LK-LVCM | **AUGUST 2026**
Replaces February 2026

LOW VELOCITY CENTER MOUNT EVAPORATOR

Technical Guide

Including A2L and CO_2 90 Bar models meeting DOE minimum AWEF



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FEATURES & BENEFITS

CABINET

- Low height makes it ideal for low ceiling coolers - all models are only 14.5 inches tall, allowing for maximum headroom and more product storage
- Air moves across the ceiling in both directions providing even air distribution throughout the cooler
- Unit designed to be mounted flush against the ceiling or suspended on rods
- Painted white aluminum cabinet cleans easily and looks attractive
- Cabinet design features improved access panels on each end for easy access to electrical and refrigeration components
- Captive stainless steel screws for easy service which prevent dropping/loss and prevent rust streaks or staining
- Improved wire management and routing
- Quick disconnect, waterproof plug and receptacle for each motor in all models
- Liquid line solenoid wire harness is factory-installed for quick installation

COIL

- High-efficiency aluminum fins with full collars cover mechanically expanded copper tubes
- Coils are dehydrated and sealed at the factory
- Electric defrost models incorporate high quality tubular heaters and a standard fixed defrost termination thermostat
- Generous coil surface gives proper compressor balance
- Internally enhanced tubing and fin design for higher efficiency
- Optimized heater placement with reduced heater wattages
- Fixed defrost termination for electric

MOTOR

- Motor rail is design for maximum strength and durability

DRAIN PAN

- Hinged drain pan for faster, easier and safer access and serviceability
- Tapered mounting provides proper slope for condensate drainage to one end of the unit
- Double drain pan eliminates drain pan sweating
- Motors are life lubricated and thermal overload protected
- 2 Speed EC Motors are factory-installed

CONTROL OPTIONS

- intelliGen™ Refrigeration Controller (iRC) units come with a factory mounted controller, tested and calibrated with an electronic expansion valve, pressure transducer, temperature sensors, control board and user interface. Standard features include Door Sensor, Product Load Input and Alarm Output.
- Optional factory or field installable intelliGen Webserver Card (iWC) enables local and remote monitoring on any phone, tablet or PC.
- Optional factory or field installable intelliGen Integration Card (iIC) enables connectivity to BACnet and Modbus.

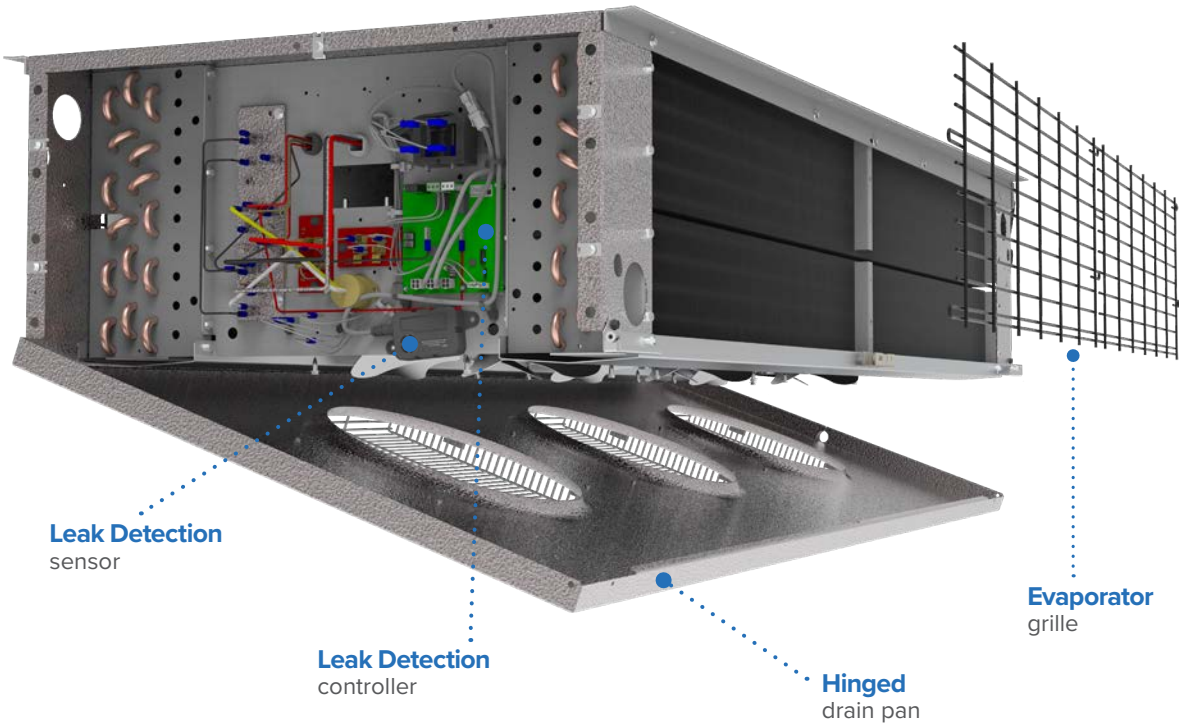
OTHER OPTIONS

- Units available with stainless steel housing and drain pan
- Air defrost units are available with various coil coatings options

A2L FEATURES AND OPTIONS

- A2L and A1 dual refrigerants compatible models
- Factory mounted Refrigerant Detection System (RDS)
  - Mounted refrigerant leak detection sensors
  - Mounted refrigerant leak mitigation controller
  - Early warning leak detection with relay output for external alert devices
  - Mitigation alarm with relay output for external alarm devices
- Base model option available with or without RDS
- Field mounted Refrigerant Detection System kit available.
- Protection grill for evaporator coil
- Red tags on service valves and connection points as indicators for A2L refrigerants
- A2L labels to meet regulatory requirement

OUTSTANDING FEATURES



NOMENCLATURE

BRAND
L = Larkin

EVAPORATOR STYLE
V = Low Velocity Center Mount

VOLTAGE
A = 115/1/60
B = 208-230/1/60

FINS PER INCH
6

MOTOR
M = 2 Speed EC

FACTORY INSTALLED OPTION PACKAGES
B#### = A2L Base Model and HFC Preferred Packages
G#### = A2L Preferred Packages
D#### = A la Carte Options
Y#### = Custom Option Packages

L	E	V	0080	B	S	6	A	M	A	B####

PRODUCT IDENTIFIER
E = Evaporator

BTU CAPACITY
0080 = 8,050
0125 = 12,150
0160 = 15,950
0180 = 17,850
0215 = 21,450
0245 = 24,300
0290 = 28,550
0360 = 35,750

APPLICATION
Y = A2L/HFC Refrigerants
S = HFC Refrigerants
C = CO_2 DX 45 Bar
H = CO_2 DX 90 Bar

DEFROST
A = Air
E = Electric
H = Hot Gas

REVISION

PREFERRED OPTION PACKAGES

Preferred Options	Package Description
B0000	A2L/HFC Base Model
	Standard Base + indicated options below
B0200	intelliGen™ Refrigeration Controller (R-404A/R-448A/R-449A)
B0201	intelliGen™ Refrigeration Controller (R-407A/C/F)
G0000	Standard Base with RDS
G0210	Standard Base with RDS + intelliGen™ (R-455A)
G0211	Standard Base with RDS + intelliGen™ (R-454C)
G0212	Standard Base with RDS + intelliGen™ (R-454A)

PREFERRED OPTION PACKAGES

(CO_2 DX)

Package	Description (standard base model features + indicated options below)
B0000	CO_2 90 Bar Base Model
B0200	intelliGen Refrigeration Controller (CO_2 90 Bar)
B0500	Danfoss EEV (120V) with 1/4”MPT Transducer Connection (Pressure Transducer not included)
B0501	Danfoss EEV (120V) with 1/4”MPT Transducer Connection (Pressure Transducer not included) + Filter Drier
B0502	Sporlan EEV (12V) with 1/4”MPT Transducer Connection (Pressure Transducer not included) + Filter Drier
B0503	Danfoss EEV (120V) with Danfoss Pressure Transducer
B0504	Danfoss EEV (120V) with Danfoss Pressure Transducer + Filter Drier
B0505	Danfoss EEV (120V) with CPC Pressure Transducer
B0506	Danfoss EEV (120V) with CPC Pressure Transducer + Filter Drier
B0507	Sporlan EEV (12V) with Microthermo Pressure Transducer + Filter Drier

