5,240	6,390	7,680	8,980	10,400	12,090	13,790	15,620
95	HTSB-0220LT	2DES-2	5,960	6,720	8,030	10,480	12,290	14,270	16,430	18,780	21,420
95	HTSB-0300LT	2CES-3	7,730	9,370	11,160	13,120	15,260	17,600	20,160	22,950	26,030
95	HTSB-0400LT	4FES-3	7,870	9,550	11,430	13,520	15,830	18,380	21,200	24,300	27,700
95	HTSB-0500LT	4EES-4	9,610	11,690	14,020	16,620	19,490	22,400	25,900	29,400	33,500
95	HTSB-0600LT	4DES-5	10,810	13,190	15,850	18,810	22,100	25,700	29,400	33,800	38,100
95	HTSB-0650LT	4CES-6	14,250	17,200	20,500	24,200	27,900	32,300	36,800	41,700	47,500
95	HTSB-0700LT	4VES-7	12,490	15,610	19,100	22,700	27,000	31,300	36,100	41,700	47,500
95	HTSB-0900LT	4TES-9	17,670	21,580	25,840	30,470	35,510	40,980	46,920	53,270	60,450
95	HTSB-1000LT	4PES-12	18,200	22,580	27,340	32,520	38,150	44,270	50,760	56,700	65,200
95	HTSB-1200LT	4NES-14	23,770	28,350	33,800	39,650	47,350	54,530	59,500	67,700	75,700
95	HTSB-1400LT	4JE-15	27,100	32,700	39,500	46,300	54,400	62,600	71,400	80,900	91,200
95	HTSB-1600LT	4HE-18	35,650	43,070	51,110	59,710	68,960	78,920	89,610	99,300	112,700

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp								
			-40 °F	-35 °F	-30 °F	-25 °F	-20 °F	-15 °F	-10 °F	-5 °F	0 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
105	HTSB-0050LT	2KES-05	760	1,140	1,560	2,000	2,490	3,010	3,590	4,220	4,920
105	HTSB-0070LT	2JES-07	1,280	1,780	2,300	2,870	3,490	4,160	4,880	5,670	6,550
105	HTSB-0100LT	2HES-1	1,820	2,390	3,020	3,720	4,460	5,280	6,160	7,120	8,210
105	HTSB-0150LT	2FES-2	2,760	3,580	4,470	5,430	6,460	7,570	8,770	10,040	11,490
105	HTSB-0200LT	2EES-2	3,510	4,460	5,520	6,590	7,890	9,190	10,750	12,300	13,970
105	HTSB-0220LT	2DES-2	5,120	5,840	7,030	8,320	10,960	12,780	14,770	16,960	19,400
105	HTSB-0300LT	2CES-3	6,750	8,260	9,930	11,720	13,700	15,870	18,240	20,790	23,660
105	HTSB-0400LT	4FES-3	6,770	8,280	10,130	12,040	14,170	16,520	19,110	21,700	24,800
105	HTSB-0500LT	4EES-4	8,210	10,100	12,210	14,560	17,180	20,100	23,300	26,800	30,300
105	HTSB-0600LT	4DES-5	9,210	11,350	13,970	16,680	19,440	22,700	26,400	30,400	34,400
105	HTSB-0650LT	4CES-6	12,530	15,220	18,230	21,300	25,000	28,700	32,800	37,700	42,500
105	HTSB-0700LT	4VES-7	9,250	11,940	16,470	19,720	23,700	27,600	32,000	37,200	42,400
105	HTSB-0900LT	4TES-9	15,140	18,750	22,700	26,940	31,580	36,620	42,040	47,880	54,520
105	HTSB-1000LT	4PES-12	15,180	19,210	23,600	28,310	33,480	39,030	44,960	51,420	57,900
105	HTSB-1200LT	4NES-14	20,260	24,520	29,500	34,870	40,580	48,420	55,430	60,100	68,100
105	HTSB-1400LT	4JE-15	19,670	25,000	34,600	40,800	47,600	55,800	63,900	72,600	82,000

Bitzer Ecoline compressors with motor 2 [M2] are capable of operation for low temperature and medium temperature up to the limits shown on these tables.

Bitzer Ecoline compressors with the larger motor 1 [M1] are recommended for medium temperature applications with suction temperatures above +20°F.

R-448A/R-449A has a significant "glide" or variation of temperature as it evaporates at one pressure. Performance Tables show capacity for selections at the midpoint of this temperature range to best reflect the actual operation needed to produce the Evaporating or Suction Temperature shown in the Table.

H-Series Legacy Condensing Units

HTSB Bitzer Ecoline Compressors - Motor 2

Medium Temperature - R-448A/R-449A Specifications

Condensing Unit Model	Compressor	208/3/60				460/3/60				LIQ OD IN	SUCTION OD IN	STD RCVR DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT COND	CABINET SIZE
		COMP RLA	FAN RLA	MCA	MOPD	COMP RLA	FAN RLA	MCA	MOPD							
HTSB-0050MT	2KES-05	5.4	2.2	12.0	15	2.6	1.3	6.1	15	1/2	5/8	6 x 18	17.4	400	A	Small
HTSB-0070MT	2JES-07	6.7	2.2	13.6	20	3.2	1.3	6.8	15	1/2	5/8	6 x 18	17.4	400	A	Small
HTSB-0100MT	2HES-1	7.3	2.2	14.3	20	3.4	1.3	7.1	15	1/2	5/8	6 x 18	17.4	400	A	Small
HTSB-0150MT	2FES-2	10.0	2.2	17.7	25	4.6	1.3	8.6	15	1/2	5/8	6 x 30	29.0	650	B	Medium
HTSB-0200MT	2EES-2	12.0	2.2	20.2	30	5.4	1.3	9.6	15	1/2	7/8	6 x 30	29.0	650	B	Medium
HTSB-0220MT	2DES-2	13.1	2.2	21.6	30	6.4	1.3	10.8	15	1/2	7/8	6 x 30	29.0	650	B	Medium
HTSB-0300MT	2CES-3	14.9	2.2	23.8	35	7.0	1.3	11.6	15	5/8	7/8	6 x 30	29.0	650	B	Medium
HTSB-0400MT	4FES-3	20.1	3.8	31.9	50	9.0	2.3	15.1	20	5/8	7/8	8-5/8 x 30	56.2	650	D	Medium
HTSB-0500MT	4EES-4	22.4	5.9	36.9	50	10.3	3.5	17.9	25	5/8	1-1/8	10-3/4 x 30	85.8	1250	E	Large
HTSB-0600MT	4DES-5	23.0	5.9	37.7	60	12.0	3.5	20.0	30	5/8	1-1/8	12-3/4 x 30	104.3	1250	E	Large
HTSB-0650MT	4CES-6	27.9	5.9	43.8	70	15.8	3.5	24.8	40	5/8	1-1/8	12-3/4 x 30	104.3	1250	F	Large
HTSB-0700MT	4VES-7	27.1	5.9	42.8	60	13.6	3.5	22.0	35	5/8	1-1/8	12-3/4 x 30	104.3	1250	F	Large
HTSB-0900MT	4TES-9	31.4	7.7	50.0	80	15.7	4.6	25.7	40	7/8	1-3/8	12-3/4 x 30	104.3	1575	J	X-Large
HTSB-1000MT	4PES-12	38.6	7.7	59.0	90	19.3	4.6	30.2	45	7/8	1-5/8	12-3/4 x 30	104.3	1575	J	X-Large
HTSB-1200MT	4NES-14	44.3	7.7	66.1	110	22.1	4.6	33.7	50	7/8	1-5/8	12-3/4 x 30	104.3	1575	J	X-Large
HTSB-1400MT	4JE-15	55.7	7.7	80.3	125	27.9	4.6	41.0	60	7/8	1-5/8	12-3/4 x 30	104.3	1575	J	X-Large

Bitzer Ecoline compressors with motor 2 (M2) are capable of operation for low temperature and medium temperature up to the limits shown on these tables. Bitzer Ecoline compressors with the larger motor 1 (M1) are recommended for medium temperature applications with suction temperatures above +20°F.

H-Series Legacy Condensing Units

HTSB Bitzer Ecoline Compressors - Motor 2

Medium Temperature - R-448A/R-449A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp					
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
95	HTSB-0050MT	2KES-05	5,580	6,400	7,290	8,260	9,300	10,420
95	HTSB-0070MT	2JES-07	7,370	8,390	9,480	10,680	11,940	13,290
95	HTSB-0100MT	2HES-1	9,220	10,450	11,770	13,180	14,680	16,270
95	HTSB-0150MT	2FES-2	14,620	16,630	18,810	21,190	23,720	26,450
95	HTSB-0200MT	2EES-2	18,110	20,520	23,140	25,980	29,040	32,290
95	HTSB-0220MT	2DES-2	21,420	24,210	27,220	30,460	33,970	37,730
95	HTSB-0300MT	2CES-3	26,030	29,310	32,840	36,640	40,700	45,010
95	HTSB-0400MT	4FES-3	27,900	31,700	35,700	39,700	44,500	49,600
95	HTSB-0500MT	4EES-4	36,150	40,860	45,900	51,380	57,200	63,500
95	HTSB-0600MT	4DES-5	41,750	47,090	52,840	59,090	65,730	72,820
95	HTSB-0650MT	4CES-6	51,710	56,790	63,440	70,570	80,710	89,220
95	HTSB-0700MT	4VES-7	50,860	57,400	64,430	71,950	82,820	91,790
95	HTSB-0900MT	4TES-9	65,610	70,130	78,510	93,650	104,410	115,920
95	HTSB-1000MT	4PES-12	72,800	77,000	93,180	104,410	116,560	129,530
95	HTSB-1200MT	4NES-14	86,050	97,020	108,700	121,220	134,570	148,400

