

LOW VELOCITY CENTER MOUNT EVAPORATOR

Technical Guide
Including A2L 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
- Heavy-gauge grained 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.

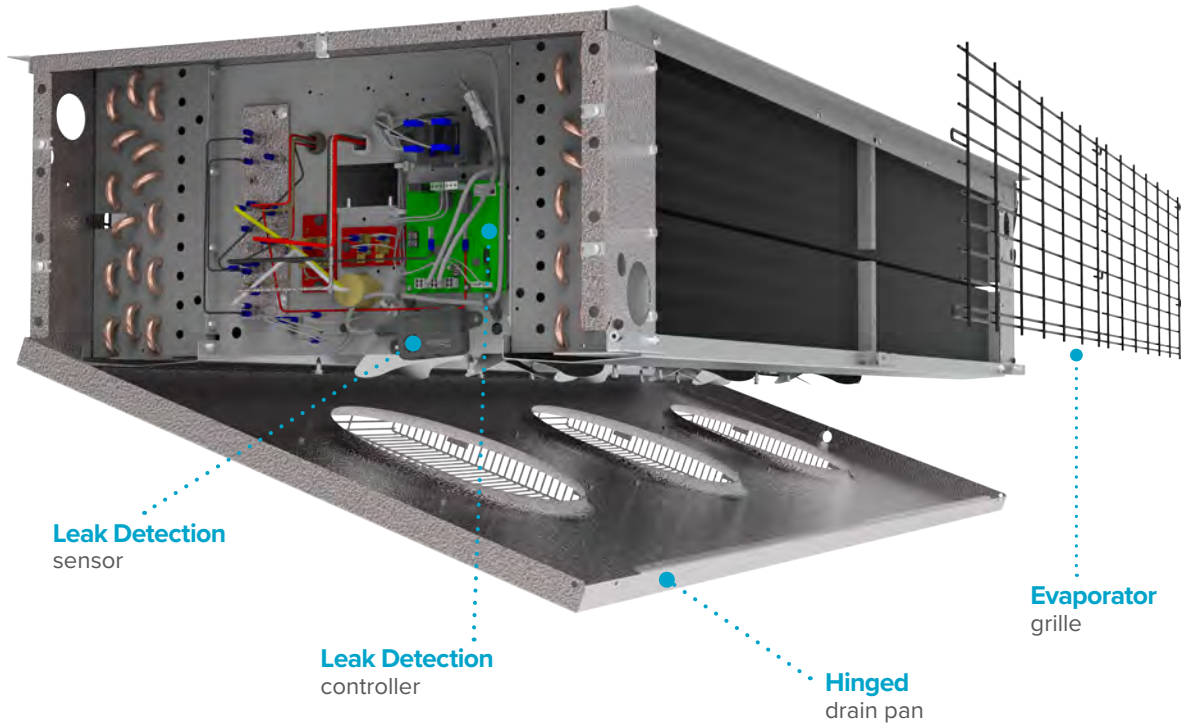
OTHER OPTIONS

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

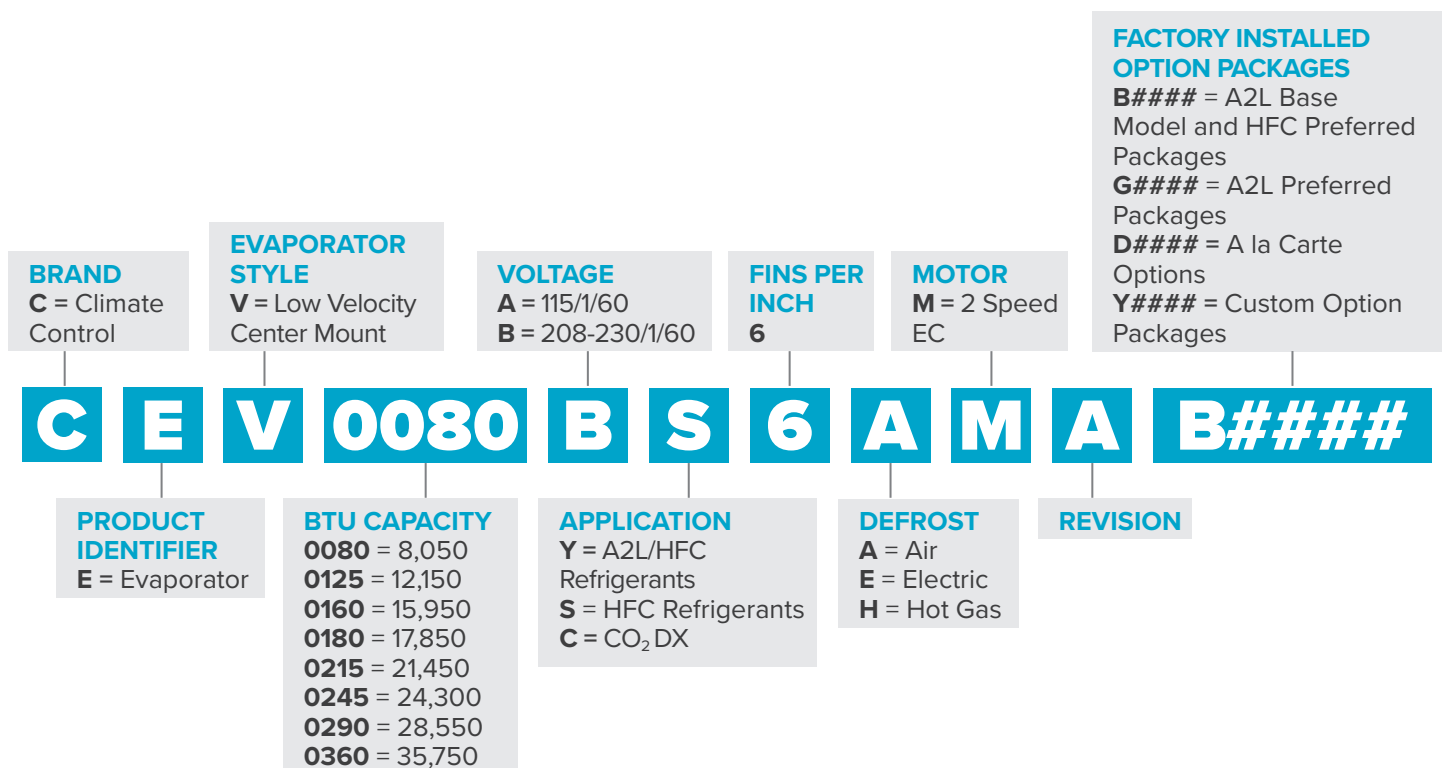
A2L FEATURES AND OPTIONS

- 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
- Piping protection guards for refrigerant line connections
- Red tags on service valves and connection points as indicators for A2L refrigerants
- A2L labels to meet regulatory requirement

OUTSTANDING FEATURES



NOMENCLATURE



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

(CO₂ DX)

Package	Description (standard base model features + indicated options below)