A2L PERFORMANCE DATA

Application Capacity: Air Defrost- 60 Hz

Please consult AWEF table on page 22 to confirm model meets DOE minimum AWEF

	R454A				R454C						
	Application Capacity[1]				Application Capacity[1]				Fan Data		
	10°F TD/ 25°F SST	6°C TD/ -4°C SST	Room Area Minimum**	Line Length	10°F TD/ 25°F SST	6°C TD/ -4°C SST	Room Area Minimum**	Line Length			
New Model	BTUH	Watts	Sq. Ft.	Ft.	BTUH	Watts	Sq. Ft.	Ft.	No. of Fans	CFM	m^3H
LEV0055*Y6AMA	5,600	1,641	39	10	4,600	1,348	38	10	1	725	1,232
LEV0080*Y6AMA	8,500	2,461	39	10	7,000	2,461	38	10	1	725	1,232
LEV0125*Y6AMA	11,700	3,399	49	10	9,600	3,399	47	10	2	1,450	2,464
LEV0160*Y6AMA	14,400	4,190	67	20	11,900	4,190	64	20	2	1,450	2,464
LEV0180*Y6AMA	17,500	5,128	71	20	14,400	4,219	68	20	3	2,175	3,695
LEV0215*Y6AMA	21,100	6,182	86	20	17,300	5,069	83	20	3	2,175	3,695
LEV0245*Y6AMA	24,200	7,091	85	20	19,900	5,831	82	20	4	2,900	4,927
LEV0290*Y6AMA	32,200	9,435	104	20	26,400	7,735	101	20	4	2,900	4,927
LEV0360*Y6AMA	40,500	11,867	124	20	33,300	9,757	120	20	5	3,625	6,159

	R455A						
	Application Capacity[1]				Fan Data		
	10°F TD/ 25°F SST	6°C TD/ -4°C SST	Room Area Minimum**	Line Length			
New Model	BTUH	Watts	Sq. Ft.	Ft.	No. of Fans	CFM	m^3H
LEV0055*Y6AMA	5,900	1,729	26	10	1	725	1,232
LEV0080*Y6AMA	9,100	2,667	26	10	1	725	1,232
LEV0125*Y6AMA	12,500	3,663	32	10	2	1,450	2,464
LEV0160*Y6AMA	15,400	4,513	44	20	2	1,450	2,464
LEV0180*Y6AMA	18,700	5,480	46	20	3	2,175	3,695
LEV0215*Y6AMA	22,600	6,623	56	20	3	2,175	3,695
LEV0245*Y6AMA	25,900	7,591	56	20	4	2,900	4,927
LEV0290*Y6AMA	34,400	10,082	68	20	4	2,900	4,927
LEV0360*Y6AMA	43,300	12,690	81	20	5	3,625	6,159

Notes:

[1] = Capacities shown are Application Capacities reflecting nominal operation at 10°F TD. For models within the scope of the DOE AWEF (Annual Walk-in Energy Factor) standard, the Net Capacity is determined by the AHRI 1250 test method. DOE will publish this compliance data at www.regulations.doe.gov

* = Electrical Code Designator (see Nomenclature details)

^ = Motor Code Designator (see Nomenclature details)

Net Capacity is available upon request

** Room Area Minumum is calculated using the Line Length from the Safety Shut-off Valve (SSOV) to the Unit Cooler. For applications requiring other line lengths, please contact Heatcraft Representative for Room Area Minimum re-calculation.

A1 PERFORMANCE DATA

Application Capacity: Air Defrost- 60 Hz

Please consult AWEF table on page 22 to confirm model meets DOE minimum AWEF

		R-404A/R-507A		R-448A/R-449A				
		Application Capacity[1]		Application Capacity[1]		Fan Data		
New Model	Legacy Model	10°F TD/25°F SST	6°C TD/4°C SST	10°F TD/25°F SST	6°C TD/4°C SST			
		BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H
LEV0055*±6AMA	LWA050	5,000	1,465	5,500	1,612	1	725	1,232
LEV0080*±6AMA	LWA075	7,500	2,198	8,400	2,461	1	725	1,232
LEV0125*±6AMA	LWA100	10,000	2,930	11,600	3,399	2	1,450	2,464
LEV0160*±6AMA	LWA130	13,000	3,809	14,300	4,190	2	1,450	2,464
LEV0180*±6AMA	LWA155‡	15,500	4,542	17,360	5,086	3	2,175	3,695
LEV0215*±6AMA	LWA180	18,000	5,274	20,880	6,118	3	2,175	3,695
LEV0245*±6AMA	LWA210	21,000	6,153	23,940	7,014	4	2,900	4,927
LEV0290*±6AMA	LWA270	27,000	7,911	31,860	9,335	4	2,900	4,927
LEV0360*±6AMA	LWA340	34,000	9,962	40,120	11,755	5	3,625	6,159

		R-407A/R-407F		R-407C				
		Application Capacity[1]		Application Capacity[1]		Fan Data		
New Model	Legacy Model	10°F TD/25°F SST	6°C TD/4°C SST	10°F TD/25°F SST	6°C TD/4°C SST			
		BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H
LEV0055*±6AMA	LWA050	5,500	1,612	5,500	1,612	1	725	1,232
LEV0080*±6AMA	LWA075	8,400	2,461	8,400	2,461	1	725	1,232
LEV0125*±6AMA	LWA100	11,600	3,399	11,600	3,399	2	1,450	2,464
LEV0160*±6AMA	LWA130	14,300	4,190	14,300	4,190	2	1,450	2,464
LEV0180*±6AMA	LWA155‡	17,360	5,086	17,360	5,086	3	2,175	3,695
LEV0215*±6AMA	LWA180	20,880	6,118	20,880	6,118	3	2,175	3,695
LEV0245*±6AMA	LWA210	23,940	7,014	23,940	7,014	4	2,900	4,927
LEV0290*±6AMA	LWA270	31,860	9,335	31,860	9,335	4	2,900	4,927
LEV0360*±6AMA	LWA340	40,120	11,755	40,120	11,755	5	3,625	6,159

Notes:

[1] = Capacities shown are Application Capacities reflecting nominal operation at 10°F TD. For models within the scope of the DOE AWEF (Annual Walk-in Energy Factor) standard, the Net Capacity is determined by the AHRI 1250 test method. DOE will publish this compliance data at www.regulations.doe.gov

* = Electrical Code Designator (see Nomenclature details)

‡ = Number of fans increases from 2 in legacy to 3 in new model

Net Capacity is available upon request

± = Y/S (see Nomenclature details)

A1 PERFORMANCE DATA

Application Capacity: Air Defrost- 60 Hz

Please consult AWEF table on page 22 to confirm model meets DOE minimum AWEF

		CO_2 45/90 Bar				
		Application Capacity[1]		Fan Data		
New Model	Legacy Model	10°F TD/25°F SST	6°C TD/4°C SST			
		BTUH	Watts	No. of Fans	CFM	m^3H
LEV0055*±6A^A	WKAY050	5,500	1,612	1	725	1,232
LEV0080*±6A^A	WKAY075	8,400	2,462	1	725	1,232
LEV0125*±6A^A	WKAY100	11,600	3,400	2	1,450	2,464
LEV0160*±6A^A	WKAY130	14,300	4,191	2	1,450	2,464
LEV0180*±6A^A	WKAY155	17,360	5,088	3	2,175	3,695
LEV0215*±6A^A	WKAY180	20,880	6,119	3	2,175	3,695
LEV0245*±6A^A	WKAY210	23,940	7,016	4	2,900	4,927
LEV0290*±6A^A	WKAY270	31,860	9,337	4	2,900	4,927
LEV0360*±6A^A	WKAY340	40,120	11,758	5	3,625	6,159

Notes:

[1] = Capacities shown are Application Capacities reflecting nominal operation at 10°F TD. For models within the scope of the DOE AWEF (Annual Walk-in Energy Factor) standard, the Net Capacity is determined by the AHRI 1250 test method. DOE will publish this compliance data at www.regulations.doe.gov

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Net Capacity is available upon request

± = Refrigerant Designator (see Nomenclature details)