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp					
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
105	HTSB-0050MT	2KES-05	4,920	5,670	6,480	7,360	8,310	9,320
105	HTSB-0070MT	2JES-07	6,550	7,480	8,480	9,550	10,700	11,940
105	HTSB-0100MT	2HES-1	8,210	9,330	10,540	11,840	13,230	14,680
105	HTSB-0150MT	2FES-2	13,110	12,950	16,980	19,150	21,500	24,040
105	HTSB-0200MT	2EES-2	16,370	18,610	21,070	23,710	26,560	29,620
105	HTSB-0220MT	2DES-2	19,400	21,980	24,800	27,840	31,100	34,600
105	HTSB-0300MT	2CES-3	23,660	26,710	29,980	33,500	37,310	41,350
105	HTSB-0400MT	4FES-3	25,400	28,800	32,200	36,200	40,600	44,900
105	HTSB-0500MT	4EES-4	32,770	37,120	41,830	46,910	52,370	58,230
105	HTSB-0600MT	4DES-5	37,790	42,710	48,080	53,870	60,080	66,670
105	HTSB-0650MT	4CES-6	46,970	51,660	57,860	64,440	73,910	81,960
105	HTSB-0700MT	4VES-7	45,780	51,840	58,300	67,470	75,400	83,780
105	HTSB-0900MT	4TES-9	54,520	61,320	71,220	85,220	95,250	106,010
105	HTSB-1000MT	4PES-12	65,250	69,100	77,510	94,460	105,750	117,710
105	HTSB-1200MT	4NES-14	77,470	87,480	98,250	109,810	122,160	N/A

Bitzer Ecoline compressors with motor 2 [M2] are capable of operation for low temperature and medium temperature up to the limits shown on these tables.

Bitzer Ecoline compressors with the larger motor 1 [M1] are recommended for medium temperature applications with suction temperatures above +20°F.

R-448A/R-449A has a significant "glide" or variation of temperature as it evaporates at one pressure. Performance Tables show capacity for selections at the midpoint of this temperature range to best reflect the actual operation needed to produce the Evaporating or Suction Temperature shown in the Table.

H-Series Legacy Condensing Units

HTSE Bitzer Ecoline Compressors - Motor 1

Medium Temperature - R-404A Specifications

Condensing Unit Model	Compressor	208/3/60				460/3/60				LIQ OD IN	SUCTION OD IN	STD RCVR DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT COND	CABINET SIZE
		COMP RLA	FAN RLA	MCA	MOPD	COMP RLA	FAN RLA	MCA	MOPD							
HTSE-0050MS	2KES-05	5.4	2.2	12.0	15	2.6	1.3	6.1	15	1/2	5/8	6 x 18	16.7	400	A	Small
HTSE-0070MS	2JES-07	6.7	2.2	13.6	20	3.2	1.3	6.8	15	1/2	5/8	6 x 18	16.7	400	A	Small
HTSE-0100MS	2HES-2	11.1	2.2	19.1	30	4.5	1.3	8.4	15	1/2	5/8	6 x 18	16.7	400	A	Small
HTSE-0150MS	2FES-3	12.6	2.2	21.0	30	5.7	1.3	9.9	15	1/2	5/8	6 x 30	27.9	650	B	Medium
HTSE-0200MS	2EES-3	15.6	2.2	24.7	40	7.3	1.3	11.9	15	1/2	7/8	6 x 30	27.9	650	B	Medium
HTSE-0220MS	2DES-3	17.0	2.2	26.5	40	8.1	1.3	12.9	20	1/2	7/8	6 x 30	27.9	650	B	Medium
HTSE-0300MS	2CES-4	20.3	2.2	30.6	50	9.1	1.3	14.2	20	5/8	7/8	6 x 30	27.9	650	B	Medium
HTSE-0400MS	4FES-5	27.0	3.8	40.6	60	14.6	2.3	22.1	35	5/8	7/8	8-5/8 x 30	53.9	650	D	Medium
HTSE-0500MS	4EES-6	31.3	5.9	48.0	70	14.9	3.5	23.6	35	5/8	1-1/8	10-3/4 x 30	82.3	1250	E	Large
HTSE-0600MS	4DES-7	34.5	5.9	52.0	80	17.0	3.5	26.3	40	5/8	1-1/8	12-3/4 x 30	100.1	1250	E	Large
HTSE-0700MS	4VES-10	42.9	5.9	62.5	100	21.4	3.5	31.8	50	5/8	1-1/8	12-3/4 x 30	100.1	1250	F	Large
HTSE-0900MS	4TES-12	47.1	7.7	69.6	110	23.6	4.6	35.6	50	7/8	1-3/8	12-3/4 x 30	100.1	1575	J	X-Large
HTSE-1000MS	4PES-15	54.3	7.7	78.6	125	27.1	4.6	40.0	60	7/8	1-5/8	12-3/4 x 30	100.1	1575	J	X-Large
HTSE-1200MS	4NES-20	64.3	7.7	91.1	150	32.1	4.6	46.2	70	7/8	1-5/8	12-3/4 x 30	100.1	1575	J	X-Large

H-Series Legacy Condensing Units

HTSE Bitzer Ecoline Compressors - Motor 1

Medium Temperature - R-404A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp									
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F	30 °F	35 °F	40 °F	45 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
95	HTSE-0100MS	2HES-2	9,570	10,770	11,980	13,270	14,610	16,020	17,500	19,020	20,610	22,200
95	HTSE-0150MS	2FES-3	14,690	14,340	18,490	20,580	22,800	25,170	27,700	30,330	33,150	36,100
95	HTSE-0200MS	2EES-3	18,690	21,020	23,430	26,020	28,790	31,680	34,750	38,020	41,430	44,900
95	HTSE-0220MS	2DES-3	22,100	24,760	27,540	30,470	33,600	36,890	40,340	43,940	47,690	51,600
95	HTSE-0300MS	2CES-4	26,800	29,920	33,130	36,500	40,040	43,740	47,580	51,630	55,750	60,000
95	HTSE-0400MS	4FES-5	28,900	32,300	35,900	39,400	43,500	48,000	52,700	57,100	62,300	67,100
95	HTSE-0500MS	4EES-6	36,520	41,000	45,640	50,640	55,880	61,460	67,340	73,500	80,010	86,600
95	HTSE-0600MS	4DES-7	43,350	48,530	53,830	59,460	65,470	71,710	78,250	85,170	92,260	99,600
95	HTSE-0700MS	4VES-10	53,020	57,980	64,450	71,190	78,260	89,630	98,050	106,690	117,900	127,600
95	HTSE-0900MS	4TES-12	66,460	70,340	78,040	86,050	102,780	113,300	124,390	135,890	148,070	160,800
95	HTSE-1000MS	4PES-15	73,610	77,080	92,860	103,350	114,320	126,040	138,190	150,900	164,130	177,600
95	HTSE-1200MS	4NES-20	87,050	97,750	108,560	119,990	132,030	144,660	158,800	172,700	189,600	N/A

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp									
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F	30 °F	35 °F	40 °F	45 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
105	HTSE-0100MS	2HES-2	8,490	9,570	10,670	11,830	13,050	14,340	15,660	N/A	N/A	N/A
105	HTSE-0150MS	2FES-3	13,060	12,700	13,990	18,340	20,340	22,460	24,720	27,130	29,670	32,400
105	HTSE-0200MS	2EES-3	16,690	18,780	20,970	23,320	25,800	28,420	31,210	34,130	37,240	40,400
105	HTSE-0220MS	2DES-3	19,740	22,150	24,660	27,310	30,100	33,070	36,140	39,440	42,820	46,300
105	HTSE-0300MS	2CES-4	23,980	26,810	29,680	32,710	35,890	39,200	42,640	46,270	50,000	53,800
105	HTSE-0400MS	4FES-5	26,000	28,700	31,900	35,300	39,000	42,900	47,100	50,700	55,300	60,100
105	HTSE-0500MS	4EES-6	32,760	36,790	40,960	45,400	50,160	55,190	60,470	66,010	71,790	77,800
105	HTSE-0600MS	4DES-7	38,970	43,650	48,430	53,490	58,830	64,530	70,410	77,200	83,200	89,300
105	HTSE-0700MS	4VES-10	47,150	51,630	57,450	63,590	69,940	80,240	87,960	95,800	105,100	115,100
105	HTSE-0900MS	4TES-12	59,400	60,500	69,770	76,960	92,250	101,810	111,900	122,510	133,620	144,500
105	HTSE-1000MS	4PES-15	65,350	68,470	75,980	86,330	102,220	112,700	123,880	135,700	147,200	161,300
105	HTSE-1200MS	4NES-20	77,770	87,450	97,180	107,470	118,320	129,690	143,700	153,800	168,600	N/A