B0500 Standard Base	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 (120V) 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 (120V) 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

New Model	R454A			R454C			Fan Data		
	Application Capacity¹			Application Capacity¹					
	10°F TD/25°F SST	6°C TD/-4°C SST	Room Area Minimum	10°F TD/25°F SST	6°C TD/-4°C SST	Room Area Minimum	No. of Fans	CFM	m³H
BTUH	Watts	Sq. Ft.	BTUH	Watts	Sq. Ft.				
CEV0055*Y6AMA	5,600	1,641	85	4,600	1,348	82	1	725	1,232
CEV0080*Y6AMA	8,500	2,461	85	7,000	2,461	82	1	725	1,232
CEV0125*Y6AMA	11,700	3,399	99	9,600	3,399	95	2	1,450	2,464
CEV0160*Y6AMA	14,400	4,190	130	11,900	4,190	124	2	1,450	2,464
CEV0180*Y6AMA	17,500	5,128	136	14,400	4,219	130	3	2,175	3,695
CEV0215*Y6AMA	21,100	6,182	157	17,300	5,069	151	3	2,175	3,695
CEV0245*Y6AMA	24,200	7,091	156	19,900	5,831	150	4	2,900	4,927
CEV0290*Y6AMA	32,200	9,435	185	26,400	7,735	177	4	2,900	4,927
CEV0360*Y6AMA	40,500	11,867	213	33,300	9,757	204	5	3,625	6,159