SPECIFICATIONS

Air Defrost- 60 Hz

Please consult AWEF table on page 22 to confirm model meets DOE minimum AWEF

New Model	HP	2 Speed EC Motor							
		115/1/60				208-230/1/60			
		Amps	Watts	MCA	MOPD	Amps	Watts	MCA	MOPD
LEV0055*±6AMA	1/20	0.8	55	1.1	20	0.4	55	0.6	15
LEV0080*±6AMA	1/20	0.8	55	1.1	20	0.4	55	0.6	15
LEV0125*±6AMA	1/20	1.7	110	2.0	20	0.8	110	1.1	15
LEV0160*±6AMA	1/20	1.7	110	2.0	20	0.8	110	1.1	15
LEV0180*±6AMA	1/20	2.5	165	2.9	20	1.3	165	1.6	15
LEV0215*±6AMA	1/20	2.5	165	2.9	20	1.3	165	1.6	15
LEV0245*±6AMA	1/20	3.4	220	3.8	20	1.7	220	2.1	15
LEV0290*±6AMA	1/20	3.4	220	3.8	20	1.7	220	2.1	15
LEV0360*±6AMA	1/20	4.2	275	4.7	20	2.1	275	2.6	15

Notes:

* = Electrical Code Designator (see Nomenclature details)
± = Refrigerant Designator (see Nomenclature details)

A2L PERFORMANCE DATA

Application Capacity: Medium Temperature Electric Defrost- 60 Hz

Please consult AWEF table on page 22 to confirm model meets DOE minimum AWEF

	R454A				R454C						
	Application Capacity[1]				Application Capacity[1]				Fan Data		
	10°F TD/ 25°F SST	6°C TD/ -4°C SST	Room Area Minimum**	Line Length	10°F TD/ 25°F SST	6°C TD/ -4°C SST	Room Area Minimum**	Line Length			
New Model	BTUH	Watts	Sq. Ft.	Ft.	BTUH	Watts	Sq. Ft.	Ft.	No. of Fans	CFM	m^3H
LEV0055BY6EMA	5,600	1,641	39	10	4,600	1,348	38	10	1	725	1,232
LEV0080BY6EMA	8,500	2,461	39	10	7,000	2,461	38	10	1	725	1,232
LEV0125BY6EMA	11,700	3,399	49	10	9,600	3,399	47	10	2	1,450	2,464
LEV0160BY6EMA	14,400	4,190	67	20	11,900	4,190	64	20	2	1,450	2,464
LEV0180BY6EMA	17,500	5,128	71	20	14,400	4,219	68	20	3	2,175	3,695
LEV0215BY6EMA	21,100	6,182	86	20	17,300	5,069	83	20	3	2,175	3,695
LEV0245BY6EMA	24,200	7,091	85	20	19,900	5,831	82	20	4	2,900	4,927
LEV0290BY6EMA	32,200	9,435	104	20	26,400	7,735	101	20	4	2,900	4,927
LEV0360BY6EMA	40,500	11,867	124	20	33,300	9,757	120	20	5	3,625	6,159

	R455A						
	Application Capacity[1]				Fan Data		
	10°F TD/ 25°F SST	6°C TD/ -4°C SST	Room Area Minimum**	Line Length			
New Model	BTUH	Watts	Sq. Ft.	Ft.	No. of Fans	CFM	m^3H
LEV0055BY6EMA	5,900	1,729	26	10	1	725	1,232
LEV0080BY6EMA	9,100	2,667	26	10	1	725	1,232
LEV0125BY6EMA	12,500	3,663	32	10	2	1,450	2,464
LEV0160BY6EMA	15,400	4,513	44	20	2	1,450	2,464
LEV0180BY6EMA	18,700	5,480	46	20	3	2,175	3,695
LEV0215BY6EMA	22,600	6,623	56	20	3	2,175	3,695
LEV0245BY6EMA	25,900	7,591	56	20	4	2,900	4,927
LEV0290BY6EMA	34,400	10,082	68	20	4	2,900	4,927
LEV0360BY6EMA	43,300	12,690	81	20	5	3,625	6,159

Notes:

[1] = Capacities shown are Application Capacities reflecting nominal operation at 10°F TD. For models within the scope of the DOE AWEF (Annual Walk-in Energy Factor) standard, the Net Capacity is determined by the AHRI 1250 test method. DOE will publish this compliance data at www.regulations.doe.gov

* = Electrical Code Designator (see Nomenclature details)

^ = Motor Code Designator (see Nomenclature details)

Net Capacity is available upon request

** Room Area Minumum is calculated using the Line Length from the Safety Shut-off Valve (SSOV) to the Unit Cooler. For applications requiring other line lengths, please contact Heatcraft Representative for Room Area Minimum re-calculation.

A1 PERFORMANCE DATA

Application Capacity: Medium Temperature Electric Defrost- 60 Hz

Please consult AWEF table on page 22 to confirm model meets DOE minimum AWEF

		R-404A/R-507A		R-448A/R-449A				
		Application Capacity[1]		Application Capacity[1]		Fan Data		
New Model	Legacy Model	10°F TD/25°F SST	6°C TD/4°C SST	10°F TD/25°F SST	6°C TD/4°C SST			
		BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H
LEV0055B±6EMA	LWEE050	5,000	1,465	5,500	1,612	1	725	1,232
LEV0080B±6EMA	LWEE075	7,500	2,198	8,400	2,461	1	725	1,232
LEV0125B±6EMA	LWEE100	10,000	2,930	11,600	3,399	2	1,450	2,464
LEV0160B±6EMA	LWEE130	13,000	3,809	14,300	4,190	2	1,450	2,464
LEV0180B±6EMA	LWEE155‡	15,500	4,542	17,360	5,086	3	2,175	3,695
LEV0215B±6EMA	LWEE180	18,000	5,274	20,880	6,118	3	2,175	3,695
LEV0245B±6EMA	LWEE210	21,000	6,153	23,940	7,014	4	2,900	4,927
LEV0290B±6EMA	LWEE270	27,000	7,911	31,860	9,335	4	2,900	4,927
LEV0360B±6EMA	LWEE340	34,000	9,962	40,120	11,755	5	3,625	6,159

		R-407A/R-407F		R-407C				
		Application Capacity[1]		Application Capacity[1]		Fan Data		
New Model	Legacy Model	10°F TD/25°F SST	6°C TD/4°C SST	10°F TD/25°F SST	6°C TD/4°C SST			
		BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H
LEV0055B±6EMA	LWEE050	5,500	1,612	5,500	1,612	1	725	1,232
LEV0080B±6EMA	LWEE075	8,400	2,461	8,400	2,461	1	725	1,232
LEV0125B±6EMA	LWEE100	11,600	3,399	11,600	3,399	2	1,450	2,464
LEV0160B±6EMA	LWEE130	14,300	4,190	14,300	4,190	2	1,450	2,464
LEV0180B±6EMA	LWEE155‡	17,360	5,086	17,360	5,086	3	2,175	3,695
LEV0215B±6EMA	LWEE180	20,880	6,118	20,880	6,118	3	2,175	3,695
LEV0245B±6EMA	LWEE210	23,940	7,014	23,940	7,014	4	2,900	4,927
LEV0290B±6EMA	LWEE270	31,860	9,335	31,860	9,335	4	2,900	4,927
LEV0360B±6EMA	LWEE340	40,120	11,755	40,120	11,755	5	3,625	6,159

Notes:

[1] = Capacities shown are Application Capacities reflecting nominal operation at 10°F TD. For models within the scope of the DOE AWEF (Annual Walk-in Energy Factor) standard, the Net Capacity is determined by the AHRI 1250 test method. DOE will publish this compliance data at www.regulations.doe.gov

* = Electrical Code Designator (see Nomenclature details)

‡ = Number of fans increases from 2 in legacy to 3 in new model

Net Capacity is available upon request

± = Y/S (see Nomenclature details)

A1 PERFORMANCE DATA

Application Capacity: Medium Temperature Electric Defrost- 60 Hz

Please consult AWEF table on page 22 to confirm model meets DOE minimum AWEF

		CO_2 45/90 Bar				
		Application Capacity[1]		Fan Data		
New Model	Legacy Model	10°F TD/25°F SST	6°C TD/4°C SST			
		BTUH	Watts	No. of Fans	CFM	m^3H
LEV0055*±6E^A	WKEY050	5,500	1,612	1	725	1,232
LEV0080*±6E^A	WKEY075	8,400	2,462	1	725	1,232
LEV0125*±6E^A	WKEY100	11,600	3,400	2	1,450	2,464
LEV0160*±6E^A	WKEY130	14,300	4,191	2	1,450	2,464
LEV0180*±6E^A	WKEY155	17,360	5,088	3	2,175	3,695
LEV0215*±6E^A	WKEY180	20,880	6,119	3	2,175	3,695
LEV0245*±6E^A	WKEY210	23,940	7,016	4	2,900	4,927
LEV0290*±6E^A	WKEY270	31,860	9,337	4	2,900	4,927
LEV0360*±6E^A	WKEY340	40,120	11,758	5	3,625	6,159