H-Series Legacy Condensing Units

HTSE Bitzer Ecoline Compressors - Motor 1

Medium Temperature - R-407A Specifications

Condensing Unit Model	Compressor	208/3/60				460/3/60				LIQ OD IN	SUCT OD IN	STD RCVR DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT COND	CABINET SIZE
		COMP	FAN			COMP	FAN									
		RLA	RLA	MCA	MOPD	RLA	RLA	MCA	MOPD							
HTSE-0050MQ	2KES-05	5.4	2.2	12.0	15	2.6	1.3	6.1	15	1/2	5/8	6 x 18	18.3	400	A	Small
HTSE-0070MQ	2JES-07	6.7	2.2	13.6	20	3.2	1.3	6.8	15	1/2	5/8	6 x 18	18.3	400	A	Small
HTSE-0100MQ	2HES-2	11.1	2.2	19.1	30	4.5	1.3	8.4	15	1/2	5/8	6 x 18	18.3	400	A	Small
HTSE-0150MQ	2FES-3	12.6	2.2	21.0	30	5.7	1.3	9.9	15	1/2	5/8	6 x 30	30.4	650	B	Medium
HTSE-0200MQ	2EES-3	15.6	2.2	24.7	40	7.3	1.3	11.9	15	1/2	7/8	6 x 30	30.4	650	B	Medium
HTSE-0220MQ	2DES-3	17.0	2.2	26.5	40	8.1	1.3	12.9	20	1/2	7/8	6 x 30	30.4	650	B	Medium
HTSE-0300MQ	2CES-4	20.3	2.2	30.6	50	9.1	1.3	14.2	20	5/8	7/8	6 x 30	30.4	650	B	Medium
HTSE-0400MQ	4FES-5	27.0	3.8	40.6	60	14.6	2.3	22.1	35	5/8	7/8	8-5/8 x 30	59.0	650	D	Medium
HTSE-0500MQ	4EES-6	31.3	5.9	48.0	70	14.9	3.5	23.6	35	5/8	1-1/8	10-3/4 x 30	90.0	1250	E	Large
HTSE-0600MQ	4DES-7	34.5	5.9	52.0	80	17.0	3.5	26.3	40	5/8	1-1/8	12-3/4 x 30	109.4	1250	E	Large
HTSE-0700MQ	4VES-10	42.9	5.9	62.5	100	21.4	3.5	31.8	50	5/8	1-1/8	12-3/4 x 30	109.4	1250	F	Large
HTSE-0900MQ	4TES-12	47.1	7.7	69.6	110	23.6	4.6	35.6	50	7/8	1-3/8	12-3/4 x 30	109.4	1575	J	X-Large
HTSE-1000MQ	4PES-15	54.3	7.7	78.6	125	27.1	4.6	40.0	60	7/8	1-5/8	12-3/4 x 30	109.4	1575	J	X-Large
HTSE-1200MQ	4NES-20	64.3	7.7	91.1	150	32.1	4.6	46.2	70	7/8	1-5/8	12-3/4 x 30	109.4	1575	J	X-Large

H-Series Legacy Condensing Units

HTSE Bitzer Ecoline Compressors - Motor 1

Medium Temperature - R-407A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp									
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F	30 °F	35 °F	40 °F	45 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
95	HTSE-0050MQ	2KES-05	5,840	6,680	7,590	8,590	9,660	10,820	12,050	13,380	14,790	16,300
95	HTSE-0070MQ	2JES-07	7,740	8,780	9,910	11,140	12,450	13,850	15,350	16,950	18,650	20,400
95	HTSE-0100MQ	2HES-2	9,720	10,980	12,330	13,790	15,330	16,990	18,740	20,570	22,800	N/A
95	HTSE-0150MQ	2FES-3	15,330	17,360	19,570	21,970	24,570	27,380	30,390	33,630	37,090	40,700
95	HTSE-0200MQ	2EES-3	17,050	19,400	21,980	24,760	27,740	31,000	34,460	38,160	42,130	46,300
95	HTSE-0220MQ	2DES-3	20,230	22,940	25,900	29,100	32,540	36,190	40,140	44,350	48,820	53,500
95	HTSE-0300MQ	2CES-4	24,670	27,880	31,310	35,010	39,020	43,260	47,750	52,560	57,610	63,500
95	HTSE-0400MQ	4FES-5	27,100	30,500	34,400	38,800	43,500	48,100	53,600	58,900	64,600	71,000
95	HTSE-0500MQ	4EES-6	34,270	38,790	43,720	49,050	54,830	60,980	67,500	74,510	81,960	89,800
95	HTSE-0600MQ	4DES-7	39,540	44,750	50,390	56,460	62,920	69,840	77,210	85,050	93,270	106,100
95	HTSE-0700MQ	4VES-10	49,500	54,710	61,530	68,750	76,440	87,880	97,040	106,730	119,300	130,600
95	HTSE-0900MQ	4TES-12	62,830	67,510	75,660	84,280	100,310	111,490	123,440	136,040	149,530	163,500
95	HTSE-1000MQ	4PES-15	69,720	74,150	89,300	100,270	111,920	124,360	137,610	151,510	166,220	184,400
95	HTSE-1200MQ	4NES-20	81,590	92,230	103,570	115,720	128,700	142,380	159,600	175,600	N/A	N/A

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp									
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F	30 °F	35 °F	40 °F	45 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
105	HTSE-0050MQ	2KES-05	5,220	6,000	6,850	7,770	8,770	9,840	11,000	12,230	13,550	15,000
105	HTSE-0070MQ	2JES-07	6,980	7,960	9,000	10,140	11,350	12,660	14,050	15,540	17,120	18,830
105	HTSE-0100MQ	2HES-2	8,800	9,970	11,220	12,560	14,000	15,530	17,270	19,170	21,000	22,900
105	HTSE-0150MQ	2FES-3	13,960	15,840	17,890	20,130	22,540	25,140	27,960	30,980	34,210	37,600
105	HTSE-0200MQ	2EES-3	15,380	17,550	19,920	22,490	25,290	28,310	31,520	34,990	38,700	42,600
105	HTSE-0220MQ	2DES-3	18,280	20,800	23,520	26,470	29,670	33,080	36,770	40,670	44,870	49,200
105	HTSE-0300MQ	2CES-4	22,390	25,340	28,520	31,940	35,630	39,580	43,760	48,500	53,100	58,600
105	HTSE-0400MQ	4FES-5	24,300	27,700	31,300	35,000	39,300	43,900	48,500	53,900	59,000	65,200
105	HTSE-0500MQ	4EES-6	30,990	35,170	39,750	44,690	49,980	55,700	61,840	68,330	75,240	85,400
105	HTSE-0600MQ	4DES-7	35,740	40,520	45,730	51,310	57,310	63,800	70,600	78,700	86,300	94,400
105	HTSE-0700MQ	4VES-10	44,460	49,270	55,490	62,140	69,240	79,870	88,400	98,500	108,100	118,300
105	HTSE-0900MQ	4TES-12	56,870	59,150	68,570	76,500	91,530	101,830	112,950	124,680	137,140	151,000
105	HTSE-1000MQ	4PES-15	62,590	66,640	74,900	90,730	101,520	113,050	125,350	139,200	154,400	169,100
105	HTSE-1200MQ	4NES-20	73,650	83,380	93,830	105,050	117,050	131,200	144,800	159,300	174,700	N/A

R-407A has a significant "glide" or variation of temperature as it evaporates at one pressure. Performance Tables show capacity for selections at the midpoint of this temperature range to best reflect the actual operation needed to produce the Evaporating or Suction Temperature shown in the Table.

H-Series Legacy Condensing Units

HTSE Bitzer Ecoline Compressors - Motor 1

Medium Temperature - R-448A/R-449A Specifications

Condensing Unit Model	Compressor	208/3/60				460/3/60				LIQ OD IN	SUCTION OD IN	STD RCVR DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT COND	CABINET SIZE
		COMP RLA	FAN RLA	MCA	MOPD	COMP RLA	FAN RLA	MCA	MOPD							
HTSB-0050MT	2KES-05	5.4	2.2	12.0	15	2.6	1.3	6.1	15	1/2	5/8	6 x 18	17.4	400	A	Small
HTSB-0070MT	2JES-07	6.7	2.2	13.6	20	3.2	1.3	6.8	15	1/2	5/8	6 x 18	17.4	400	A	Small
HTSE-0100MT	2HES-2	11.1	2.2	19.1	30	4.5	1.3	8.4	15	1/2	5/8	6 x 18	17.4	400	A	Small
HTSE-0150MT	2FES-3	12.6	2.2	21.0	30	5.7	1.3	9.9	15	1/2	5/8	6 x 30	29.0	650	B	Medium
HTSE-0200MT	2EES-3	15.6	2.2	24.7	40	7.3	1.3	11.9	15	1/2	7/8	6 x 30	29.0	650	B	Medium
HTSE-0220MT	2DES-3	17.0	2.2	26.5	40	8.1	1.3	12.9	20	1/2	7/8	6 x 30	29.0	650	B	Medium
HTSE-0300MT	2CES-4	20.3	2.2	30.6	50	9.1	1.3	14.2	20	5/8	7/8	6 x 30	29.0	650	B	Medium
HTSE-0400MT	4FES-5	27.0	3.8	40.6	60	14.6	2.3	22.1	35	5/8	7/8	8-5/8 x 30	56.2	650	D	Medium
HTSE-0500MT	4EES-6	31.3	5.9	48.0	70	14.9	3.5	23.6	35	5/8	1-1/8	10-3/4 x 30	85.8	1250	E	Large
HTSE-0600MT	4DES-7	34.5	5.9	52.0	80	17.0	3.5	26.3	40	5/8	1-1/8	12-3/4 x 30	104.3	1250	E	Large
HTSE-0700MT	4VES-10	42.9	5.9	62.5	100	21.4	3.5	31.8	50	5/8	1-1/8	12-3/4 x 30	104.3	1250	F	Large
HTSE-0900MT	4TES-12	47.1	7.7	69.6	110	23.6	4.6	35.6	50	7/8	1-3/8	12-3/4 x 30	104.3	1575	J	X-Large
HTSE-1000MT	4PES-15	54.3	7.7	78.6	125	27.1	4.6	40.0	60	7/8	1-5/8	12-3/4 x 30	104.3	1575	J	X-Large
HTSE-1200MT	4NES-20	64.3	7.7	91.1	150	32.1	4.6	46.2	70	7/8	1-5/8	12-3/4 x 30	104.3	1575	J	X-Large

