



MKD4

Technical Datasheet

MK-A2L and MV-A2L Series

Medium Profile
Evaporator / Unit Cooler

P/N 3237212 Rev A
October 2025

Refrigerant Type

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

Table of Contents

Warnings	2
Model Overview	2
Model Nomenclature	3
Ordering Information	3
Specifications	3
Dimensional Views	10
Mounting and Weight Information	10
Wiring Diagrams	12

Customer-Focused Solutions

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

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



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

Scan the QR code for more information on A2L systems.

Certifications



Certification/compliance varies by model, consult datasheet for additional information.

For food service installations, seal any joint between unit cooler and cooler wall with a sealant listed by the National Sanitation Foundation.

⚠ WARNING

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

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

MK-A2L and MV-A2L Series

Model Overview

WARNING:

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

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



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

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

Information on pre-installed A2L refrigerant sensors and detectors, safety shut-off and check valves, relay information, and additional parts replacement information can be found in the associated installation, operation, and service manual. All manual information must be reviewed in full prior to performing any work.

Overview

Krack MK-A2L and MV-A2L series evaporators are ideal solutions where a medium-size unit cooler is required. These systems operate using A2L refrigerant (either R-454A or R-454C). A2Ls are synthetic, mildly-flammable refrigerants that meet low GWP regulatory requirements and offer the greatest ease of use for technicians compared to other solutions.

MK-A2L series evaporators have a published AWEF rating which meets the efficiency requirements of the U.S. Department of Energy (DoE) and Natural Resources Canada (NRCAN) regulations. These specific regulations are for evaporators installed in refrigerated spaces 3,000 square feet (278 square meters) or less, and held at 55° F (12.8° C) room temperature or colder. Please note any additional compliance requirements at the time of ordering.

MV-A2L series evaporators do not meet DOE/NRCAN compliance standards.

Controls may be factory installed or field supplied.

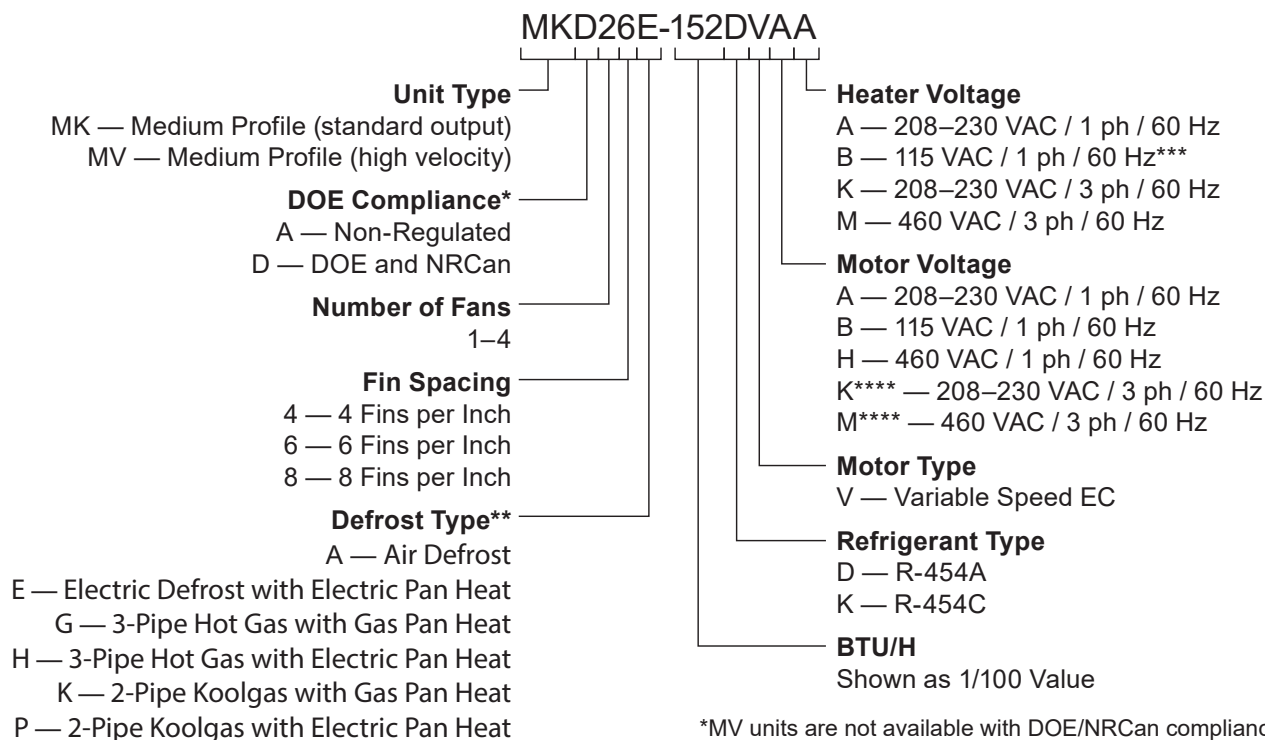
Motors have default prevention programming. In the event of a control loss input (0 V), the motors will run at full speed.

MK-A2L and MV-A2L Series

Model Overview

Model Nomenclature

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



*MV units are not available with DOE/NRCan compliance

**MV units are only available with electric defrost (E)

***Available on pan heaters for “H” and “P” defrost options only

****Not available on 1-fan models

Ordering Information

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

Specifications

Application Specifications

Model	Air Throw Distance (unobstructed) ft (m)		Maximum Ceiling Height ^A ft (m)	Lowest Midpoint Evaporating Temp.	Minimum Operating TD	Maximum Operating TD ^B
	standard	with long throw adapter				
MK-A2L	30 (9.1)	60 (18.3)	20 (6.1)	-30° F (-34.4° C)	7° F (3.9° C)	15° F (8.3° C)
MV-A2L	45 (13.7)	75 (22.9)				

^A Reflects typical WICF refrigeration loads and proper air circulation. Placement in WICF exceeding the maximum ceiling height shown or loads lower than typical may require additional fans to avoid warm spots.

^B Maximum TD for MT applications can be increased to 25° F (13.9° C) when evaporating temperature is above 34° F (1.1° C).