Notes:

[1] = Capacities shown are Application Capacities reflecting nominal operation at 10°F TD. For models within the scope of the DOE AWEF (Annual Walk-in Energy Factor) standard, the Net Capacity is determined by the AHRI 1250 test method. DOE will publish this compliance data at www.regulations.doe.gov

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‡ = Number of fans increases from 2 in legacy to 3 in new model

Net Capacity is available upon request

± = Refrigerant Designator (see Nomenclature details)

SPECIFICATIONS

Electric Defrost- 60 Hz

Please consult AWEF table on page 22 to confirm model meets DOE minimum AWEF

New Model	HP	2 Speed EC Motor				Defrost Heaters	
		208-230/1/60					
		Amps	Watts	MCA	MOPD	Watts	Total Amps
LEV0055B±6EMA	1/20	0.4	55	0.6	15	1,600	7.0
LEV0080B±6EMA	1/20	0.4	55	0.6	15	1,600	7.0
LEV0125B±6EMA	1/20	0.8	55	1.1	15	2,800	12.2
LEV0160B±6EMA	1/20	0.8	110	1.1	15	2,800	12.2
LEV0180B±6EMA	1/20	1.3	110	1.1	15	4,000	17.0
LEV0215B±6EMA	1/20	1.3	165	1.6	15	4,000	17.4
LEV0245B±6EMA	1/20	1.7	165	2.1	15	5,200	22.6
LEV0290B±6EMA	1/20	1.7	220	2.1	15	5,200	22.6
LEV0360B±6EMA	1/20	2.1	220	2.6	15	7,000	30.4

Notes:
± = Refrigerant Designator (see Nomenclature details)

A2L PERFORMANCE DATA

Application Capacity: Medium Temperature Hot Gas Defrost- 60 Hz

Please consult AWEF table on page 23 to confirm model meets DOE minimum AWEF

	R454A				R454C						
	Application Capacity[1]				Application Capacity[1]				Fan Data		
	10°F TD/ 25°F SST	6°C TD/ -4°C SST	Room Area Minimum**	Line Length	10°F TD/ 25°F SST	6°C TD/ -4°C SST	Room Area Minimum**	Line Length			
New Model	BTUH	Watts	Sq. Ft.	Ft.	BTUH	Watts	Sq. Ft.	Ft.	No. of Fans	CFM	m^3H
LEV0080*Y6HMA	8,500	2,491	39	10	7,000	2,051	38	10	1	725	1,232
LEV0125*Y6HMA	11,700	2,461	49	10	9,600	2,461	47	10	1	725	1,232
LEV0160*Y6HMA	14,400	3,399	67	20	11,900	3,399	64	20	2	1,450	2,464
LEV0180*Y6HMA	17,500	4,190	71	20	14,400	4,190	68	20	2	1,450	2,464
LEV0215*Y6HMA	21,100	6,182	86	20	17,300	5,069	83	20	3	2,175	3,695
LEV0245*Y6HMA	24,200	7,091	85	20	19,900	5,831	82	20	3	2,175	3,695
LEV0290*Y6HMA	32,200	9,435	104	20	26,400	7,735	101	20	4	2,900	4,927
LEV0360*Y6HMA	40,500	11,867	124	20	33,300	9,757	120	20	4	2,900	4,927

	R455A						
	Application Capacity[1]				Fan Data		
	10°F TD/ 25°F SST	6°C TD/ -4°C SST	Room Area Minimum**	Line Length			
New Model	BTUH	Watts	Sq. Ft.	Ft.	No. of Fans	CFM	m^3H
LEV0080*Y6HMA	9,100	2,667	26	10	1	725	1,232
LEV0125*Y6HMA	12,500	3,663	32	10	1	725	1,232
LEV0160*Y6HMA	15,400	4,513	44	20	2	1,450	2,464
LEV0180*Y6HMA	18,700	5,480	46	20	2	1,450	2,464
LEV0215*Y6HMA	22,600	6,623	56	20	3	2,175	3,695
LEV0245*Y6HMA	25,900	7,591	56	20	3	2,175	3,695
LEV0290*Y6HMA	34,400	10,082	68	20	4	2,900	4,927
LEV0360*Y6HMA	43,300	12,690	81	20	4	2,900	4,927

Notes:

[1] = Capacities shown are Application Capacities reflecting nominal operation at 10°F TD. For models within the scope of the DOE AWEF (Annual Walk-in Energy Factor) standard, the Net Capacity is determined by the AHRI 1250 test method. DOE will publish this compliance data at www.regulations.doe.gov

* = Electrical Code Designator (see Nomenclature details)

^ = Motor Code Designator (see Nomenclature details)

Net Capacity is available upon request

** Room Area Minumum is calculated using the Line Length from the Safety Shut-off Valve (SSOV) to the Unit Cooler. For applications requiring other line lengths, please contact Heatcraft Representative for Room Area Minimum re-calculation.

A1 PERFORMANCE DATA

Application Capacity: Medium Temperature Hot Gas Defrost- 60 Hz

Please consult AWEF table on page 23 to confirm model meets DOE minimum AWEF

		R-404A/R-507A		R-448A/R-449A				
		Application Capacity[1]		Application Capacity[1]		Fan Data		
New Model	Legacy Model	10°F TD/25°F SST	6°C TD/4°C SST	10°F TD/25°F SST	6°C TD/4°C SST			
		BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H
LEV0080*±6HMA	NA	7,500	2,198	8,400	2,461	1	725	1,232
LEV0125*±6HMA	LWG100	10,000	2,930	11,600	3,399	2	1,450	2,464
LEV0160*±6HMA	LWG130	13,000	3,809	14,300	4,190	2	1,450	2,464
LEV0180*±6HMA	LWG155‡	15,500	4,542	17,360	5,086	3	2,175	3,695
LEV0215*±6HMA	LWG180	18,000	5,274	20,880	6,118	3	2,175	3,695
LEV0245*±6HMA	LWG210	21,000	6,153	23,940	7,014	4	2,900	4,927
LEV0290*±6HMA	LWG270	27,000	7,911	31,860	9,335	4	2,900	4,927
LEV0360*±6HMA	LWG340	34,000	9,962	40,120	11,755	5	3,625	6,159

		R-407A/R-407F		R-407C				
		Application Capacity[1]		Application Capacity[1]		Fan Data		
New Model	Legacy Model	10°F TD/25°F SST	6°C TD/4°C SST	10°F TD/25°F SST	6°C TD/4°C SST			
		BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H
LEV0080*±6HMA	NA	8,400	2,461	8,400	2,461	1	725	1,232
LEV0125*±6HMA	LWG100	11,600	3,399	11,600	3,399	2	1,450	2,464
LEV0160*±6HMA	LWG130	14,300	4,190	14,300	4,190	2	1,450	2,464
LEV0180*±6HMA	LWG155‡	17,360	5,086	17,360	5,086	3	2,175	3,695
LEV0215*±6HMA	LWG180	20,880	6,118	20,880	6,118	3	2,175	3,695
LEV0245*±6HMA	LWG210	23,940	7,014	23,940	7,014	4	2,900	4,927
LEV0290*±6HMA	LWG270	31,860	9,335	31,860	9,335	4	2,900	4,927
LEV0360*±6HMA	LWG340	40,120	11,755	40,120	11,755	5	3,625	6,159

Notes:

[1] = Capacities shown are Application Capacities reflecting nominal operation at 10°F TD. For models within the scope of the DOE AWEF (Annual Walk-in Energy Factor) standard, the Net Capacity is determined by the AHRI 1250 test method. DOE will publish this compliance data at www.regulations.doe.gov

* = Electrical Code Designator (see Nomenclature details)

‡ = Number of fans increases from 2 in legacy to 3 in new model

Net Capacity is available upon request

± Y/S (see Nomenclature details)