H-Series Legacy Condensing Units

HTSE Bitzer Ecoline Compressors - Motor 1

Medium Temperature - R-448A/R-449A Performance

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp									
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F	30 °F	35 °F	40 °F	45 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
95	HTSE-0050MT	2KES-05	5,580	6,400	7,290	8,260	9,300	10,420	11,610	12,880	14,250	15,900
95	HTSE-0070MT	2JES-07	7,370	8,390	9,480	10,680	11,940	13,290	14,720	16,240	17,850	21,000
95	HTSE-0100MT	2HES-2	9,230	10,450	11,760	13,160	14,630	16,220	17,850	19,590	21,600	23,600
95	HTSE-0150MT	2FES-3	14,640	16,650	18,820	21,170	23,710	26,460	29,370	32,500	35,860	39,400
95	HTSE-0200MT	2EES-3	18,110	20,520	23,150	25,960	29,010	32,280	35,780	39,540	43,510	49,200
95	HTSE-0220MT	2DES-3	21,440	24,220	27,240	30,460	33,950	37,690	41,680	45,900	50,410	58,600
95	HTSE-0300MT	2CES-4	26,090	29,340	32,850	36,610	40,640	44,950	49,490	54,360	59,460	65,400
95	HTSE-0400MT	4FES-5	27,900	31,700	35,700	39,700	44,500	49,600	54,600	60,600	66,400	72,500
95	HTSE-0500MT	4EES-6	36,240	40,870	45,920	51,360	57,200	63,410	70,100	77,220	84,710	92,600
95	HTSE-0600MT	4DES-7	41,810	47,150	52,850	59,040	65,620	72,650	80,140	88,010	97,200	106,300
95	HTSE-0700MT	4VES-10	51,070	57,600	64,540	74,410	82,850	91,760	101,240	111,700	122,600	134,300
95	HTSE-0900MT	4TES-12	65,600	70,110	78,390	87,250	104,240	115,730	127,990	141,050	154,900	169,400
95	HTSE-1000MT	4PES-15	68,050	82,140	92,560	103,880	115,930	128,680	142,260	156,680	173,300	N/A
95	HTSE-1200MT	4NES-20	86,400	97,340	109,030	121,440	134,710	148,800	164,200	180,600	N/A	N/A

Ambient Temp	Condensing Unit Model	Compressor	Mid Suction Temp									
			0 °F	5 °F	10 °F	15 °F	20 °F	25 °F	30 °F	35 °F	40 °F	45 °F
			Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH	Capacity BTUH
105	HTSE-0050MT	2KES-05	4920	5670	6480	7360	8310	9320	10420	11590	12830	14100
105	HTSE-0070MT	2JES-07	6,550	7,480	8,480	9,550	10,700	11,940	13,250	14,650	16,100	N/A
105	HTSE-0100MT	2HES-2	8,230	9,340	10,530	11,800	13,140	14,570	16,080	17,520	19,390	21,100
105	HTSE-0150MT	2FES-3	11,530	14,980	16,970	19,110	21,450	23,960	26,640	29,530	32,580	36,300
105	HTSE-0200MT	2EES-3	16,390	18,630	21,040	23,650	26,500	29,520	32,800	36,300	40,020	44,000
105	HTSE-0220MT	2DES-3	19,430	22,000	24,780	27,780	31,000	34,490	38,180	42,160	46,340	49,900
105	HTSE-0300MT	2CES-4	23,710	26,700	29,940	33,430	37,140	41,140	45,370	49,900	54,600	59,600
105	HTSE-0400MT	4FES-5	25,400	28,800	32,200	36,200	40,600	44,900	50,000	54,900	60,700	66,300
105	HTSE-0500MT	4EES-6	32,820	37,100	41,780	46,780	52,220	58,000	64,180	70,840	77,800	85,000
105	HTSE-0600MT	4DES-7	37,840	42,730	48,060	53,750	59,850	66,390	73,290	80,200	88,800	97,100
105	HTSE-0700MT	4VES-10	47,130	51,870	58,240	65,070	75,130	83,450	91,900	102,400	112,400	123,000
105	HTSE-0900MT	4TES-12	59,330	61,260	71,020	79,160	94,860	105,500	117,010	129,150	140,700	155,500
105	HTSE-1000MT	4PES-15	65,070	68,830	77,160	93,890	104,900	116,820	129,400	142,900	157,000	172,100
105	HTSE-1200MT	4NES-20	78,180	88,150	98,890	110,310	122,530	135,100	149,100	165,800	N/A	N/A

R-448A/R-449A has a significant "glide" or variation of temperature as it evaporates at one pressure. Performance Tables show capacity for selections at the midpoint of this temperature range to best reflect the actual operation needed to produce the Evaporating or Suction Temperature shown in the Table.

H-Series Legacy Condensing Units

Receiver Options

RECEIVER OPTIONS - STANDARD BASE

CABINET/ BASE SIZE	RECEIVER DIA. X HEIGHT (INCHES)			MATCHING CONDENSER
	OPTION 1	OPTION 2	OPTION 3	
SMALL	B = 6 x 18	-	-	A
MEDIUM	C = 6 x 23	D = 6 x 30	E = 8.625 x 30	B
MEDIUM	D = 6 x 30	E = 8.625 x 30	-	C
MEDIUM	E = 8.625 x 30	-	-	D
LARGE	F = 10.75 x 30	H = 12.75 x 30	-	E, F
X-LARGE	H = 12.75 x 30	-	-	J

RECEIVER OPTIONS - HEAVY-DUTY BASE

CABINET/ BASE SIZE	RECEIVER DIA. X LENGTH (INCHES)				MATCHING CONDENSER
	OPTION 1	OPTION 2	OPTION 3	OPTION 4	
SMALL	B = 6 x 18	C = 6 x 23	D = 6 x 30	E = 8.625 x 30	A
MEDIUM	D = 6 x 30	E = 8.625 x 30	F = 10.75 x 30	G = 10.75 x 38	B, C
MEDIUM	E = 8.625 x 30	F = 10.75 x 30	G = 10.75 x 38	-	D, K*
LARGE	E = 8.625 x 30	F = 10.75 x 30	G = 10.75 x 38	-	E
LARGE	F = 10.75 x 30	G = 10.75 x 38	-	-	F
MODIFIED STACKED LARGE	G = 10.75 x 38	-	-	-	H*
X-LARGE	G = 10.75 x 38	-	-	-	J

* K and H condensers are only available on indoor units.

F, G, and H receivers shall accept relief valves only.

Condenser Sizes

CONDENSER LETTER	HEIGHT x LENGTH (INCHES) STANDARD	NUMBER OF FANS
A	20H x 32L - 3 Rows	1
B	37.5H x 36L - 3 Rows	1
C	37.5H x 36L - 3 Rows	2
D	37.5H x 36L - 4 Rows	2
E	37.5H x 72L - 3 Rows	4
F	37.5H x 72L - 4 Rows	4
H (Double-Stacked Units)	(2X) 37.5H x 36L - 4 Rows	4
J	50H x 87L - 4 Rows	6

* The condenser model and number of fans are shown on the following pages.

Hurricane-Rated Kits

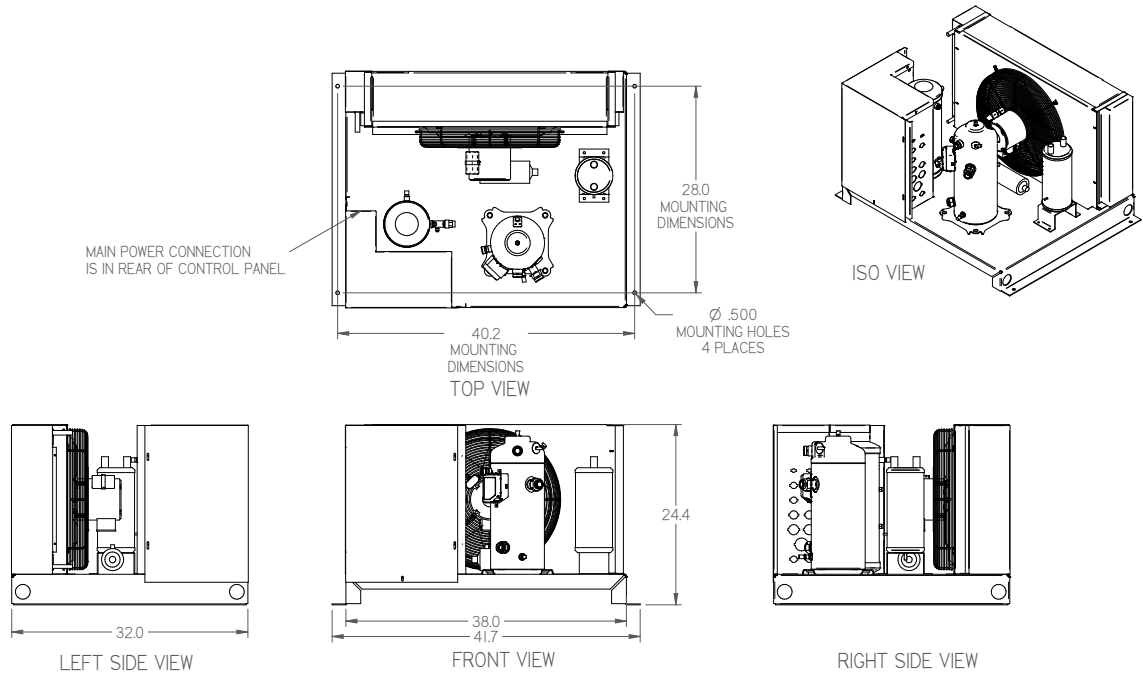
CABINET	KIT #
Small	HHOUSESAHW
Medium	HHOUSEMAHW
Large	HHOUSELAHW
X-Large	HHOUSEXAHW

* State factory installed only.