MK-A2L and MV-A2L Series

Specifications

Electrical

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

Model	Fan Motor									
	115 VAC / 1 Φ / 60 Hz		208–230 VAC / 1 Φ / 60 Hz		208–230 VAC / 3 Φ / 60 Hz		460 VAC / 1 Φ / 60 Hz		460 VAC / 3 Φ / 60 Hz	
	Wattage (W)	Current (A)	Wattage (W)	Current (A)	Wattage (W)	Current (A)	Wattage (W)	Current (A)	Wattage (W)	Current (A)
MKD1 (1-fan)	127	4.5	125	2.6	N/A	N/A	589	1.6	N/A	N/A
MKD2 (2-fan)	254	9	250	5.2	250	4.5	1,178	3.2	1,178	2.8
MKD3 (3-fan)	381	13.5	375	7.8	375	4.5	1,767	4.8	1,767	2.8
MKD4 (4-fan)	508	18	500	10.4	500	6.8	2,356	6.4	2,356	4.3
MVA1 (1-fan)	357	4.5	352	2.6	N/A	N/A	234	0.9	N/A	N/A
MVA2 (2-fan)	714	9	704	5.2	384	3.3	468	1.8	468	1.6
MVA3 (3-fan)	1,071	13.5	1,056	7.8	576	3.3	702	2.7	702	1.6
MVA4 (4-fan)	1,428	18	1,406	10.4	768	5	936	3.6	936	2.4

MK Defrost and Drain Pan Heater

Model	Electric Defrost						Drain Pan Heater			
	230 VAC / 1 Φ / 60 Hz		230 VAC / 3 Φ / 60 Hz		460 VAC / 3 Φ / 60 Hz		115 VAC / 1 Φ / 60 Hz		230 VAC / 1 Φ / 60 Hz	
	Wattage (W)	Current (A)	Wattage (W)	Current (A)	Wattage (W)	Current (A)	Wattage (W)	Current (A)	Wattage (W)	Current (A)
MKD14()-082[JV	2,300	10	2,300	6.5	2,300	3.3	500	4.4	500	2.2
MKD14()-105[JV	2,900	12.6	2,900	7.3	2,900	3.6	500	4.4	500	2.2
MKD16()-103[JV	2,300	10	2,300	6.5	2,300	3.3	500	4.4	500	2.2
MKD16()-127[JV	2,900	12.6	2,900	7.3	2,900	3.6	500	4.4	500	2.2
MKD24()-164[JV	4,400	19.1	4,400	12.2	4,400	6.2	800	7	800	3.5
MKD24()-210[JV	5,600	24.3	5,600	14.1	5,600	7.1	800	7	800	3.5
MKD26()-206[JV	4,400	19.1	4,400	12.2	4,400	6.2	800	7	800	3.5
MKD26()-254[JV	5,600	24.3	5,600	14.1	5,600	7.1	800	7	800	3.5
MKD34()-246[JV	6,600	28.7	6,600	18.3	6,600	9.3	1,200	10.4	1,200	5.2
MKD34()-315[JV	8,400	36.5	8,400	21.2	8,400	10.6	1,200	10.4	1,200	5.2
MKD36()-309[JV	6,600	28.7	6,600	18.3	6,600	9.3	1,200	10.4	1,200	5.2
MKD36()-381[JV	8,400	36.5	8,400	21.2	8,400	10.6	1,200	10.4	1,200	5.2
MKD44()-420[JV	11,000	47.8	11,000	27.9	11,000	13.8	1,400	12.2	1,400	6.1
MKD46()-508[JV	11,000	47.8	11,000	27.9	11,000	13.8	1,400	12.2	1,400	6.1

() Electric or gas defrost letter code

[] Refrigerant letter code

MK-A2L and MV-A2L Series

Specifications

MV Defrost

Model	Electric Defrost					
	230 VAC / 1 Φ / 60 Hz		230 VAC / 3 Φ / 60 Hz		460 VAC / 3 Φ / 60 Hz	
	Wattage (W)	Current (A)	Wattage (W)	Current (A)	Wattage (W)	Current (A)
MVA14E-100[J]V	2,300	10	2,300	6.5	2,300	3.3
MVA14E-128[J]V	2,900	12.6	2,900	7.3	2,900	3.6
MVA16E-126[J]V	2,300	10	2,300	6.5	2,300	3.3
MVA16E-155[J]V	2,900	12.6	2,900	7.3	2,900	3.6
MVA24E-200[J]V	4,400	19.1	4,400	12.2	4,400	6.2
MVA24E-256[J]V	5,600	24.3	5,600	14.1	5,600	7.1
MVA26E-252[J]V	4,400	19.1	4,400	12.2	4,400	6.2
MVA26E-310[J]V	5,600	24.3	5,600	14.1	5,600	7.1
MVA34E-300[J]V	6,600	28.7	6,600	18.3	6,600	9.3
MVA34E-384[J]V	8,400	36.5	8,400	21.2	8,400	10.6
MVA36E-378[J]V	6,600	28.7	6,600	18.3	6,600	9.3
MVA36E-465[J]V	8,400	36.5	8,400	21.2	8,400	10.6
MVA44E-512[J]V	11,000	47.8	11,000	27.9	11,000	13.8
MVA46E-620[J]V	11,000	47.8	11,000	27.9	11,000	13.8

[J] Refrigerant letter code

Standard Features

Model	MK-A2L and MV-A2L
Coil Construction	heavy-wall copper tube and rippled full-collar aluminum fins
Defrost Type	air (MK) / electric (MV)
Factory Shipping State	sealed and pressurized
Fan Control	user specified, factory wired (10 VDC amplifier for remote controller standard)
Housing	aluminum
Leak Detection	Danfoss sensor
Leak Mitigation	solenoid shut-off valve and check valve (ship loose)

Optional Features

Model	MK-A2L and MV-A2L
Alarm Buzzer/Light	115 VAC or 208–230 VAC option
Coil Coating	Electrofin or Heresite
Defrost Type ^c	electric, hot gas, or Koolgas
Drain Pan	insulated drain pan
Exterior Color	black or white housing and drain pan
Housing	stainless steel construction
Leak Detection	Copeland sensor
Liquid Line	solenoid valve (installed)
Long Throw Adapters	increase air throw distance

^c MV models are electric defrost only.

MK-A2L and MV-A2L Series

Specifications

Performance and Refrigeration Data (MK with air defrost)

Model	AWEF	MT Capacity ^D BTU/hr (kWh)	Air Flow CFM (m³/min)
MKD14A-094[JV	9	9,400 (2.75)	3,060 (86.6)
MKD14A-121[JV	9	12,100 (3.55)	2,960 (83.8)
MKD16A-118[JV	9	11,800 (3.46)	2,815 (79.7)
MKD16A-145[JV	9	14,500 (4.25)	2,725 (77.2)
MKD18A-133[JV	9	13,300 (3.9)	2,710 (76.7)
MKD18A-160[JV	9	16,000 (4.69)	2,625 (74.3)
MKD24A-188[JV	9	18,800 (5.51)	6,120 (173.3)
MKD24A-242[JV	9	24,200 (7.09)	5,920 (167.6)
MKD26A-236[JV	9	23,600 (6.92)	5,630 (159.4)
MKD26A-290[JV	9	29,000 (8.5)	5,450 (154.3)
MKD28A-266[JV	9	26,600 (7.8)	5,420 (153.5)
MKD28A-320[JV	9	32,000 (9.38)	5,250 (148.7)
MKD34A-363[JV	9	36,300 (10.64)	8,880 (251.5)
MKD36A-354[JV	9	35,400 (10.37)	8,445 (239.1)
MKD36A-435[JV	9	43,500 (12.75)	8,175 (231.5)
MKD38A-393[JV	9	39,300 (11.52)	8,130 (230.2)
MKD38A-480[JV	9	48,000 (14.07)	7,875 (223)
MKD44A-484[JV	9	48,400 (14.18)	11,840 (335.3)
MKD46A-580[JV	9	58,000 (17)	10,900 (308.7)
MKD48A-640[JV	9	64,000 (18.76)	10,500 (297.3)

[] Refrigerant letter code

^D Based on 25° F (-3.9° C) suction temperature and 10° F (5.6° C) T.D.