New Model	R455A			Fan Data		
	Application Capacity¹					
	10°F TD/25°F SST	6°C TD/-4°C SST	Room Area Minimum	No. of Fans	CFM	m³H
CEV0055*Y6AMA	5,900	1,729	55	1	725	1,232
CEV0080*Y6AMA	9,100	2,667	55	1	725	1,232
CEV0125*Y6AMA	12,500	3,663	64	2	1,450	2,464
CEV0160*Y6AMA	15,400	4,513	84	2	1,450	2,464
CEV0180*Y6AMA	18,700	5,480	88	3	2,175	3,695
CEV0215*Y6AMA	22,600	6,623	102	3	2,175	3,695
CEV0245*Y6AMA	25,900	7,591	101	4	2,900	4,927
CEV0290*Y6AMA	34,400	10,082	120	4	2,900	4,927
CEV0360*Y6AMA	43,300	12,690	138	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

† = For 1-speed and 2-speed EC motors, use 60 Hz capacity and airflow values. (units with EC motors operating at 50 Hz will not see a reduction in performance due to the electronic control of the motor)

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				
		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	Fan Data	
New Model	BTUH		Watts	BTUH	Watts	No. of Fans	CFM	m³H
CEV0055*±6AMA	CWA050	5,000	1,465	5,500	1,612	1	725	1,232
CEV0080*±6AMA	CWA075	7,500	2,198	8,400	2,461	1	725	1,232
CEV0125*±6AMA	CWA100	10,000	2,930	11,600	3,399	2	1,450	2,464
CEV0160*±6AMA	CWA130	13,000	3,809	14,300	4,190	2	1,450	2,464
CEV0180*±6AMA	CWA155‡	15,500	4,542	17,360	5,086	3	2,175	3,695
CEV0215*±6AMA	CWA180	18,000	5,274	20,880	6,118	3	2,175	3,695
CEV0245*±6AMA	CWA210	21,000	6,153	23,940	7,014	4	2,900	4,927
CEV0290*±6AMA	CWA270	27,000	7,911	31,860	9,335	4	2,900	4,927
CEV0360*±6AMA	CWA340	34,000	9,962	40,120	11,755	5	3,625	6,159

		R-407A/R-407F		R-407C				
		Application Capacity¹		Application Capacity¹				
		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	Fan Data	
New Model	BTUH		Watts	BTUH	Watts	No. of Fans	CFM	m³H
CEV0055*±6AMA	CWA050	5,500	1,612	5,500	1,612	1	725	1,232
CEV0080*±6AMA	CWA075	8,400	2,461	8,400	2,461	1	725	1,232
CEV0125*±6AMA	CWA100	11,600	3,399	11,600	3,399	2	1,450	2,464
CEV0160*±6AMA	CWA130	14,300	4,190	14,300	4,190	2	1,450	2,464
CEV0180*±6AMA	CWA155‡	17,360	5,086	17,360	5,086	3	2,175	3,695
CEV0215*±6AMA	CWA180	20,880	6,118	20,880	6,118	3	2,175	3,695
CEV0245*±6AMA	CWA210	23,940	7,014	23,940	7,014	4	2,900	4,927
CEV0290*±6AMA	CWA270	31,860	9,335	31,860	9,335	4	2,900	4,927
CEV0360*±6AMA	CWA340	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				
		Application Capacity ¹				
New Model	Legacy Model	10°F TD/25°F SST	6°C TD/4°C SST	Fan Data		
		BTUH	Watts	No. of Fans	CFM	m³H
CEV0055*C6A^A	N/A	5,500	1,612	1	725	1,232
CEV0080*C6A^A	N/A	8,400	2,462	1	725	1,232
CEV0125*C6A^A	N/A	11,600	3,400	2	1,450	2,464
CEV0160*C6A^A	N/A	14,300	4,191	2	1,450	2,464
CEV0180*C6A^A	N/A	17,360	5,088	3	2,175	3,695
CEV0215*C6A^A	N/A	20,880	6,119	3	2,175	3,695
CEV0245*C6A^A	N/A	23,940	7,016	4	2,900	4,927
CEV0290*C6A^A	N/A	31,860	9,337	4	2,900	4,927
CEV0360*C6A^A	N/A	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