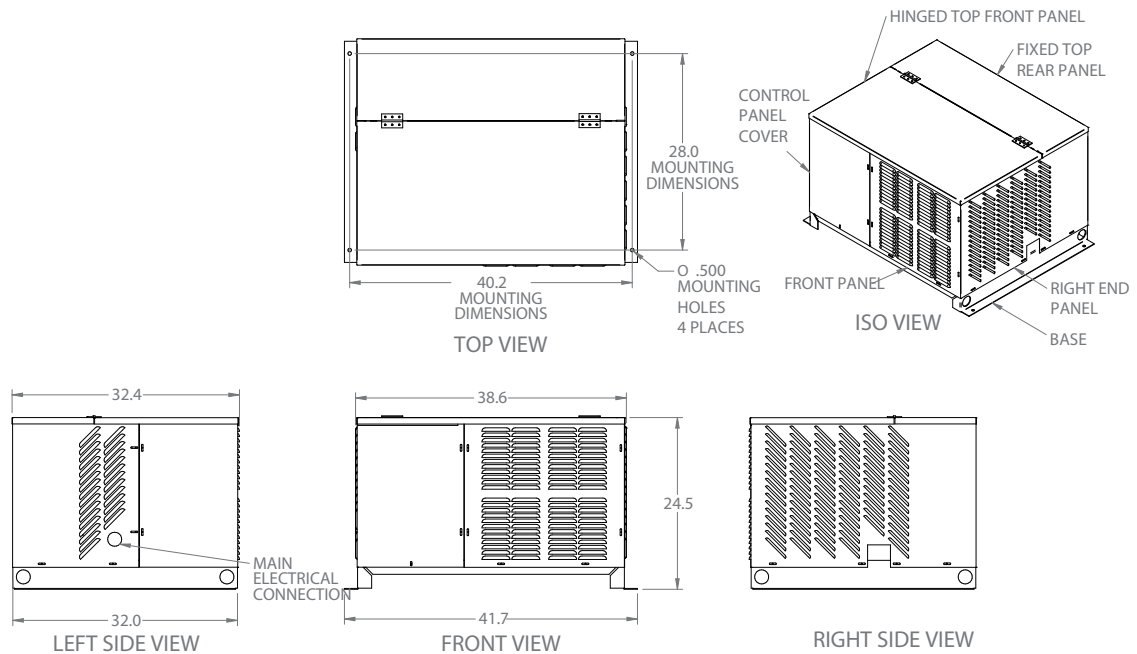
H-Series Legacy Condensing Units

Cabinet Drawings

SMALL SIZE INDOOR UNIT - STANDARD BASE



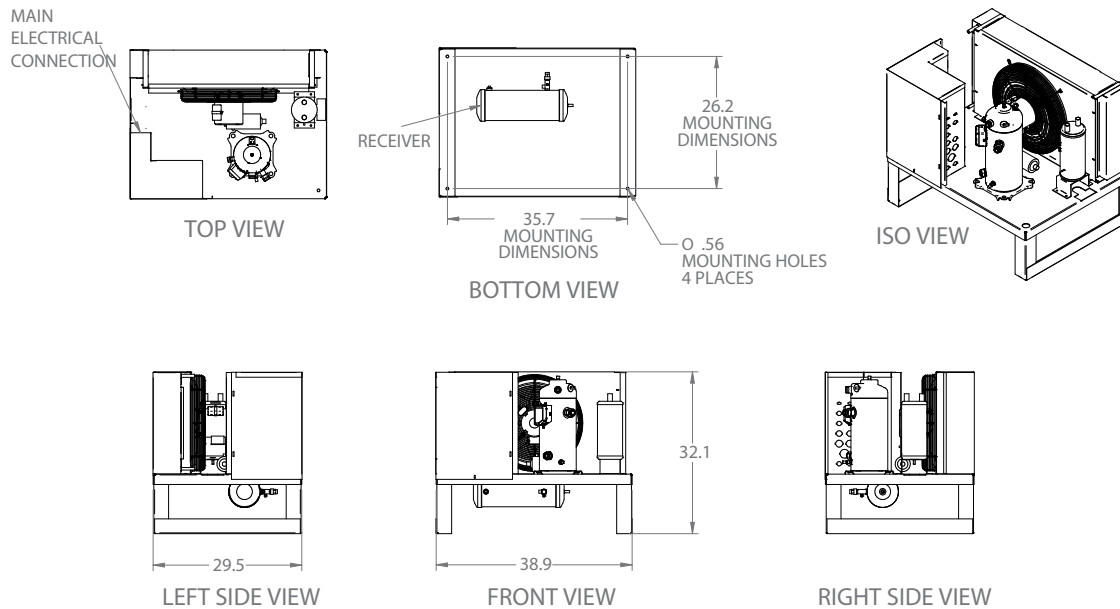
SMALL SIZE OUTDOOR UNIT - STANDARD BASE



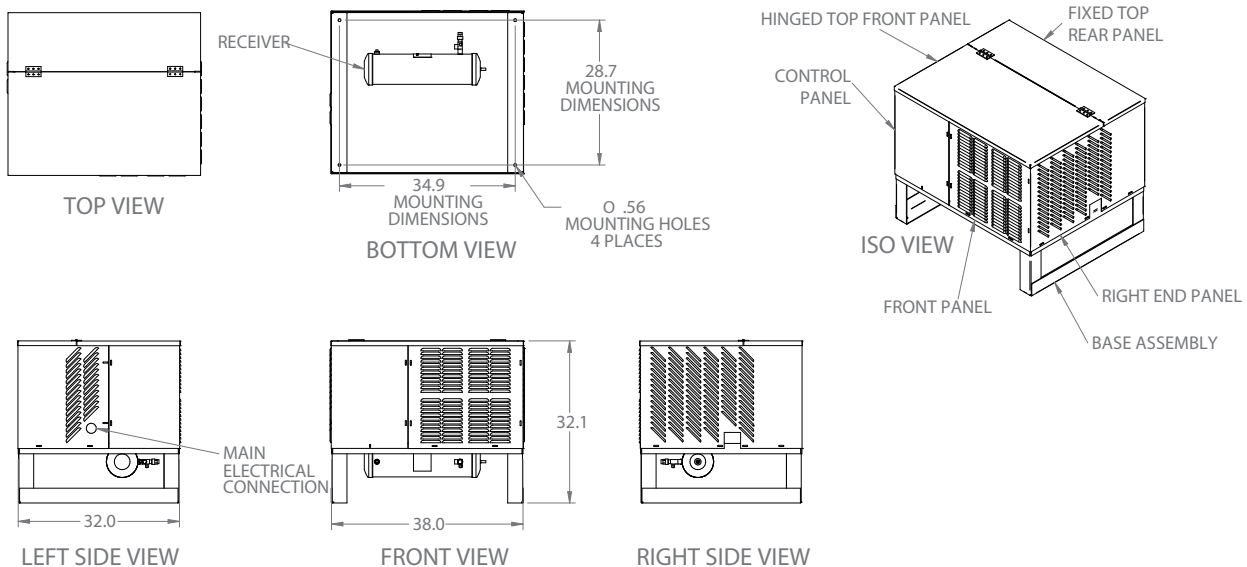
H-Series Legacy Condensing Units

Cabinet Drawings

SMALL SIZE INDOOR UNIT - HEAVY-DUTY BASE



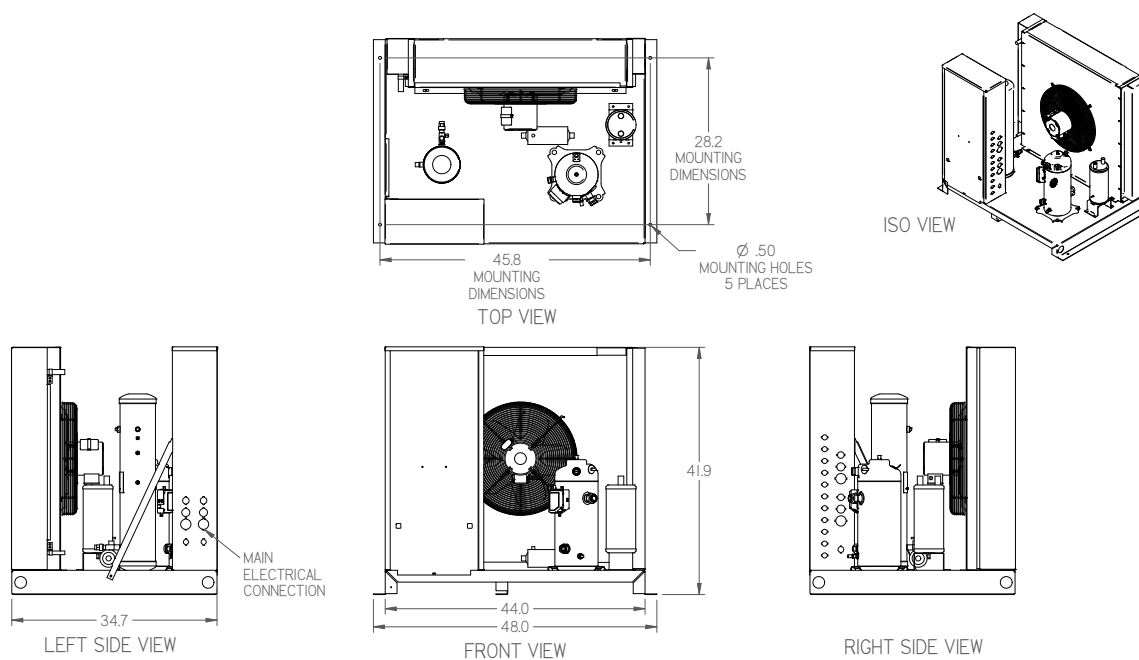
SMALL SIZE OUTDOOR UNIT - HEAVY-DUTY BASE