MK-A2L and MV-A2L Series

Specifications

Minimum Room Floor Area, Refrigerant Charge, and Connection Size (MK with air defrost)

Model	Estimated Refrigerant Charge ^E — lb (g)		Minimum Floor Area ft² (m²)	Line Connection Sizes	
	Operating Charge			Liquid	Suction
	R-454A	R-454C			
MKD14A-094[J]V	1.2 (544)		72 (6.9)	1/2"	7/8"
MKD14A-121[J]V	1.6 (726)		80 (7.4)	1/2"	7/8"
MKD16A-118[J]V	1.2 (544)		72 (6.9)	1/2"	7/8"
MKD16A-145[J]V	1.6 (726)	1.7 (771)	80 (7.4)	1/2"	1 1/8"
MKD18A-133[J]V	1.2 (544)		72 (6.9)	1/2"	7/8"
MKD18A-160[J]V	1.6 (726)	1.7 (771)	80 (7.4)	1/2"	1 1/8"
MKD24A-188[J]V	2.3 (1,043)		100 (9.3)	1/2"	1 1/8"
MKD24A-242[J]V	3 (1,361)		120 (11.1)	1/2"	1 1/8"
MKD26A-236[J]V	2.3 (1,043)		100 (9.3)	1/2"	1 1/8"
MKD26A-290[J]V	3.2 (1,452)		120 (11.1)	1/2"	1 5/8"
MKD28A-266[J]V	2.5 (1,134)		120 (11.1)	1/2"	1 5/8"
MKD28A-320[J]V	3.2 (1,452)		140 (13)	1/2"	1 5/8"
MKD34A-363[J]V	4.6 (2,087)		168 (15.6)	5/8"	1 5/8"
MKD36A-354[J]V	3.5 (1,588)	3.6 (1,633)	144 (13.4)	5/8"	1 5/8"
MKD36A-435[J]V	4.6 (2,087)		168 (15.6)	5/8"	1 5/8"
MKD38A-393[J]V	3.5 (1,588)	3.6 (1,633)	144 (13.4)	5/8"	1 5/8"
MKD38A-480[J]V	4.6 (2,087)		168 (15.6)	5/8"	1 5/8"
MKD44A-484[J]V	6 (2,722)		196 (18.2)	5/8"	1 5/8"
MKD46A-580[J]V	6 (2,722)		196 (18.2)	5/8"	1 5/8"
MKD48A-640[J]V	6 (2,722)		196 (18.2)	5/8"	1 5/8"

[] Refrigerant letter code

^E Approximate charge based on normal operating conditions, contact Krack if releasable charge information is required

MK-A2L and MV-A2L Series

Specifications

Performance and Refrigeration Data (MK with electric or gas defrost)

Model	AWEF		LT Capacity ^F BTU/hr (kWh)	MT Capacity ^G BTU/hr (kWh)	Air Flow CFM (m³/min)
	Cooler	Freezer			
MKD14()-082[JV	9	4.15	8,200 (2.4)	9,400 (2.75)	3,060 (86.6)
MKD14()-105[JV	9	4.15	10,500 (3.08)	12,100 (3.55)	2,960 (83.8)
MKD16()-103[JV	9	4.15	10,300 (3.02)	11,800 (3.46)	2,815 (79.7)
MKD16()-127[JV	9	4.15	12,700 (3.72)	14,500 (4.25)	2,725 (77.2)
MKD24()-164[JV	9	4.15	16,400 (4.81)	18,800 (5.51)	6,120 (173.3)
MKD24()-210[JV	9	4.15	21,000 (6.15)	24,200 (7.09)	5,920 (167.6)
MKD26()-206[JV	9	4.15	20,600 (6.04)	23,600 (6.92)	5,630 (159.4)
MKD26()-254[JV	9	4.15	25,400 (7.44)	29,000 (8.5)	5,450 (154.3)
MKD34()-246[JV	9	4.15	24,600 (7.21)	28,200 (8.26)	9,180 (259.9)
MKD34()-315[JV	9	4.15	31,500 (9.23)	36,300 (10.64)	8,880 (251.5)
MKD36()-309[JV	9	4.15	30,900 (9.06)	35,400 (10.37)	8,445 (239.1)
MKD36()-381[JV	9	4.15	38,100 (11.17)	43,500 (12.75)	8,175 (231.5)
MKD44()-420[JV	9	4.15	42,000 (12.31)	48,400 (14.18)	11,840 (335.3)
MKD46()-508[JV	9	4.15	50,800 (14.89)	58,000 (17)	10,900 (308.7)

() Electric or gas defrost letter code

[] Refrigerant letter code

Minimum Room Floor Area, Refrigerant Charge, and Connection Sizes (MK with electric or gas defrost)

Model	Estimated Refrigerant Charge ^E — lb (g)		Minimum Floor Area ft² (m²)	Line Connection Sizes	
	Operating Charge			Liquid	Suction
	R-454A	R-454C			
MKD14()-082[JV	1.2 (544)		72 (6.9)	1/2"	1 1/8"
MKD14()-105[JV	1.6 (726)		80 (7.4)	1/2"	1 1/8"
MKD16()-103[JV	1.3 (590)		72 (6.9)	1/2"	1 1/8"
MKD16()-127[JV	1.7 (771)		80 (7.4)	1/2"	1 1/8"
MKD24()-164[JV	2.5 (1,134)	2.6 (1,179)	120 (11.1)	5/8"	1 5/8"
MKD24()-210[JV	3.3 (1,497)		140 (13)	5/8"	1 5/8"
MKD26()-206[JV	2.5 (1,134)	2.6 (1,179)	120 (11.1)	5/8"	1 5/8"
MKD26()-254[JV	3.3 (1,497)		140 (13)	5/8"	1 5/8"
MKD34()-246[JV	3.6 (1,633)		192 (17.8)	7/8"	1 5/8"
MKD34()-315[JV	4.9 (2,223)	5 (2,268)	224 (20.8)	7/8"	2 1/8"
MKD36()-309[JV	3.6 (1,633)		192 (17.8)	7/8"	1 5/8"
MKD36()-381[JV	4.9 (2,223)	5 (2,268)	224 (20.8)	7/8"	2 1/8"
MKD44()-420[JV	6.3 (2,858)	6.4 (2,903)	256 (23.8)	7/8"	2 1/8"
MKD46()-508[JV	6.3 (2,858)	6.4 (2,903)	256 (23.8)	7/8"	2 1/8"

() Electric or gas defrost letter code

[] Refrigerant letter code

^E Approximate charge based on normal operating conditions, contact Krack if releasable charge information is required

^F Based on -20° F (-28.9° C) suction temperature and 10° F (5.6° C) T.D.