* = 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

± = 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
CEV0055*±6AMA	1/20	0.8	55	1.1	20	0.4	55	0.6	15
CEV0080*±6AMA	1/20	0.8	55	1.1	20	0.4	55	0.6	15
CEV0125*±6AMA	1/20	1.7	110	2.0	20	0.8	110	1.1	15
CEV0160*±6AMA	1/20	1.7	110	2.0	20	0.8	110	1.1	15
CEV0180*±6AMA	1/20	2.5	165	2.9	20	1.3	165	1.6	15
CEV0215*±6AMA	1/20	2.5	165	2.9	20	1.3	165	1.6	15
CEV0245*±6AMA	1/20	3.4	220	3.8	20	1.7	220	2.1	15
CEV0290*±6AMA	1/20	3.4	220	3.8	20	1.7	220	2.1	15
CEV0360*±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			Fan Data		
	Application Capacity¹			Application Capacity¹					
	10°F TD/25°F SST	6°C TD/-4°C SST	Room Area Minimum	10°F TD/25°F SST	6°C TD/-4°C SST	Room Area Minimum			
New Model	BTUH	Watts	Sq. Ft.	BTUH	Watts	Sq. Ft.	No. of Fans	CFM	m³H
CEV0055BY6EMA	5,600	1,641	85	4,600	1,348	82	1	725	1,232
CEV0080BY6EMA	8,500	2,461	85	7,000	2,461	82	1	725	1,232
CEV0125BY6EMA	11,700	3,399	99	9,600	3,399	95	2	1,450	2,464
CEV0160BY6EMA	14,400	4,190	130	11,900	4,190	124	2	1,450	2,464
CEV0180BY6EMA	17,500	5,128	136	14,400	4,219	130	3	2,175	3,695
CEV0215BY6EMA	21,100	6,182	157	17,300	5,069	151	3	2,175	3,695
CEV0245BY6EMA	24,200	7,091	156	19,900	5,831	150	4	2,900	4,927
CEV0290BY6EMA	32,200	9,435	185	26,400	7,735	177	4	2,900	4,927
CEV0360BY6EMA	40,500	11,867	213	33,300	9,757	204	5	3,625	6,159

	R455A					
	Application Capacity¹					
	10°F TD/25°F SST	6°C TD/-4°C SST	Room Area Minimum	Fan Data		
New Model	BTUH	Watts	Sq. Ft.	No. of Fans	CFM	m³H
CEV0055BY6EMA	5,900	1,729	55	1	725	1,232
CEV0080BY6EMA	9,100	2,667	55	1	725	1,232
CEV0125BY6EMA	12,500	3,663	64	2	1,450	2,464
CEV0160BY6EMA	15,400	4,513	84	2	1,450	2,464
CEV0180BY6EMA	18,700	5,480	88	3	2,175	3,695
CEV0215BY6EMA	22,600	6,623	102	3	2,175	3,695
CEV0245BY6EMA	25,900	7,591	101	4	2,900	4,927
CEV0290BY6EMA	34,400	10,082	120	4	2,900	4,927
CEV0360BY6EMA	43,300	12,690	138	5	3,625	6,159

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				
		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	Fan Data
BTUH	Watts			BTUH	Watts	No. of Fans	CFM	m³H
CEV0055B±6EMA	CWEE050	5,000	1,465	5,500	1,612	1	725	1,232
CEV0080B±6EMA	CWEE075	7,500	2,198	8,400	2,461	1	725	1,232
CEV0125B±6EMA	CWEE100	10,000	2,930	11,600	3,399	2	1,450	2,464
CEV0160B±6EMA	CWEE130	13,000	3,809	14,300	4,190	2	1,450	2,464
CEV0180B±6EMA	CWEE155‡	15,500	4,542	17,360	5,086	3	2,175	3,695
CEV0215B±6EMA	CWEE180	18,000	5,274	20,880	6,118	3	2,175	3,695
CEV0245B±6EMA	CWEE210	21,000	6,153	23,940	7,014	4	2,900	4,927
CEV0290B±6EMA	CWEE270	27,000	7,911	31,860	9,335	4	2,900	4,927
CEV0360B±6EMA	CWEE340	34,000	9,962	40,120	11,755	5	3,625	6,159