SPECIFICATIONS

Hot Gas Defrost- 60 Hz

Please consult AWEF table on page 23 to confirm model meets DOE minimum AWEF

		2-Speed EC Motor				Drain Pan Heaters	
		115/1/60				Watts	115/1/60
New Model	HP	Amps	Watts	MCA	MOPD		Total Amps
LEV0080*±6HMA	1/20	0.8	55	1.1	20	200	1.7
LEV0125*±6HMA	1/20	1.7	110	2.0	20	350	3
LEV0160*±6HMA	1/20	1.7	110	2.0	20	350	3
LEV0180*±6HMA	1/20	2.5	165	2.9	20	500	4.3
LEV0215*±6HMA	1/20	2.5	165	2.9	20	500	4.3
LEV0245*±6HMA	1/20	3.4	220	3.8	20	650	5.7
LEV0290*±6HMA	1/20	3.4	220	3.8	20	650	5.7
LEV0360*±6HMA	1/20	4.2	275	4.7	20	875	7.6

		2-Speed EC Motor				Drain Pan Heaters	
		208-230/1/60				Watts	208-230/1/60
New Model	HP	Amps	Watts	MCA	MOPD		Total Amps
LEV0080*±6HMA	1/20	0.4	55	0.6	15	200	0.9
LEV0125*±6HMA	1/20	0.8	110	1.1	15	350	1.5
LEV0160*±6HMA	1/20	0.8	110	1.1	15	350	1.5
LEV0180*±6HMA	1/20	1.3	165	1.6	15	500	2.2
LEV0215*±6HMA	1/20	1.3	165	1.6	15	500	2.2
LEV0245*±6HMA	1/20	1.7	220	2.1	15	650	2.8
LEV0290*±6HMA	1/20	1.7	220	2.1	15	650	2.8
LEV0360*±6HMA	1/20	2.1	275	2.6	15	875	3.8

Notes:

* = Electrical Code Designator (see Nomenclature details)

± = Refrigerant Designator

PHYSICAL DATA

Air Defrost

Model	No. of Fans	Coil Inlet OD	Suction OD	Equalizer OD	Drain MPT	Approx. Net Weight	
						lb	kg
LEV0055*±6AMA	1	3/8	1 - 3/8	1/4	3/4	95	43
LEV0080*±6AMA	1	3/8	1 - 3/8	1/4	3/4	95	43
LEV0125*±6AMA	2	3/8	1 - 3/8	1/4	3/4	153	69
LEV0160*±6AMA	2	3/8	1 - 3/8	1/4	3/4	181	82
LEV0180*±6AMA	3	3/8	1 - 3/8	1/4	3/4	214	97
LEV0215*±6AMA	3	3/8	1 - 3/8	1/4	3/4	227	103
LEV0245*±6AMA	4	3/8	1 - 3/8	1/4	3/4	274	124
LEV0290*±6AMA	4	3/8	1 - 3/8	1/4	3/4	274	124
LEV0360*±6AMA	5	3/8	1 - 3/8	1/4	3/4	330	150

Air Defrost (CO_2 DX 45 Bar)

Model	No. of Fans	Coil Inlet [2]	Suction OD [2]	Drain MPT	Approx. Net Weight	
					lb	kg
LEV0055*C6A^A	1	3/8	3/8	3/4	84	38
LEV0080*C6A^A	1	3/8	3/8	3/4	84	38
LEV0125*C6A^A	2	3/8	3/8	3/4	117	53
LEV0160*C6A^A	2	3/8	3/8	3/4	164	74
LEV0180*C6A^A	3	3/8	3/8	3/4	179	81
LEV0215*C6A^A	3	3/8	3/8	3/4	192	87
LEV0245*C6A^A	4	3/8	1/2	3/4	232	105
LEV0290*C6A^A	4	3/8	1/2	3/4	240	109
LEV0360*C6A^A	5	1/2	1/2	3/4	291	132

Air Defrost (CO_2 DX 90 Bar)

Model	No. of Fans	Coil Inlet	Suction OD	Drain MPT	Approx. Net Weight	
					lb	kg
LEV0055^H6AMA	1	3/8	5/8	3/4	103	47
LEV0080^H6AMA	1	3/8	5/8	3/4	103	47
LEV0125^H6AMA	2	3/8	5/8	3/4	170	77
LEV0160^H6AMA	2	3/8	5/8	3/4	198	90
LEV0180^H6AMA	3	3/8	5/8	3/4	240	109
LEV0215^H6AMA	3	3/8	5/8	3/4	253	115
LEV0245^H6AMA	4	3/8	5/8	3/4	309	140
LEV0290^H6AMA	4	3/8	5/8	3/4	309	140
LEV0360^H6AMA	5	3/8	5/8	3/4	374	169

Notes:
* = Electrical Code Designator (see Nomenclature details)
All connections are in "
[2] = Connection sizes may vary, if TD is lesser or greater than 10^0F
± = Refrigerant Designator

PHYSICAL DATA

Electric Defrost

Model	No. of Fans	Coil Inlet OD	Suction OD	Equalizer OD	Drain MPT	Approx. Net Weight lb	Approx. Net Weight kg
LEV0055B±6EMA	1	3/8	1 - 3/8	1/4	3/4	95	43
LEV0080B±6EMA	1	3/8	1 - 3/8	1/4	3/4	95	43
LEV0125B±6EMA	2	3/8	1 - 3/8	1/4	3/4	129	59
LEV0160B±6EMA	2	3/8	1 - 3/8	1/4	3/4	185	84
LEV0180B±6EMA	3	3/8	1 - 3/8	1/4	3/4	185	84
LEV0215B±6EMA	3	3/8	1 - 3/8	1/4	3/4	194	88
LEV0245B±6EMA	4	3/8	1 - 3/8	1/4	3/4	250	113
LEV0290B±6EMA	4	3/8	1 - 3/8	1/4	3/4	250	113
LEV0360B±6EMA	5	3/8	1 - 3/8	1/4	3/4	306	139

Electric Defrost (CO_2 DX 45 Bar)

Model	No. of Fans	Coil Inlet [2]	Suction [2]	Drain MPT	Approx. Net Weight lb	Approx. Net Weight kg
LEV0055*C6E^A	1	3/8	3/8	3/4	90	41
LEV0080*C6E^A	1	3/8	3/8	3/4	90	41
LEV0125*C6E^A	2	3/8	3/8	3/4	124	56
LEV0160*C6E^A	2	3/8	3/8	3/4	180	82
LEV0180*C6E^A	3	3/8	3/8	3/4	185	84
LEV0215*C6E^A	3	3/8	3/8	3/4	189	86
LEV0245*C6E^A	4	3/8	1/2	3/4	244	111
LEV0290*C6E^A	4	3/8	1/2	3/4	250	113
LEV0360*C6E^A	5	1/2	1/2	3/4	300	136

Electric Defrost (CO_2 DX 90 Bar)

Model	No. of Fans	Coil Inlet [2]	Suction [2]	Drain MPT	Approx. Net Weight lb	Approx. Net Weight kg
LEV0055^H6EMA	1	3/8	5/8	3/4	103	47
LEV0080^H6EMA	1	3/8	5/8	3/4	103	47
LEV0125^H6EMA	2	3/8	5/8	3/4	146	66
LEV0160^H6EMA	2	3/8	5/8	3/4	202	92
LEV0180^H6EMA	3	3/8	5/8	3/4	211	96
LEV0215^H6EMA	3	3/8	5/8	3/4	220	100
LEV0245^H6EMA	4	3/8	5/8	3/4	285	129
LEV0290^H6EMA	4	3/8	5/8	3/4	285	129
LEV0360^H6EMA	5	3/8	5/8	3/4	350	159

Hot Gas Defrost

Model	No. of Fans	Coil Inlet OD	Suction OD	Equalizer OD	Drain MPT	Side Port OD	Approx. Net Weight lb	Approx. Net Weight kg
LEV0080*±6HMA	1	3/8	1 - 3/8	1/4	3/4	0.5	95	43
LEV0125*±6HMA	2	3/8	1 - 3/8	1/4	3/4	0.5	153	69
LEV0160*±6HMA	2	3/8	1 - 3/8	1/4	3/4	0.625	181	82
LEV0180*±6HMA	3	3/8	1 - 3/8	1/4	3/4	0.625	214	97
LEV0215*±6HMA	3	3/8	1 - 3/8	1/4	3/4	0.625	227	103
LEV0245*±6HMA	4	3/8	1 - 3/8	1/4	3/4	0.625	274	124
LEV0290*±6HMA	4	3/8	1 - 3/8	1/4	3/4	0.625	274	124
LEV0360*±6HMA	5	3/8	1 - 3/8	1/4	3/4	0.875	330	150