^G Based on 20° F (-6.7° C) suction temperature and 10° F (5.6° C) T.D.

MK-A2L and MV-A2L Series

Specifications

Performance and Refrigeration Data (MV with electric defrost)

Model	AWEF		LT Capacity ^F BTU/hr (kWh)	Air Flow CFM (m³/min)
	Cooler	Freezer		
MVA14E-100[]V	N/A	N/A	10,000 (2.93)	4,300 (121.8)
MVA14E-128[]V	N/A	N/A	12,800 (3.75)	4,130 (116.9)
MVA16E-126[]V	N/A	N/A	12,600 (3.69)	3,955 (112)
MVA16E-155[]V	N/A	N/A	15,500 (4.54)	3,800 (107.6)
MVA24E-200[]V	N/A	N/A	20,000 (5.86)	8,600 (243.5)
MVA24E-256[]V	N/A	N/A	25,600 (7.5)	8,260 (233.9)
MVA26E-252[]V	N/A	N/A	25,200 (7.39)	7,910 (224)
MVA26E-310[]V	N/A	N/A	31,000 (9.09)	7,600 (215.2)
MVA34E-300[]V	N/A	N/A	30,000 (8.79)	12,900 (365.3)
MVA34E-384[]V	N/A	N/A	38,400 (11.25)	12,390 (350.8)
MVA36E-378[]V	N/A	N/A	37,800 (11.08)	11,865 (336)
MVA36E-465[]V	N/A	N/A	46,500 (13.63)	11,400 (322.8)
MVA44E-512[]V	N/A	N/A	51,200 (15.01)	16,520 (467.8)
MVA46E-620[]V	N/A	N/A	62,000 (18.17)	15,200 (430.4)

[] Refrigerant letter code

Minimum Room Floor Area, Refrigerant Charge, and Connection Sizes (MV with electric defrost)

Model	Estimated Refrigerant Charge ^E — lb (g)		Minimum Floor Area ft² (m²)	Line Connection Sizes	
	Operating Charge			Liquid	Suction
	R-454A	R-454C			
MVA14E-100[]V	1.2 (544)		72 (6.9)	1/2"	1 5/8"
MVA14E-128[]V	1.6 (726)		80 (7.4)	1/2"	1 5/8"
MVA16E-126[]V	1.3 (590)		72 (6.9)	1/2"	1 5/8"
MVA16E-155[]V	1.7 (771)		80 (7.4)	1/2"	1 5/8"
MVA24E-200[]V	2.5 (1,134)	2.6 (1,179)	120 (11.1)	5/8"	1 5/8"
MVA24E-256[]V	3.3 (1,497)		140 (13)	5/8"	1 5/8"
MVA26E-252[]V	2.5 (1,134)	2.6 (1,179)	120 (11.1)	5/8"	1 5/8"
MVA26E-310[]V	3.3 (1,497)		140 (13)	5/8"	1 5/8"
MVA34E-300[]V	3.6 (1,633)		192 (17.8)	7/8"	1 5/8"
MVA34E-384[]V	4.9 (2,223)	5 (2,268)	224 (20.8)	7/8"	2 1/8"
MVA36E-378[]V	3.6 (1,633)		192 (17.8)	7/8"	1 5/8"
MVA36E-465[]V	4.9 (2,223)	5 (2,268)	224 (20.8)	7/8"	2 1/8"
MVA44E-512[]V	6.3 (2,858)	6.4 (2,903)	256 (23.8)	7/8"	2 1/8"
MVA46E-620[]V	6.3 (2,858)	6.4 (2,903)	256 (23.8)	7/8"	2 1/8"

[] Refrigerant letter code

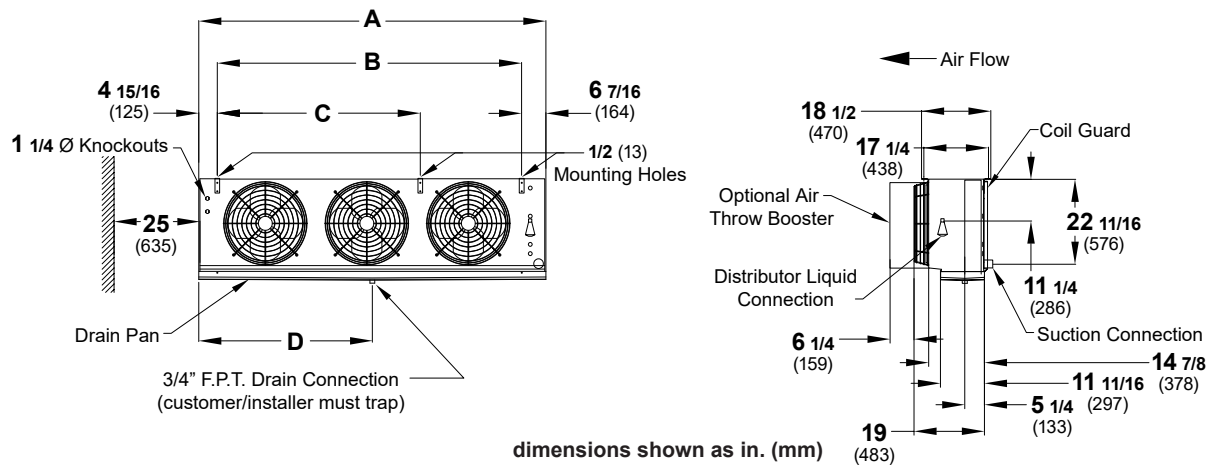
^E Approximate charge based on normal operating conditions, contact Krack if releasable charge information is required

^F Based on -20° F (-28.9° C) suction temperature and 10° F (5.6° C) T.D.

MK-A2L and MV-A2L Series

Dimensional Views

Dimensional Views



Model	A	B	C	D
MKD1/MVA1 (1-fan)	38 3/8 (975)	27 (686)	N/A	19 3/16 (487)
MKD2/MVA2 (2-fan)	63 3/8 (1,610)	54 (1,372)	N/A	32 11/16 (830)
MKD3/MVA3 (3-fan)	92 3/8 (2,346)	81 (2,057)	54 (1,372)	46 3/16 (1,173)
MKD4/MVA4 (4-fan)	119 3/8 (3,032)	108 (2,743)	54 (1,372)	59 11/16 (1,516)