		R-407A/R-407F		R-407C				
		Application Capacity¹		Application Capacity¹				
		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	Fan Data	
New Model	BTUH		Watts	BTUH	Watts	No. of Fans	CFM	m³H
CEV0055B±6EMA	CWEE050	5,500	1,612	5,500	1,612	1	725	1,232
CEV0080B±6EMA	CWEE075	8,400	2,461	8,400	2,461	1	725	1,232
CEV0125B±6EMA	CWEE100	11,600	3,399	11,600	3,399	2	1,450	2,464
CEV0160B±6EMA	CWEE130	14,300	4,190	14,300	4,190	2	1,450	2,464
CEV0180B±6EMA	CWEE155‡	17,360	5,086	17,360	5,086	3	2,175	3,695
CEV0215B±6EMA	CWEE180	20,880	6,118	20,880	6,118	3	2,175	3,695
CEV0245B±6EMA	CWEE210	23,940	7,014	23,940	7,014	4	2,900	4,927
CEV0290B±6EMA	CWEE270	31,860	9,335	31,860	9,335	4	2,900	4,927
CEV0360B±6EMA	CWEE340	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				
		Application Capacity¹				
New Model	Legacy Model	10°F TD/25°F SST	6°C TD/4°C SST	Fan Data		
		BTUH	Watts	No. of Fans	CFM	m³H
CEV0055°C6E^A	N/A	5,500	1,612	1	725	1,232
CEV0080°C6E^A	N/A	8,400	2,462	1	725	1,232
CEV0125°C6E^A	N/A	11,600	3,400	2	1,450	2,464
CEV0160°C6E^A	N/A	14,300	4,191	2	1,450	2,464
CEV0180°C6E^A	N/A	17,360	5,088	3	2,175	3,695
CEV0215°C6E^A	N/A	20,880	6,119	3	2,175	3,695
CEV0245°C6E^A	N/A	23,940	7,016	4	2,900	4,927
CEV0290°C6E^A	N/A	31,860	9,337	4	2,900	4,927
CEV0360°C6E^A	N/A	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

* = 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

± = 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
CEV0055B±6EMA	1/20	0.4	55	0.6	15	1,600	7.0
CEV0080B±6EMA	1/20	0.4	55	0.6	15	1,600	7.0
CEV0125B±6EMA	1/20	0.8	55	1.1	15	2,800	12.2
CEV0160B±6EMA	1/20	0.8	110	1.1	15	2,800	12.2
CEV0180B±6EMA	1/20	1.3	110	1.1	15	4,000	17.0
CEV0215B±6EMA	1/20	1.3	165	1.6	15	4,000	17.4
CEV0245B±6EMA	1/20	1.7	165	2.1	15	5,200	22.6
CEV0290B±6EMA	1/20	1.7	220	2.1	15	5,200	22.6
CEV0360B±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 Capacity¹			Application Capacity¹					
	10°F TD/25°F SST	6°C TD/-4°C SST	Room Area Minimum	10°F TD/25°F SST	6°C TD/-4°C SST	Room Area Minimum	Fan Data		
New Model	BTUH	Watts	Sq. Ft.	BTUH	Watts	Sq. Ft.	No. of Fans	CFM	m³H
CEV0080*Y7HMA	8,500	2,491	85	7,000	2,051	82	1	725	1,232
CEV0125*Y7HMA	11,700	2,461	99	9,600	2,461	95	1	725	1,232
CEV0160*Y7HMA	14,400	3,399	130	11,900	3,399	124	2	1,450	2,464
CEV0180*Y7HMA	17,500	4,190	136	14,400	4,190	130	2	1,450	2,464
CEV0215*Y7HMA	21,100	6,182	157	17,300	5,069	151	3	2,175	3,695
CEV0245*Y7HMA	24,200	7,091	156	19,900	5,831	150	3	2,175	3,695
CEV0290*Y7HMA	32,200	9,435	185	26,400	7,735	177	4	2,900	4,927
CEV0360*Y7HMA	40,500	11,867	213	33,300	9,757	204	4	2,900	4,927