Notes:

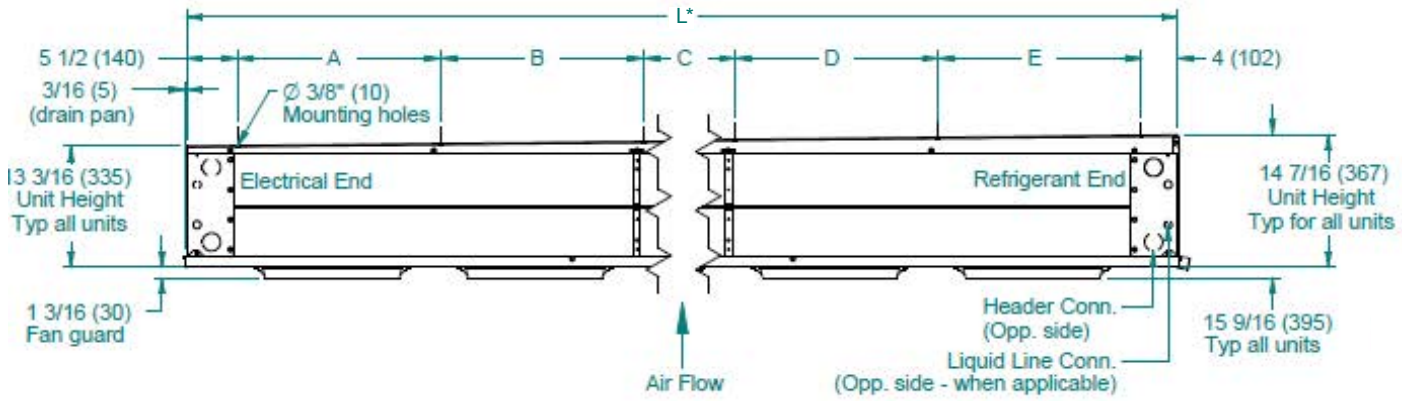
* = Electrical Code Designator (see Nomenclature details)

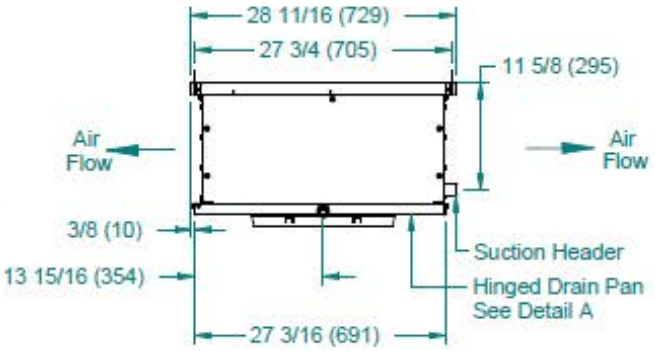
All connections are in "

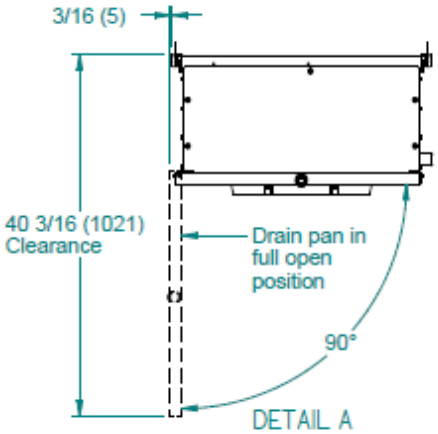
[2] = Connection sizes may vary, if TD is lesser or greater than 10^0F

± = Refrigerant Designator

DIMENSIONAL DRAWINGS







*Unit Cooler with factory mounted intelliGen controller adds 5 7/8“ to the overall length of the unit

DIMENSIONAL DATA

Air Defrost

Model	No. of Fans	L	A	B	C	D	E
		Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)
LEV0055*±6AMA	1	31 1/2 (800)	22 (559)	-	-	-	-
LEV0080*±6AMA	1	31 1/2 (800)	22 (559)	-	-	-	-
LEV0125*±6AMA	2	53 1/2 (1359)	22 (559)	22 (559)	-	-	-
LEV0160*±6AMA	2	53 1/2 (1359)	22 (559)	22 (559)	-	-	-
LEV0180*±6AMA	3	75 1/2 (1918)	22 (559)	22 (559)	22 (559)	-	-
LEV0215*±6AMA	3	75 1/2 (1918)	22 (559)	22 (559)	22 (559)	-	-
LEV0245*±6AMA	4	97 1/2 (2477)	22 (559)	22 (559)	22 (559)	22 (559)	-
LEV0290*±6AMA	4	97 1/2 (2477)	22 (559)	22 (559)	22 (559)	22 (559)	-
LEV0360*±6AMA	5	119 1/2 (3035)	22 (559)	22 (559)	22 (559)	22 (559)	22 (559)

Electric Defrost

Model	No. of Fans	L	A	B	C	D	E
		Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)
LEV0055B±6EMA	1	31 1/2 (800)	22 (559)	-	-	-	-
LEV0080B±6EMA	1	31 1/2 (800)	22 (559)	-	-	-	-
LEV0125B±6EMA	2	53 1/2 (1359)	22 (559)	22 (559)	-	-	-
LEV0160B±6EMA	2	53 1/2 (1359)	22 (559)	22 (559)	-	-	-
LEV0180B±6EMA	3	75 1/2 (1918)	22 (559)	22 (559)	22 (559)	-	-
LEV0215B±6EMA	3	75 1/2 (1918)	22 (559)	22 (559)	22 (559)	-	-
LEV0245B±6EMA	4	97 1/2 (2477)	22 (559)	22 (559)	22 (559)	22 (559)	-
LEV0290B±6EMA	4	97 1/2 (2477)	22 (559)	22 (559)	22 (559)	22 (559)	-
LEV0360B±6EMA	5	119 1/2 (3035)	22 (559)	22 (559)	22 (559)	22 (559)	22 (559)

Hot Gas Defrost

Model	No. of Fans	L	A	B	C	D	E
		Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)
LEV0080*±6HMA	1	31 1/2 (800)	22 (559)	-	-	-	-
LEV0125*±6HMA	2	53 1/2 (1359)	22 (559)	22 (559)	-	-	-
LEV0160*±6HMA	2	53 1/2 (1359)	22 (559)	22 (559)	-	-	-
LEV0180*±6HMA	3	75 1/2 (1918)	22 (559)	22 (559)	-	-	-
LEV0215*±6HMA	3	75 1/2 (1918)	22 (559)	22 (559)	22 (559)	-	-
LEV0245*±6HMA	4	97 1/2 (2477)	22 (559)	22 (559)	22 (559)	22 (559)	-
LEV0290*±6HMA	4	97 1/2 (2477)	22 (559)	22 (559)	22 (559)	22 (559)	-
LEV0360*±6HMA	5	119 1/2 (3035)	22 (559)	22 (559)	22 (559)	22 (559)	22 (559)

Notes:

* = Electrical Code Designator (see Nomenclature details)
± = Refrigerant Designator (see Nomenclature details

DOE Rated AWEF

AWEF DATA

Air Defrost

FPI	Model	Cooler							
		R-404A/ R-507A	R-448A/ R-449A	R-407A/ R-407F	R-407C	CO_2 DX 45/90 Bar	R-454A	R-454C	R-455A
		AWEF	AWEF	AWEF	AWEF	AWEF	AWEF	AWEF	AWEF
6	LEV0055*±6AMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0080*±6AMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0125*±6AMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0160*±6AMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0180*±6AMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0215*±6AMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0245*±6AMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0290*±6AMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0360*±6AMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0

Electric Defrost

FPI	Model	Cooler							
		R-404A/ R-507A	R-448A/ R-449A	R-407A/ R-407F	R-407C	CO_2 DX 45/90 Bar	R-454A	R-454C	R-455A
		AWEF	AWEF	AWEF	AWEF	AWEF	AWEF	AWEF	AWEF
6	LEV0055B±6EMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0080B±6EMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0125B±6EMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0160B±6EMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0180B±6EMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0215B±6EMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0245B±6EMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0290B±6EMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0360B±6EMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0