Mounting and Weight Information

Air Defrost MK Models

Model	Number of Hangers	Shipping Weight ^H
MKD14A-094[JV	4	131 lb (59.4 kg)
MKD14A-121[JV	4	136 lb (61.7 kg)
MKD16A-118[JV	4	131 lb (59.4 kg)
MKD16A-145[JV	4	136 lb (61.7 kg)
MKD18A-133[JV	4	131 lb (59.4 kg)
MKD18A-160[JV	4	136 lb (61.7 kg)
MKD24A-188[JV	4	236 lb (107 kg)
MKD24A-242[JV	4	251 lb (113.9 kg)
MKD26A-236[JV	4	236 lb (107 kg)
MKD26A-290[JV	4	251 lb (113.9 kg)
MKD28A-266[JV	4	236 lb (107 kg)
MKD28A-320[JV	4	251 lb (113.9 kg)
MKD34A-363[JV	6	367 lb (166.5 kg)
MKD36A-354[JV	6	347 lb (157.4 kg)
MKD36A-435[JV	6	367 lb (166.5 kg)
MKD38A-393[JV	6	347 lb (157.4 kg)
MKD38A-480[JV	6	367 lb (166.5 kg)
MKD44A-484[JV	6	492 lb (223.2 kg)
MKD46A-580[JV	6	492 lb (223.2 kg)
MKD48A-640[JV	6	492 lb (223.2 kg)

[] Refrigerant letter code

^H Approximate weight, may vary slightly depending on options ordered

MK-A2L and MV-A2L Series

Additional Specifications

Electric or Gas Defrost MK Models

Model	Number of Hangers	Shipping Weight ^H
MKD14()-082[]V	4	131 lb (59.4 kg)
MKD14()-105[]V	4	136 lb (61.7 kg)
MKD16()-103[]V	4	131 lb (59.4 kg)
MKD16()-127[]V	4	136 lb (61.7 kg)
MKD24()-164[]V	4	236 lb (107 kg)
MKD24()-210[]V	4	251 lb (113.9 kg)
MKD26()-206[]V	4	236 lb (107 kg)
MKD26()-254[]V	4	251 lb (113.9 kg)
MKD34()-246[]V	6	347 lb (157.4 kg)
MKD34()-315[]V	6	367 lb (166.5 kg)
MKD36()-309[]V	6	347 lb (157.4 kg)
MKD36()-381[]V	6	367 lb (166.5 kg)
MKD44()-420[]V	6	492 lb (223.2 kg)
MKD46()-508[]V	6	492 lb (223.2 kg)

() Electric or Gas defrost letter code

[] Refrigerant letter code

Electric Defrost MV Models

Model	Number of Hangers	Shipping Weight ^H
MVA14E-100[]V	4	131 lb (59.4 kg)
MVA14E-128[]V	4	136 lb (61.7 kg)
MVA16E-126[]V	4	131 lb (59.4 kg)
MVA16E-155[]V	4	136 lb (61.7 kg)
MVA24E-200[]V	4	236 lb (107 kg)
MVA24E-256[]V	4	251 lb (113.9 kg)
MVA26E-252[]V	4	236 lb (107 kg)
MVA26E-310[]V	4	251 lb (113.9 kg)
MVA34E-300[]V	6	347 lb (157.4 kg)
MVA34E-384[]V	6	367 lb (166.5 kg)
MVA36E-378[]V	6	347 lb (157.4 kg)
MVA36E-465[]V	6	367 lb (166.5 kg)
MVA44E-512[]V	6	492 lb (223.2 kg)
MVA46E-620[]V	6	492 lb (223.2 kg)

[] Refrigerant letter code

^H Approximate weight, may vary slightly depending on options ordered

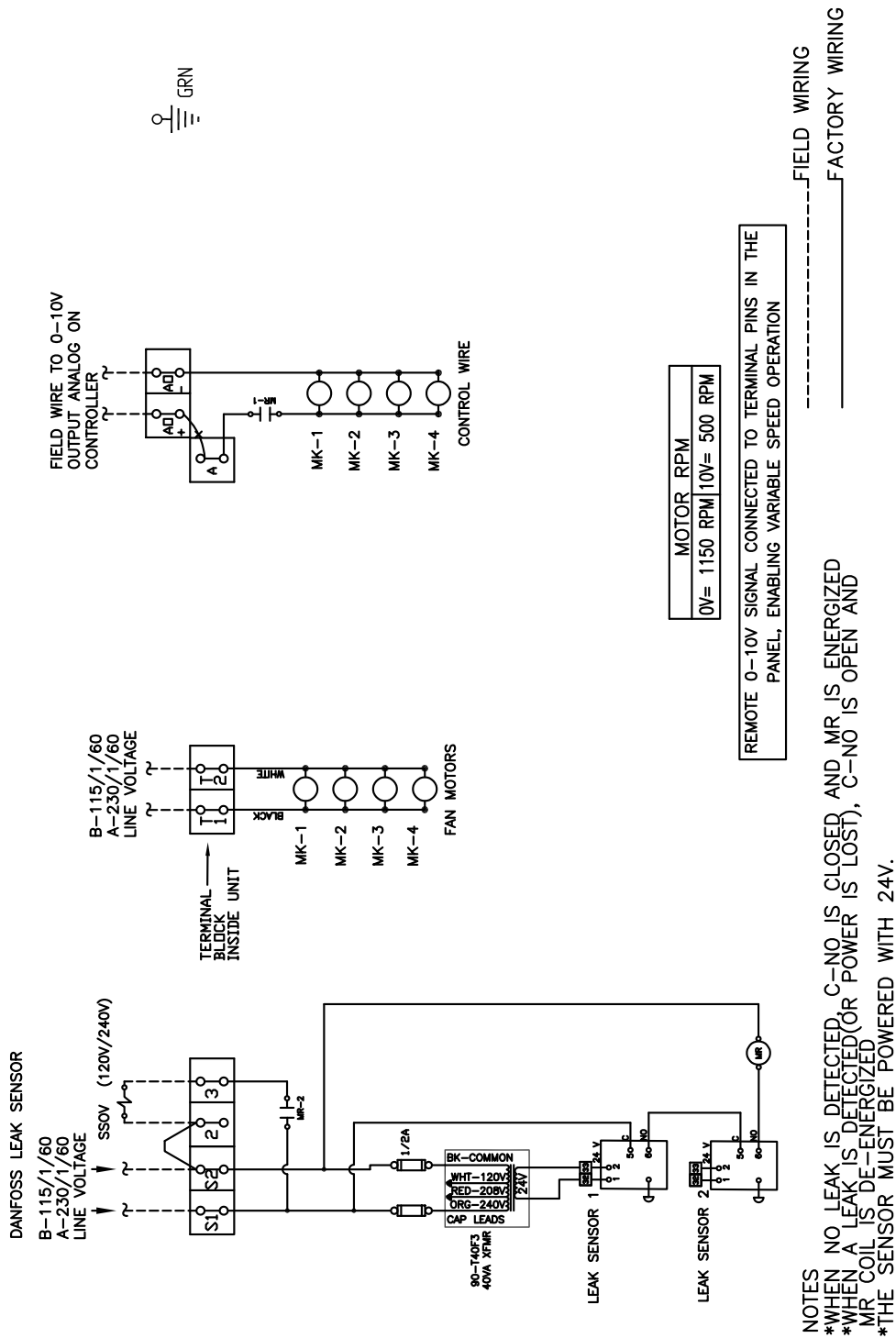
MK-A2L and MV-A2L Series

Wiring Diagrams

Wiring Diagrams

Wire color and configuration depicted on defrost wiring diagrams provided in this document may change depending on configuration or for other design reasons. Example diagrams are provided, but do not represent every possible option. Always consult the wiring diagrams provided with the equipment being worked on for the most accurate information. Equipment-specific wiring diagrams are included in the electrical compartment of the equipment from the factory and must remain in the unit after installation for future use—do not discard.