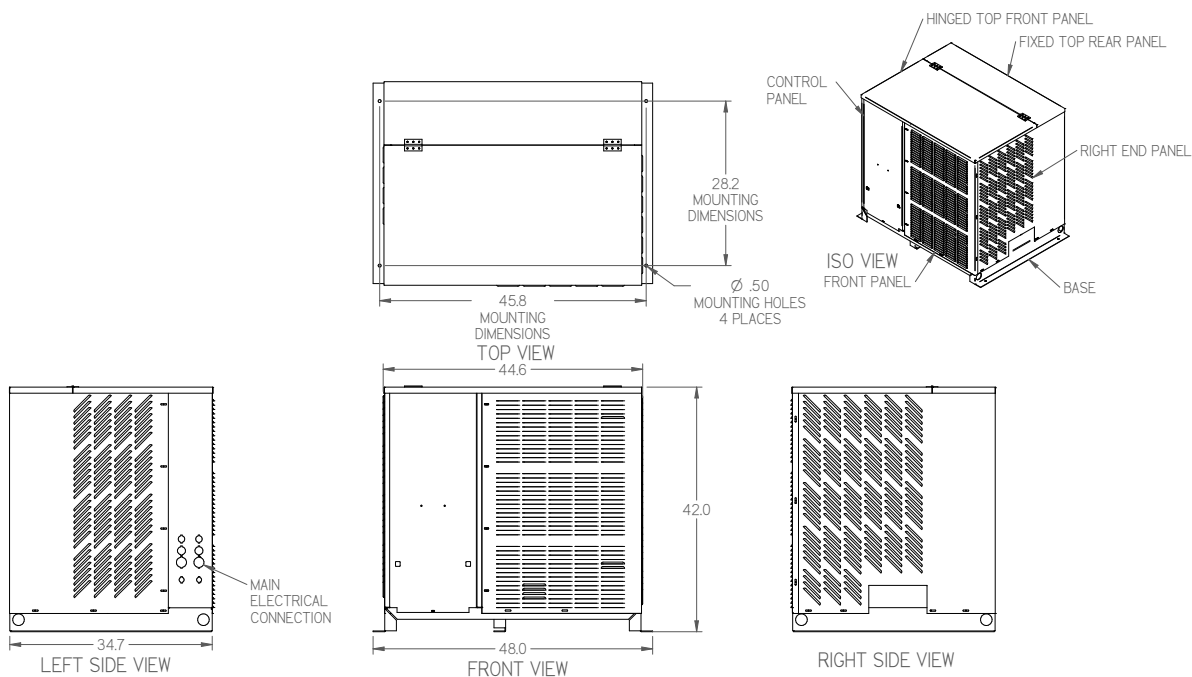
H-Series Legacy Condensing Units

Cabinet Drawings

MEDIUM SIZE INDOOR UNIT - STANDARD BASE



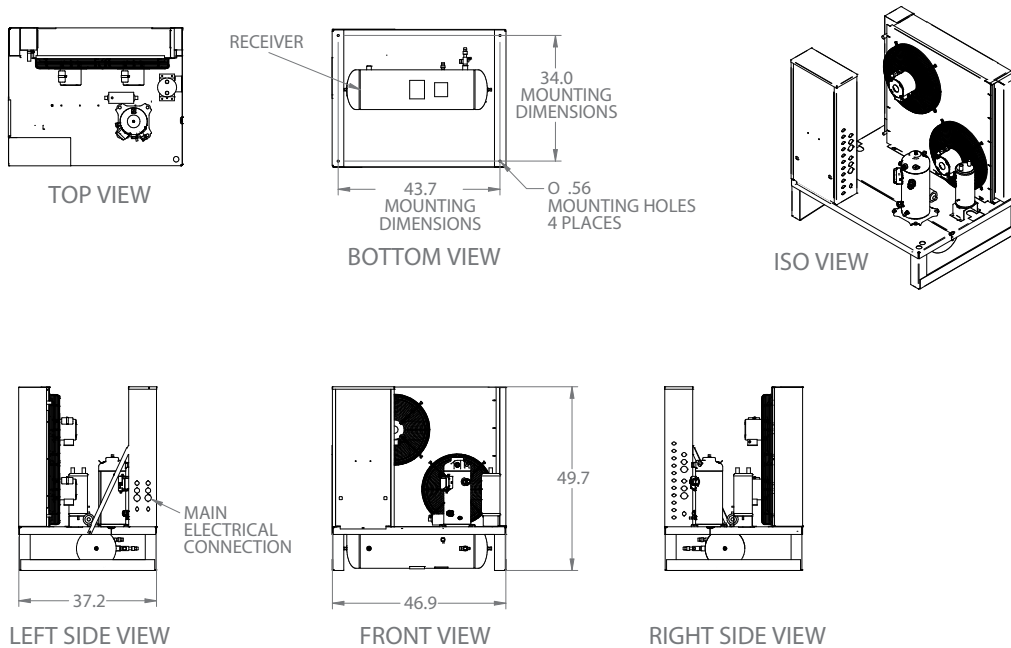
MEDIUM SIZE OUTDOOR UNIT - STANDARD BASE



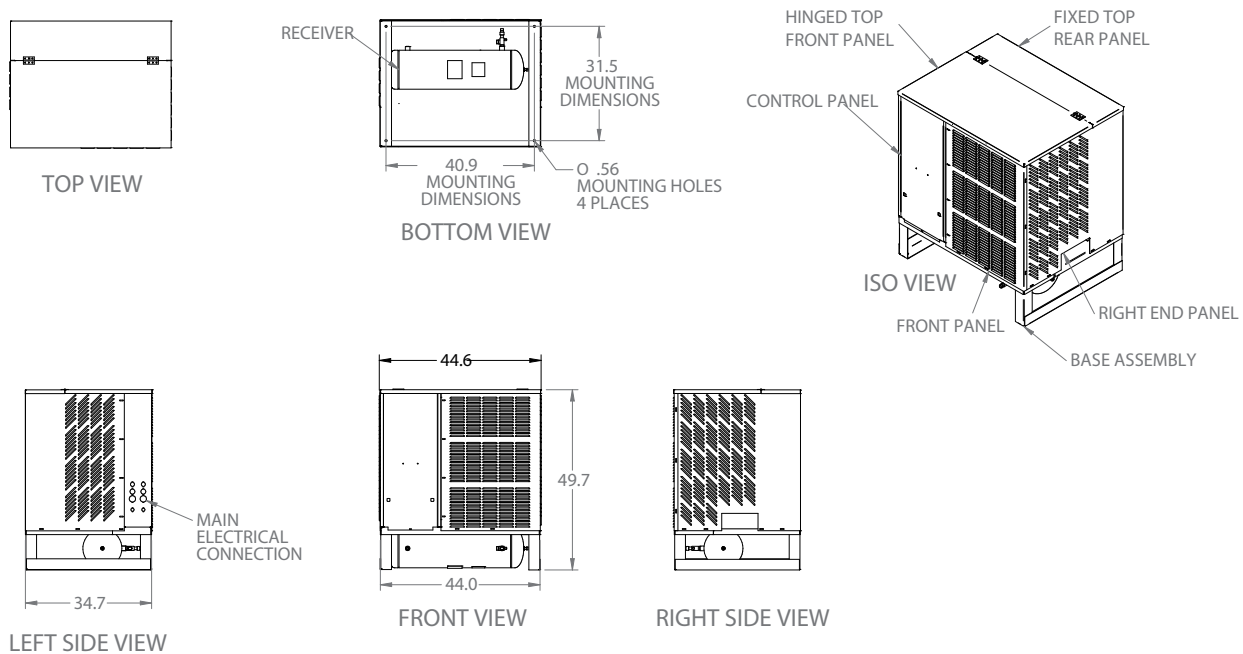
H-Series Legacy Condensing Units

Cabinet Drawings

MEDIUM SIZE INDOOR UNIT - HEAVY-DUTY BASE



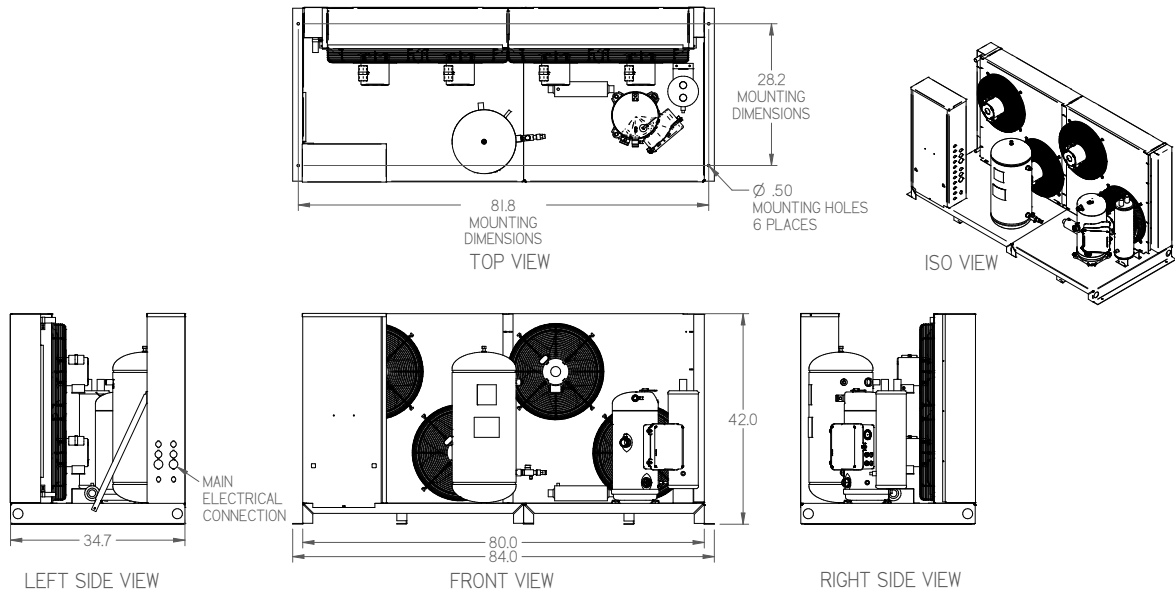
MEDIUM SIZE OUTDOOR UNIT - HEAVY-DUTY BASE