	R455A					
	Application Capacity¹					
	10°F TD/25°F SST	6°C TD/-4°C SST	Room Area Minimum	Fan Data		
New Model	BTUH	Watts	Sq. Ft.	No. of Fans	CFM	m³H
CEV0080*Y7HMA	9,100	2,667	55	1	725	1,232
CEV0125*Y7HMA	12,500	3,663	64	1	725	1,232
CEV0160*Y7HMA	15,400	4,513	84	2	1,450	2,464
CEV0180*Y7HMA	18,700	5,480	88	2	1,450	2,464
CEV0215*Y7HMA	22,600	6,623	102	3	2,175	3,695
CEV0245*Y7HMA	25,900	7,591	101	3	2,175	3,695
CEV0290*Y7HMA	34,400	10,082	120	4	2,900	4,927
CEV0360*Y7HMA	43,300	12,690	138	4	2,900	4,927

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 Capacity¹		Application Capacity¹				
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	Fan Data		
		BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m³H
CEV0080*±6HMA	NA	7,500	2,198	8,400	2,461	1	725	1,232
CEV0125*±6HMA	CWG100	10,000	2,930	11,600	3,399	2	1,450	2,464
CEV0160*±6HMA	CWG130	13,000	3,809	14,300	4,190	2	1,450	2,464
CEV0180*±6HMA	CWG155‡	15,500	4,542	17,360	5,086	3	2,175	3,695
CEV0215*±6HMA	CWG180	18,000	5,274	20,880	6,118	3	2,175	3,695
CEV0245*±6HMA	CWG210	21,000	6,153	23,940	7,014	4	2,900	4,927
CEV0290*±6HMA	CWG270	27,000	7,911	31,860	9,335	4	2,900	4,927
CEV0360*±6HMA	CWG340	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				
		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	Fan Data	
New Model	BTUH		Watts	BTUH	Watts	No. of Fans	CFM	m³H
CEV0080*±6HMA	NA	8,400	2,461	8,400	2,461	1	725	1,232
CEV0125*±6HMA	CWG100	11,600	3,399	11,600	3,399	2	1,450	2,464
CEV0160*±6HMA	CWG130	14,300	4,190	14,300	4,190	2	1,450	2,464
CEV0180*±6HMA	CWG155‡	17,360	5,086	17,360	5,086	3	2,175	3,695
CEV0215*±6HMA	CWG180	20,880	6,118	20,880	6,118	3	2,175	3,695
CEV0245*±6HMA	CWG210	23,940	7,014	23,940	7,014	4	2,900	4,927
CEV0290*±6HMA	CWG270	31,860	9,335	31,860	9,335	4	2,900	4,927
CEV0360*±6HMA	CWG340	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

New Model	HP	2-Speed EC Motor				Drain Pan Heaters	
		115/1/60				Watts	115/1/60
		Amps	Watts	MCA	MOPD		Total Amps
CEV0080*±6HMA	1/20	0.8	55	1.1	20	200	1.7
CEV0125*±6HMA	1/20	1.7	110	2.0	20	350	3
CEV0160*±6HMA	1/20	1.7	110	2.0	20	350	3
CEV0180*±6HMA	1/20	2.5	165	2.9	20	500	4.3
CEV0215*±6HMA	1/20	2.5	165	2.9	20	500	4.3
CEV0245*±6HMA	1/20	3.4	220	3.8	20	650	5.7
CEV0290*±6HMA	1/20	3.4	220	3.8	20	650	5.7
CEV0360*±6HMA	1/20	4.2	275	4.7	20	875	7.6

New Model	HP	2-Speed EC Motor				Drain Pan Heaters	
		208-230/1/60				Watts	208-230/1/60
		Amps	Watts	MCA	MOPD		Total Amps
CEV0080*±6HMA	1/20	0.4	55	0.6	15	200	0.9
CEV0125*±6HMA	1/20	0.8	110	1.1	15	350	1.5
CEV0160*±6HMA	1/20	0.8	110	1.1	15	350	1.5
CEV0180*±6HMA	1/20	1.3	165	1.6	15	500	2.2
CEV0215*±6HMA	1/20	1.3	165	1.6	15	500	2.2
CEV0245*±6HMA	1/20	1.7	220	2.1	15	650	2.8
CEV0290*±6HMA	1/20	1.7	220	2.1	15	650	2.8
CEV0360*±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
CEV0055*±6AMA	1	3/8	1 - 3/8	1/4	3/4	95	43
CEV0080*±6AMA	1	3/8	1 - 3/8	1/4	3/4	95	43
CEV0125*±6AMA	2	3/8	1 - 3/8	1/4	3/4	153	69
CEV0160*±6AMA	2	3/8	1 - 3/8	1/4	3/4	181	82
CEV0180*±6AMA	3	3/8	1 - 3/8	1/4	3/4	214	97
CEV0215*±6AMA	3	3/8	1 - 3/8	1/4	3/4	227	103
CEV0245*±6AMA	4	3/8	1 - 3/8	1/4	3/4	274	124
CEV0290*±6AMA	4	3/8	1 - 3/8	1/4	3/4	274	124
CEV0360*±6AMA	5	3/8	1 - 3/8	1/4	3/4	330	150