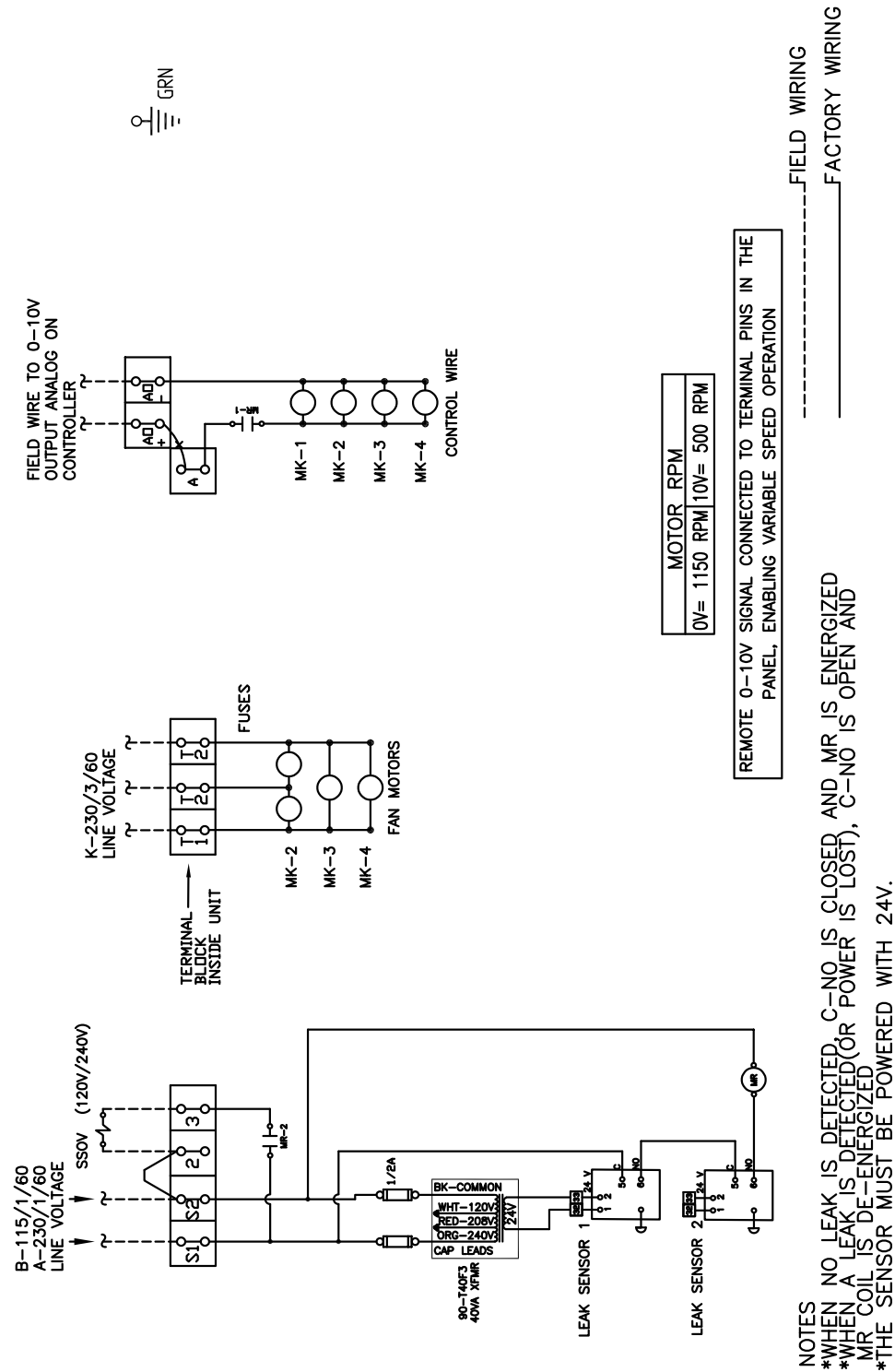
Air Defrost Wiring Diagram (MK only, single phase)



MK-A2L and MV-A2L Series

Wiring Diagrams

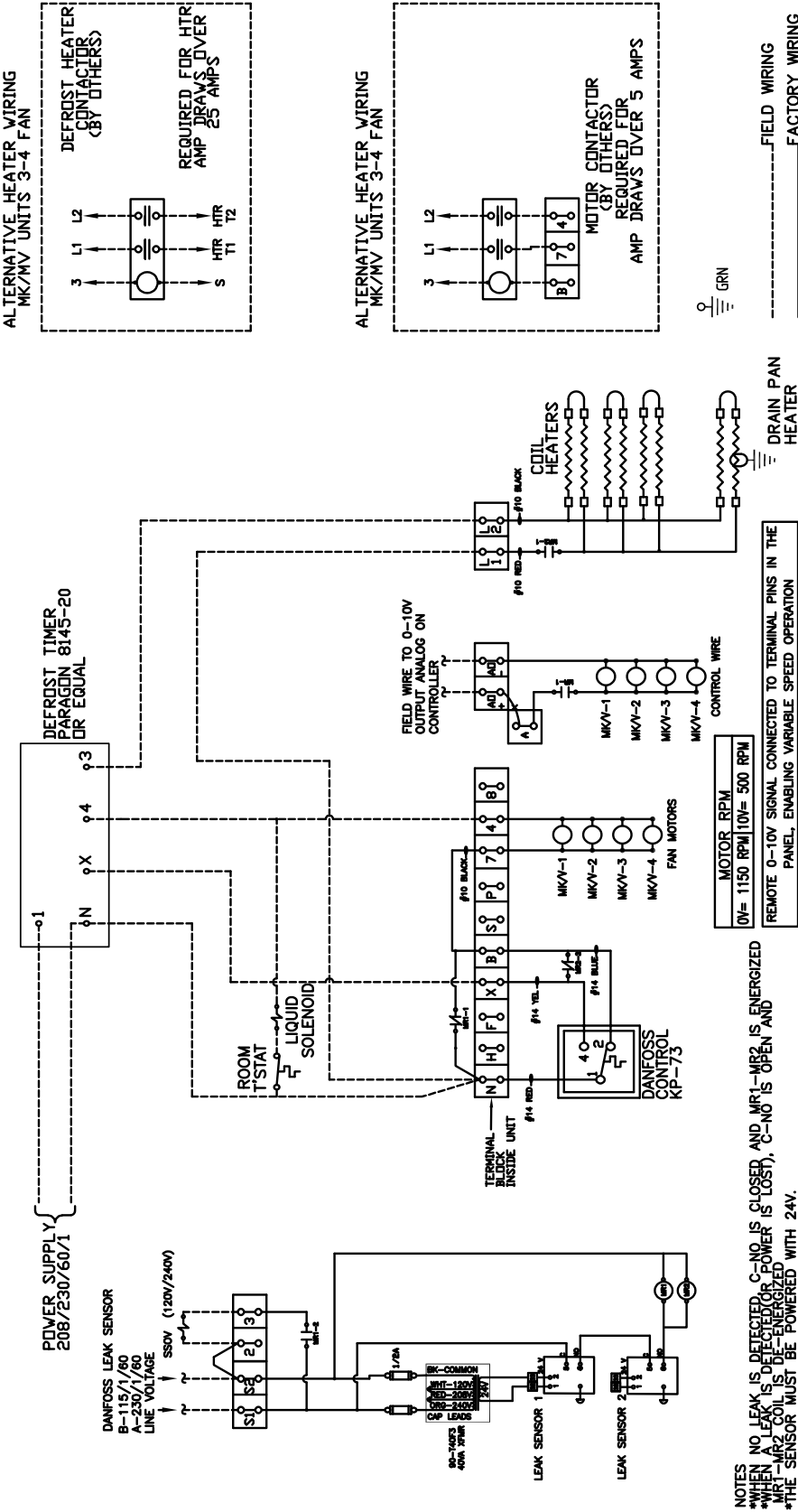
Air Defrost Wiring Diagram (MK only, three phase)