Notes:

* = Electrical Code Designator (see Nomenclature details)
± = Refrigerant Designator (see Nomenclature details

DOE Rated AWEF

AWEF DATA

Hot Gas Defrost

FPI	Model	Cooler						
		R-404A/ R-507A	R-448A/ R-449A	R-407A/ R-407F	R-407C	R-454A	R-454C	R-455A
		AWEF	AWEF	AWEF	AWEF	AWEF	AWEF	AWEF
6	LEV0080*±6HMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0125*±6HMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0160*±6HMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0180*±6HMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0215*±6HMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0245*±6HMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0290*±6HMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	LEV0360*±6HMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0

Notes:
* = Electrical Code Designator (see Nomenclature details)
± Y/S (see Nomenclature details)

HOT GAS REVERSE CYCLE KITS

(Hot Gas Models Only)

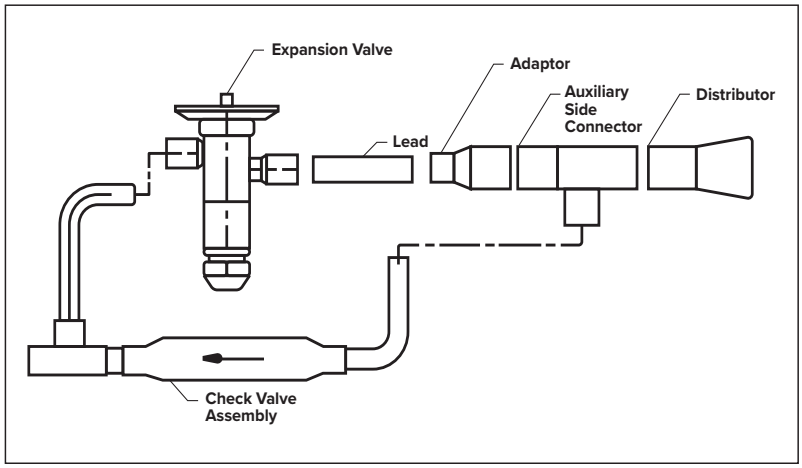
The hot gas defrost Low Velocity Center Mount units may be field piped for hot gas defrost using the optional bypass kit.

When compressor vapor, in reverse cycle defrosting, is directed back into the evaporator at the suction connection, it flows through the defrosting coil, heating the finned surface and melting frost.

As heat is transferred to the coil fins, hot refrigerant gas condenses to a liquid state. The refrigerant then exits the coil at the distributor side port, passes around the expansion valve through the bypass check valve and flows into the liquid refrigerant line.

Kits include one check valve and piping for liquid bypass around expansion valve and instructions for field installation.

	TXV Bypass Kits	
Models Used On	**TXV Type**	**Bypass Kit Assy**
LEV0125	EG, EGSE	50747611
LEV0125	SBF	50747612
LEV0125	SQE	50747613
LEV0125	BBI	50747614
LEV0160 to LEV0290	SBF, SQE	50747511
LEV0160 to LEV0290	BBI	50747512
LEV0160 to LEV0290	EG,EGSE	50747513
LEV0160 to LEV0245	EGSE-1-ZP, EGSE-2-ZP	50747515
LEV0360	SBF, SQE	50747311
LEV0360	BBI	50747312
LEV0360	EG	50747313
LEV0290	EBF	50747411



REPLACEMENT PARTS

Cabinet Components

Part #	Description	No. of Fans
40420101	Drain Pan - Stucco	1
40420201	Drain Pan - Stucco	2
40420301	Drain Pan - Stucco	3
40420401	Drain Pan - Stucco	4
40420501	Drain Pan - Stucco	5
40420102	Drain Pan - White	1
40420202	Drain Pan - White	2
40420302	Drain Pan - White	3
40420402	Drain Pan - White	4
40420502	Drain Pan - White	5

Electrical Components

Part #	Description
22597101	Terminal Board - Air Defrost
22597701	Terminal Board - Electric & Hot Gas Defrost
22521901	2SP RELAY 24V
22532001	2SP RELAY 120V
22505201	2SP RELAY 240V
5521R	Defrost Termination
4267W	Defrost Termination/Fan Delay Thermostat

Motor/Fan Blade/Fan Guards

Part #	Description
25326801S	Motor 115/1/60 - 2 Speed EC
25326901S	Motor 208-230/1/60 - 2 Speed EC
5110E	Fan Blade
23106201	Fan Guard - Plastic
5055F	Fan Guard - Metal
41417501	Motor Mount Plate

Electric Defrost

Part #	Description	No. of Fans
4548B	Coil Heater	1
4549B	Coil Heater	2
4544B	Coil Heater	3
4545B	Coil Heater	4
4546B	Coil Heater	5

REPLACEMENT PARTS

A2L Refrigeration Detection System

Part #	Description
A2L Refrigeration Detection System (RDS) Kit	
89937701	ASSY-A2L RDS FIELD INSTALL, CM/ LVCM

Part #	Description
A2L Mitigation Sensor (Replacement Part)	
28915901S	A2L SENSOR REPLACEMENT PART
A2L Mitigation Controller (Replacement Part)	
28928001S	A2L CONTROL BOARD

Part #	Description
Control Power Transformer	
22529601	TRANSFORMER, 120V-24V 40 VA
22529602	TRANSFORMER, 208/240V-24V 40 VA

Air Defrost

Model No.	Liquid Line Size	Suction Line Size	Safety Shut off Valve* (SSOV) Part #			Check Valve* (CSOV) Part #		
			R-454A	R-454C	R-455A	R-454A	R-454C	R-455A
LEV0055*Y6AMA	3/8	1-3/8	29338301	29338301	29338301	29308802	29308802	29308802
LEV0080*Y6AMA	3/8	1-3/8	29338301	29338301	29338301	29308802	29308802	29308802
LEV0125*Y6AMA	3/8	1-3/8	29338301	29338301	29338401	29308802	29308802	29308802
LEV0160*Y6AMA	3/8	1-3/8	29338401	29338301	29338401	29308802	29308802	29308802
LEV0180*Y6AMA	3/8	1-3/8	29338401	29338401	29338401	29308802	29308802	29308803
LEV0215*Y6AMA	3/8	1-3/8	29338401	29338401	29338401	29308803	29308803	29308803
LEV0245*Y6AMA	3/8	1-3/8	29338401	29338401	29338601	29308803	29308803	29308803
LEV0290*Y6AMA	3/8	1-3/8	29338601	29338601	29338601	29308803	29308803	29308804
LEV0360*Y6AMA	3/8	1-3/8	29338601	29338601	29338601	29308804	29308804	29308804

Electric Defrost

Model No.	Liquid Line Size	Suction Line Size	Safety Shut off Valve* (SSOV) Part #			Check Valve* (CSOV) Part #		
			R-454A	R-454C	R-455A	R-454A	R-454C	R-455A
LEV0055BY6EMA	3/8	1-3/8	29338301	29338301	29338301	29308802	29308802	29308802
LEV0080BY6EMA	3/8	1-3/8	29338301	29338301	29338301	29308802	29308802	29308802
LEV0125BY6EMA	3/8	1-3/8	29338301	29338301	29338401	29308802	29308802	29308802
LEV0160BY6EMA	3/8	1-3/8	29338401	29338301	29338401	29308802	29308802	29308802
LEV0180BY6EMA	3/8	1-3/8	29338401	29338401	29338401	29308802	29308802	29308803
LEV0215BY6EMA	3/8	1-3/8	29338401	29338401	29338401	29308803	29308803	29308803
LEV0245BY6EMA	3/8	1-3/8	29338401	29338401	29338601	29308803	29308803	29308803
LEV0290BY6EMA	3/8	1-3/8	29338601	29338601	29338601	29308803	29308803	29308804
LEV0360BY6EMA	3/8	1-3/8	29338601	29338601	29338601	29308804	29308804	29308804