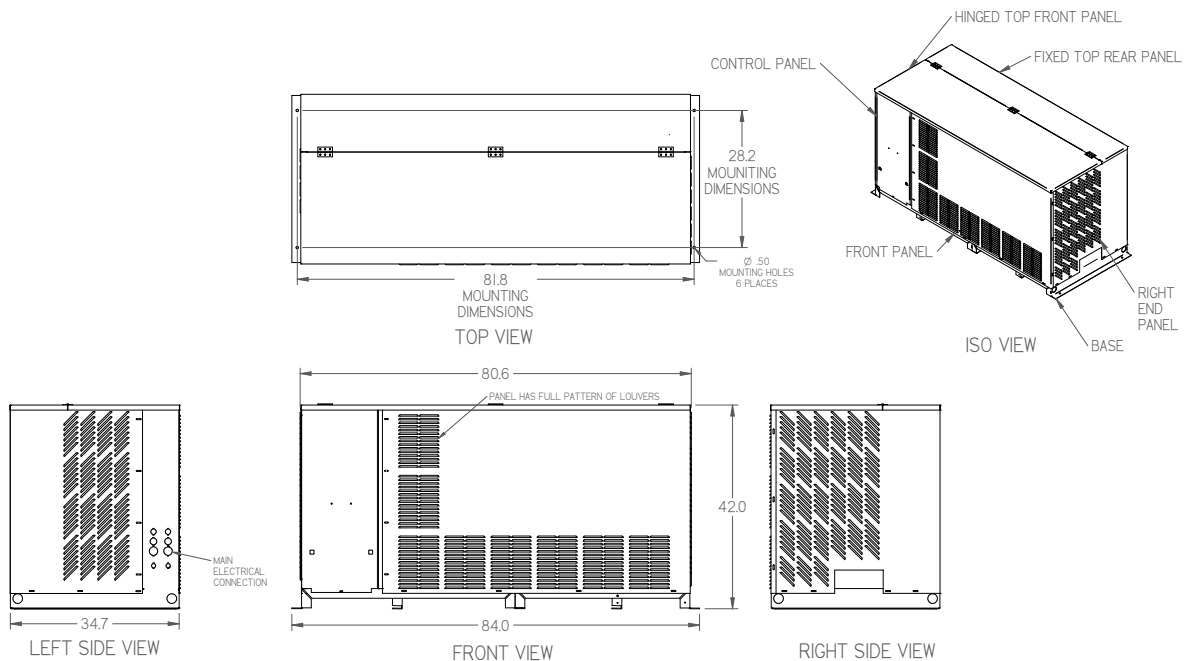
H-Series Legacy Condensing Units

Cabinet Drawings

LARGE SIZE INDOOR UNIT - STANDARD BASE



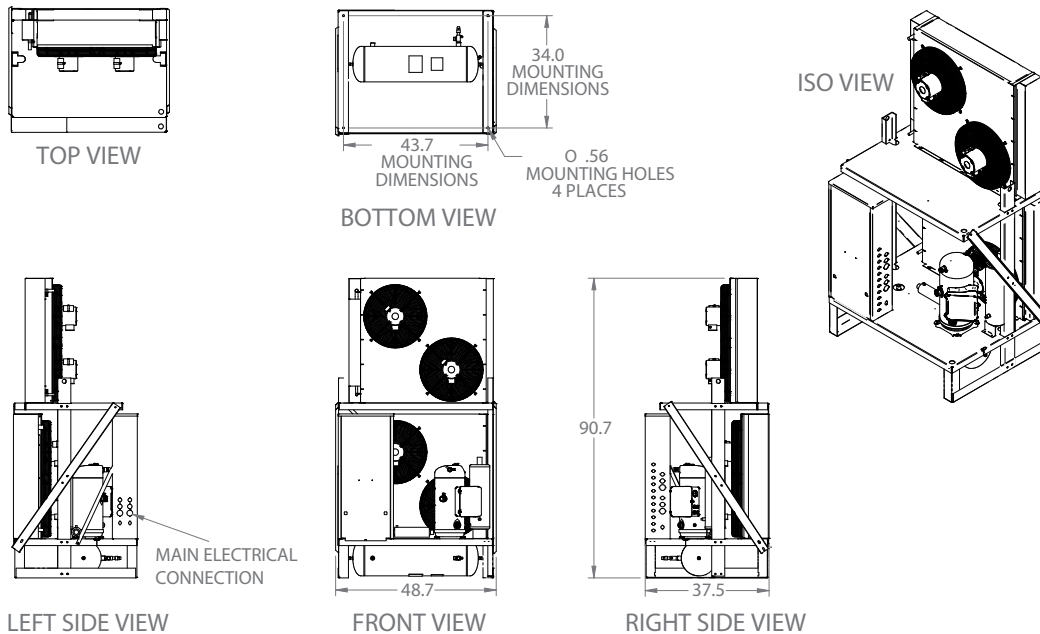
LARGE SIZE OUTDOOR UNIT - STANDARD BASE



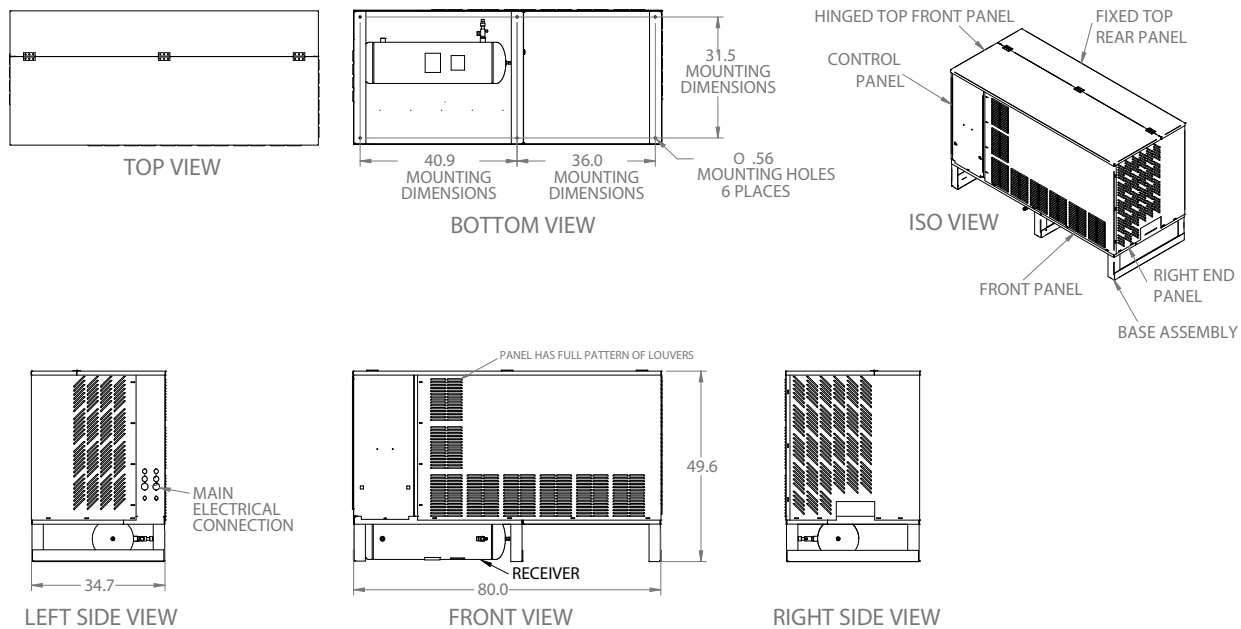
H-Series Legacy Condensing Units

Cabinet Drawings

LARGE SIZE INDOOR UNIT - HEAVY-DUTY BASE



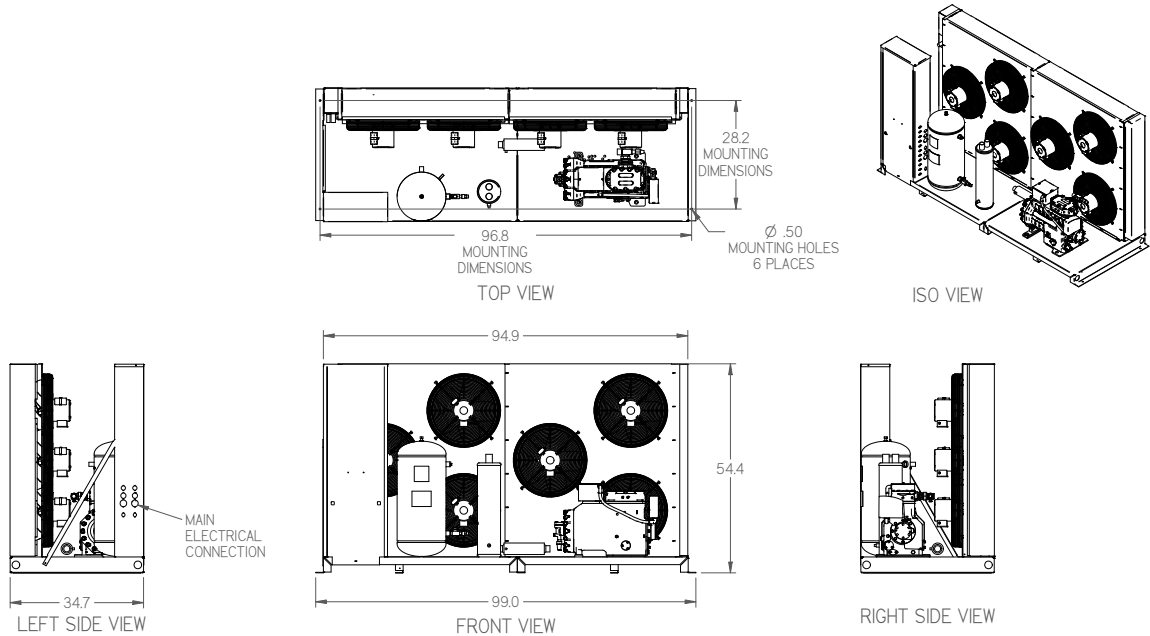
LARGE SIZE OUTDOOR UNIT - HEAVY-DUTY BASE



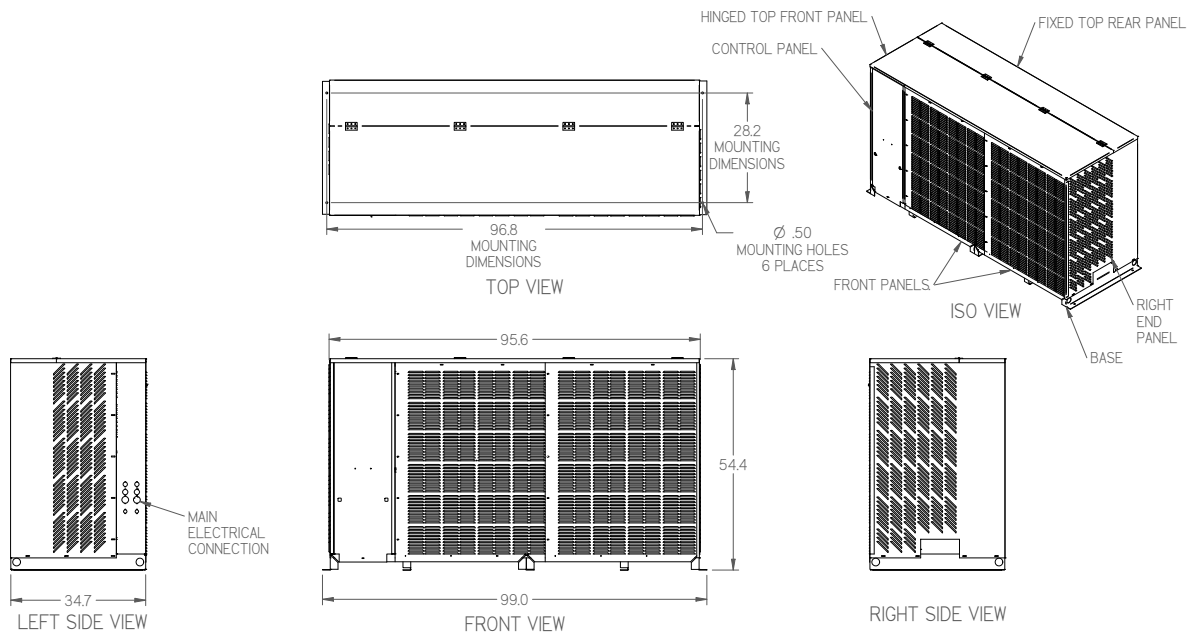
H-Series Legacy Condensing Units

Cabinet Drawings

EXTRA LARGE SIZE INDOOR UNIT - STANDARD BASE



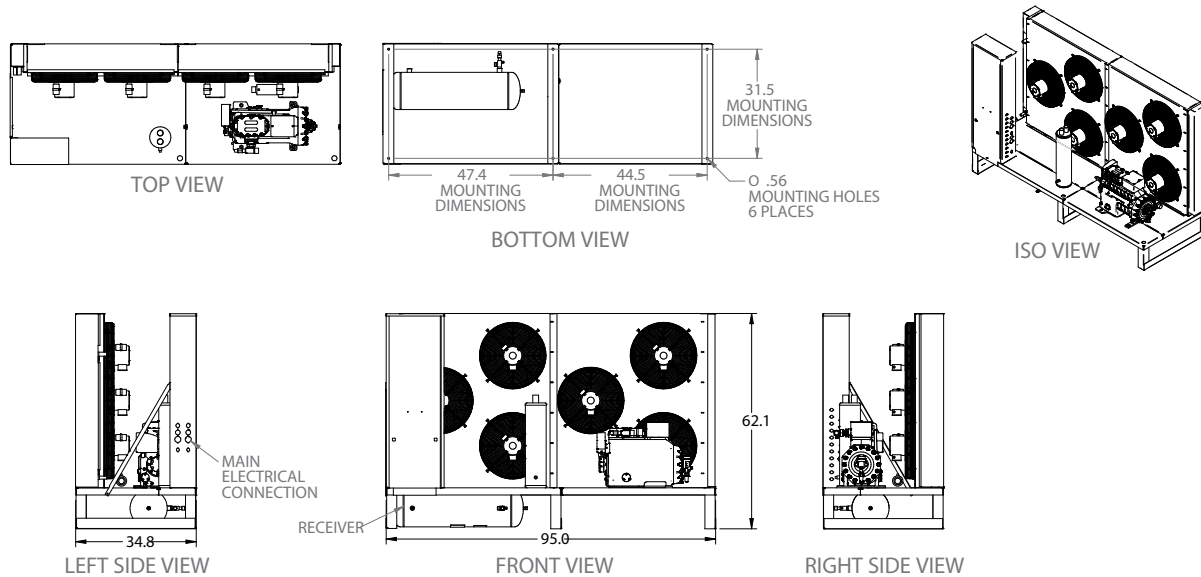