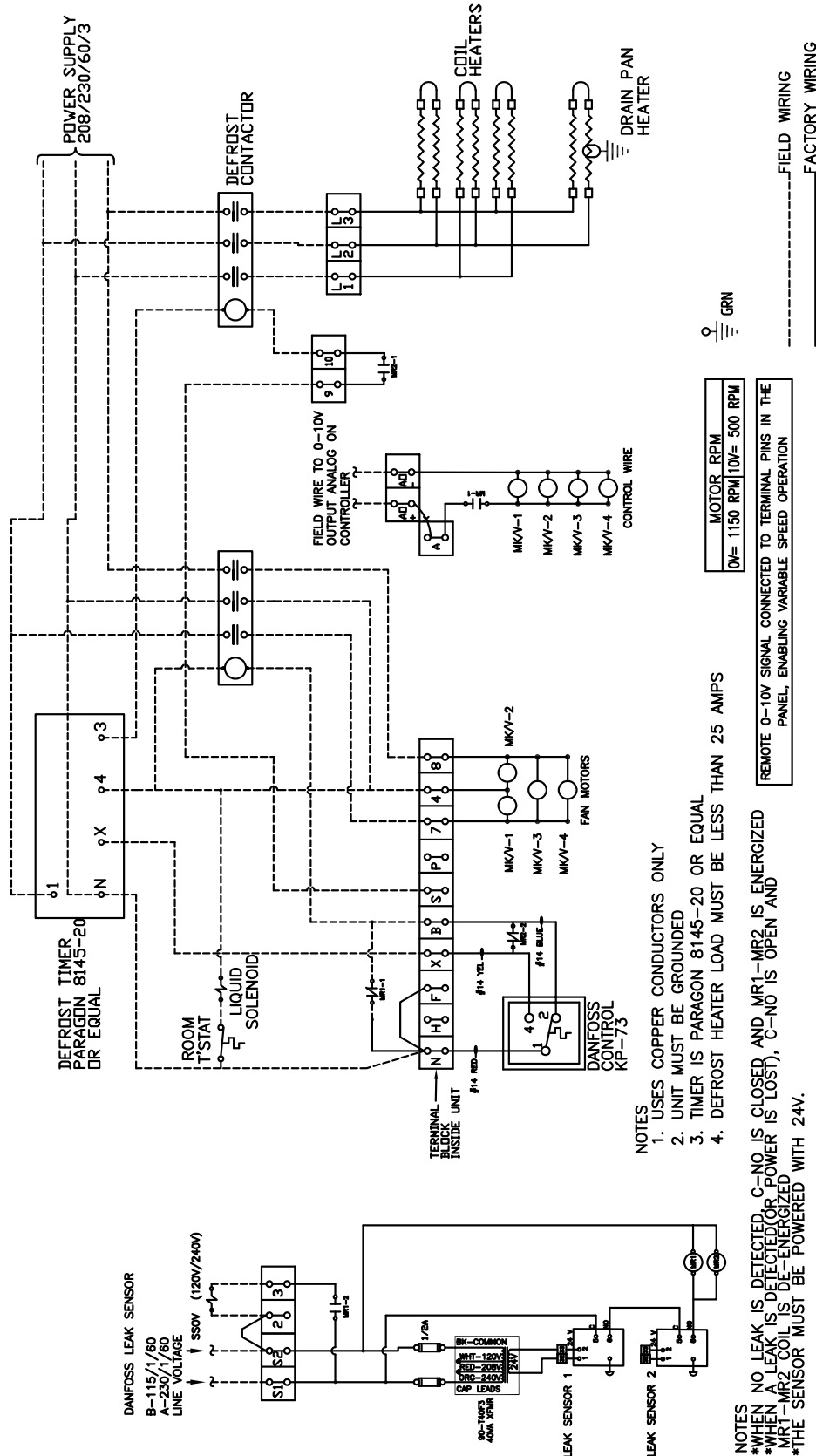
MK-A2L and MV-A2L Series

Wiring Diagrams

Electric Defrost Wiring Diagram (MK and MV, single phase)