Hot Gas Defrost

Model No.	Liquid Line Size	Suction Line Size	Safety Shut off Valve* (SSOV) Part #			Check Valve* (CSOV) Part #		
			R-454A	R-454C	R-455A	R-454A	R-454C	R-455A
LEV0080*Y6HMA	3/8	1-3/8	29338301	29338301	29338301	29308802	29308802	29308802
LEV0125*Y6HMA	3/8	1-3/8	29338301	29338301	29338401	29308802	29308802	29308802
LEV0160*Y6HMA	3/8	1-3/8	29338401	29338301	29338401	29308802	29308802	29308802
LEV0180*Y6HMA	3/8	1-3/8	29338401	29338401	29338401	29308802	29308802	29308803
LEV0215*Y6HMA	3/8	1-3/8	29338401	29338401	29338401	29308803	29308803	29308803
LEV0245*Y6HMA	3/8	1-3/8	29338401	29338401	29338601	29308803	29308803	29308803
LEV0290*Y6HMA	3/8	1-3/8	29338601	29338601	29338601	29308803	29308803	29308804
LEV0360*Y6HMA	3/8	1-3/8	29338601	29338601	29338601	29308804	29308804	29308804

* = Applicable for 1 unit cooler, 1 condensing unit system only

STANDARD NOZZLE SELECTION

Air Defrost

Medium Temperature (25°F SST)											
Model	No. of Fans	Distributor Tube (in.)		No. of Circuits	Nozzle Selections						
		OD	Length		R-404A/ R-507A	R-448A/ R-449A	R-407A/ R-407F	R-407C	R-454A	R-454C	R-455A
LEV0055*±6AMA	1	3/16	24	4	L - 1/3	L - 1/2	L - 1/3	L - 1/3	L - 1/3	L - 1/3	L - 1/2
LEV0080*±6AMA	1	3/16	24	4	L - 1/2	L - 3/4	L - 1/2	L - 1/2	L - 1/2	L - 1/2	L - 3/4
LEV0125*±6AMA	2	3/16	24	6	L - 3/4	L - 1	L - 3/4	L - 3/4	L - 3/4	L - 3/4	L - 1
LEV0160*±6AMA	2	3/16	24	12	E - 1	E - 1 1/2	E - 3/4	E - 3/4	E - 1	E - 3/4	E - 1
LEV0180*±6AMA	3	3/16	24	10	E - 1	E - 1 1/2	E - 1	E - 1	E - 1	E - 1	E - 1 1/2
LEV0215*±6AMA	3	3/16	24	12	E - 1 1/2	E - 2	E - 1 1/2	E - 1 1/2	E - 1 1/2	E - 1 1/2	E - 1 1/2
LEV0245*±6AMA	4	3/16	24	10	E - 1 1/2	E - 2	E - 1 1/2	E - 1 1/2	E - 1 1/2	E - 1 1/2	E - 2
LEV0290*±6AMA	4	3/16	24	12	E - 2	E - 2 1/2	E - 2	E - 2	E - 2	E - 2	E - 2 1/2
LEV0360*±6AMA	5	3/16	24	20	C - 2 1/2	C - 3	C - 2 1/2	C - 2 1/2	C - 2 1/2	C - 2 1/2	C - 3

Electric Defrost

Medium Temperature (25°F SST)											
Model	No. of Fans	Distributor Tube (in.)		No. of Circuits	Nozzle Selections						
		OD	Length		R-404A/ R-507A	R-448A/ R-449A	R-407A/ R-407F	R-407C	R-454A	R-454C	R-455A
LEV0055B±6EMA	1	3/16	24	4	L - 1/3	L - 1/2	L - 1/3	L - 1/3	L - 1/3	L - 1/3	L - 1/2
LEV0080B±6EMA	1	3/16	24	4	L - 1/2	L - 3/4	L - 1/2	L - 1/2	L - 1/2	L - 1/2	L - 3/4
LEV0125B±6EMA	2	3/16	24	6	L - 3/4	L - 1	L - 3/4	L - 3/4	L - 3/4	L - 3/4	L - 1
LEV0160B±6EMA	2	3/16	24	12	E - 1	E - 1 1/2	E - 3/4	E - 3/4	E - 1	E - 3/4	E - 1
LEV0180B±6EMA	3	3/16	24	10	E - 1	E - 1 1/2	E - 1	E - 1	E - 1	E - 1	E - 1 1/2
LEV0215B±6EMA	3	3/16	24	12	E - 1 1/2	E - 2	E - 1 1/2	E - 1 1/2	E - 1 1/2	E - 1 1/2	E - 1 1/2
LEV0245B±6EMA	4	3/16	24	10	E - 1 1/2	E - 2	E - 1 1/2	E - 1 1/2	E - 1 1/2	E - 1 1/2	E - 2
LEV0290B±6EMA	4	3/16	24	12	E - 2	E - 2 1/2	E - 2	E - 2	E - 2	E - 2	E - 2 1/2
LEV0360B±6EMA	5	3/16	24	20	C - 2 1/2	C - 3	C - 2 1/2	C - 2 1/2	C - 2 1/2	C - 2 1/2	C - 3

Hot Gas Defrost

Medium Temperature (25°F SST)											
Model	No. of Fans	Distributor Tube (in.)		No. of Circuits	Nozzle Selections						
		OD	Length		R-404A/ R-507A	R-448A/ R-449A	R-407A/ R-407F	R-407C	R-454A	R-454C	R-455A
LEV0080*±6HMA	1	3/16	24	4	L - 1/2	L - 3/4	L - 1/2	L - 1/2	L - 1/2	L - 3/4	L - 1/2
LEV0125*±6HMA	1	3/16	24	4	L - 3/4	L - 1	L - 3/4	L - 3/4	L - 3/4	L - 3/4	L - 3/4
LEV0160*±6HMA	2	3/16	24	6	E - 1	E - 1 1/2	E - 3/4	E - 3/4	E - 1	E - 1	E - 1
LEV0180*±6HMA	2	3/16	24	12	E - 1	E - 1 1/2	E - 1	E - 1	E - 1	E - 1 1/2	E - 1 1/2
LEV0215*±6HMA	3	3/16	24	10	E - 1 1/2	E - 2	E - 1 1/2	E - 1 1/2	E - 1 1/2	E - 1 1/2	E - 1 1/2
LEV0245*±6HMA	3	3/16	24	12	E - 1 1/2	E - 2	E - 1 1/2	E - 1 1/2	E - 1 1/2	E - 2	E - 1 1/2
LEV0290*±6HMA	4	3/16	24	10	E - 2	E - 2 1/2	E - 2	E - 2	E - 2	E - 2	E - 2
LEV0360*±6HMA	4	3/16	24	12	C - 2 1/2	C - 3	C - 2 1/2	C - 2 1/2	C - 2 1/2	C - 3	C - 2 1/2

Notes:

* = Electrical Code Designator (see Nomenclature details)

± Y/S (see Nomenclature details)

STANDARD NOZZLE SELECTION

Air Defrost

Medium Temperature (25°F SST)					
Model	No. of Fans	Distributor Tube (in.)		No. of Circuits	Nozzle Selections
		OD	Length		CO_2 90 Bar
LEV0055^H6AMA	1	3/16	24	2	L-1/6
LEV0080^H6AMA	1	3/16	24	2	L-1/4
LEV0125^H6AMA	2	3/16	24	2	L-1/3
LEV0160^H6AMA	2	3/16	24	6	L-1/3
LEV0180^H6AMA	3	3/16	24	2	L-1/2
LEV0215^H6AMA	3	3/16	24	6	L-3/4
LEV0245^H6AMA	4	3/16	24	6	L-3/4
LEV0290^H6AMA	4	3/16	24	4	L-1
LEV0360^H6AMA	5	3/16	24	4	L-1

Electric Defrost

Medium Temperature (25°F SST)					
Model	No. of Fans	Distributor Tube (in.)		No. of Circuits	Nozzle Selections
		OD	Length		CO_2 90 Bar
LEV0055BH6EMA	1	3/16	24	2	L-1/6
LEV0080BH6EMA	1	3/16	24	2	L-1/4
LEV0125BH6EMA	2	3/16	24	2	L-1/3
LEV0160BH6EMA	2	3/16	24	6	L-1/3
LEV0180BH6EMA	3	3/16	24	2	L-1/2
LEV0215BH6EMA	3	3/16	24	6	L-3/4
LEV0245BH6EMA	4	3/16	24	6	L-3/4
LEV0290BH6EMA	4	3/16	24	4	L-1
LEV0360BH6EMA	5	3/16	24	4	L-1

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Since product improvement is a continuing effort, we reserve the right to make changes in specifications without notice.

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