EXTRA LARGE SIZE OUTDOOR UNIT - STANDARD BASE



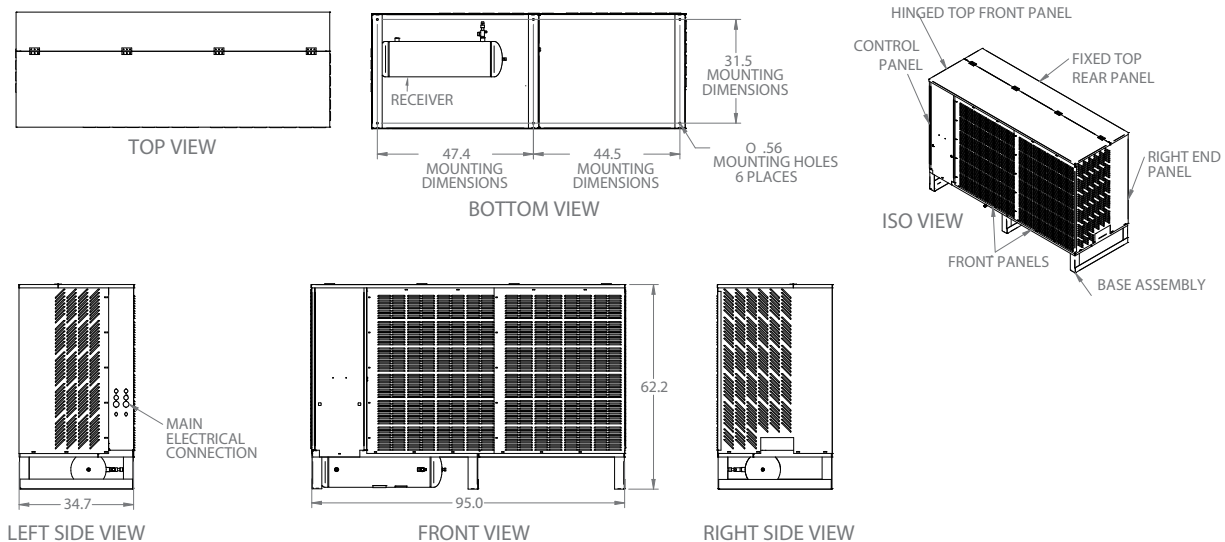
H-Series Legacy Condensing Units

Cabinet Drawings

EXTRA LARGE SIZE INDOOR UNIT - HEAVY-DUTY BASE



EXTRA LARGE SIZE OUTDOOR UNIT - HEAVY-DUTY BASE



H-Series Legacy Condensing Units

Notes

H-Series Legacy Condensing Units

Notes

These refrigeration systems are not intended for use in Walk-In Coolers or Freezers where US Department of Energy (DOE) or Natural Resources Canada (NRCAN) efficiency requirements apply. SEE KRACK.COM FOR DETAILS.



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