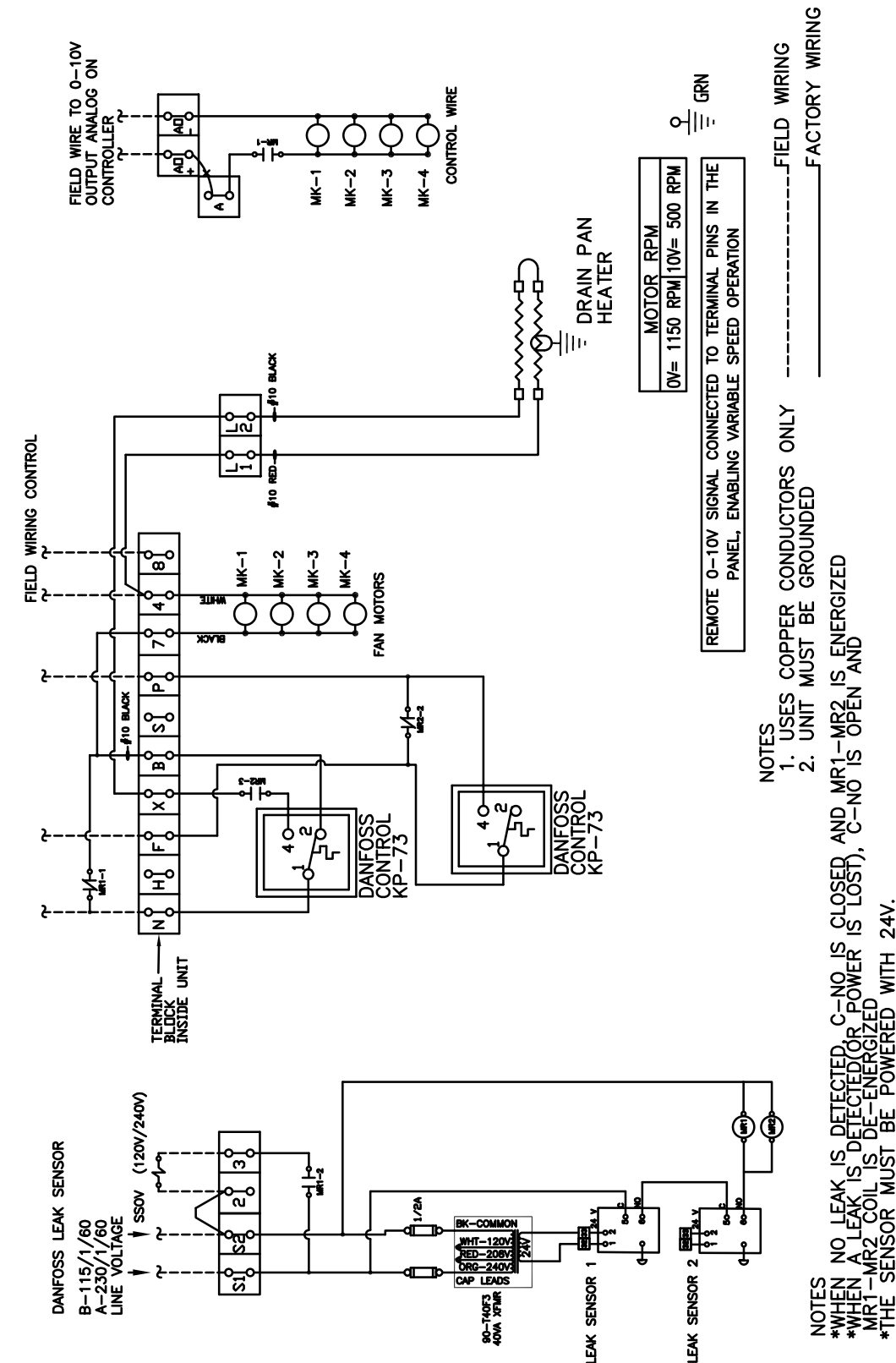
Electric Defrost Wiring Diagram (MK and MV, three phase)



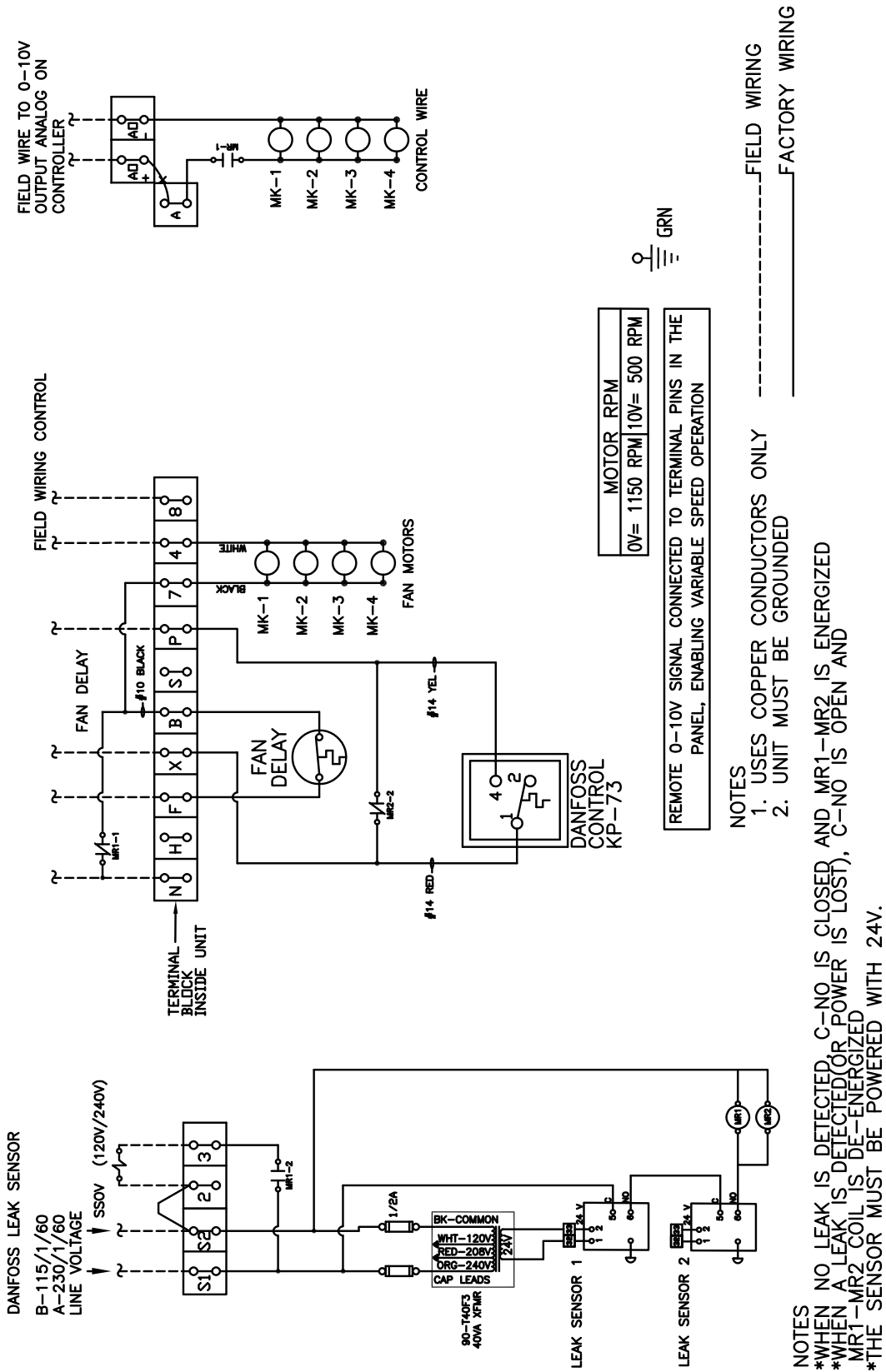
MK-A2L and MV-A2L Series

Wiring Diagrams

Gas Defrost Wiring Diagram (MK only, with electric pan heater)



Gas Defrost Wiring Diagram (MK only, with gas pan heater)



Notes



3237212 Revision History

Revision A: (October 2025) Initial release



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

Parts may also be ordered at:

parts.husmann.com

Call toll free: 1.855.487.7778

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