Air Defrost (CO₂ DX)

Model	No. of Fans	Coil Inlet ²	Suction OD ²	Drain MPT	Approx. Net Weight	
					lb	kg
CEV0055*C6A^A	1	3/8	3/8	3/4	84	38
CEV0080*C6A^A	1	3/8	3/8	3/4	84	38
CEV0125*C6A^A	2	3/8	3/8	3/4	117	53
CEV0160*C6A^A	2	3/8	3/8	3/4	164	74
CEV0180*C6A^A	3	3/8	3/8	3/4	179	81
CEV0215*C6A^A	3	3/8	3/8	3/4	192	87
CEV0245*C6A^A	4	3/8	1/2	3/4	232	105
CEV0290*C6A^A	4	3/8	1/2	3/4	240	109
CEV0360*C6A^A	5	1/2	1/2	3/4	291	132

Notes:

* = Electrical Code Designator (see Nomenclature details)

All connections are in "

² = Connection sizes may vary, if TD is lesser or greater than 10°F

± = Refrigerant Designator

PHYSICAL DATA

Electric Defrost

Model	No. of Fans	Coil Inlet OD	Suction OD	Equalizer OD	Drain MPT	Approx. Net Weight	
						lb	kg
CEV0055B±6EMA	1	3/8	1 - 3/8	1/4	3/4	95	43
CEV0080B±6EMA	1	3/8	1 - 3/8	1/4	3/4	95	43
CEV0125B±6EMA	2	3/8	1 - 3/8	1/4	3/4	129	59
CEV0160B±6EMA	2	3/8	1 - 3/8	1/4	3/4	185	84
CEV0180B±6EMA	3	3/8	1 - 3/8	1/4	3/4	185	84
CEV0215B±6EMA	3	3/8	1 - 3/8	1/4	3/4	194	88
CEV0245B±6EMA	4	3/8	1 - 3/8	1/4	3/4	250	113
CEV0290B±6EMA	4	3/8	1 - 3/8	1/4	3/4	250	113
CEV0360B±6EMA	5	3/8	1 - 3/8	1/4	3/4	306	139

Electric Defrost (CO₂ DX)

Model	No. of Fans	Coil Inlet ²	Suction ²	Drain MPT	Approx. Net Weight	
					lb	kg
CEV0055*C6E^A	1	3/8	3/8	3/4	90	41
CEV0080*C6E^A	1	3/8	3/8	3/4	90	41
CEV0125*C6E^A	2	3/8	3/8	3/4	124	56
CEV0160*C6E^A	2	3/8	3/8	3/4	180	82
CEV0180*C6E^A	3	3/8	3/8	3/4	185	84
CEV0215*C6E^A	3	3/8	3/8	3/4	189	86
CEV0245*C6E^A	4	3/8	1/2	3/4	244	111
CEV0290*C6E^A	4	3/8	1/2	3/4	250	113
CEV0360*C6E^A	5	1/2	1/2	3/4	300	136

Hot Gas Defrost

Model	No. of Fans	Coil Inlet OD	Suction OD	Equalizer OD	Drain MPT	Side Port OD	Approx. Net Weight	
							lb	kg
CEV0080*±6HMA	1	3/8	1 - 3/8	1/4	3/4	0.5	95	43
CEV0125*±6HMA	2	3/8	1 - 3/8	1/4	3/4	0.5	153	69
CEV0160*±6HMA	2	3/8	1 - 3/8	1/4	3/4	0.625	181	82
CEV0180*±6HMA	3	3/8	1 - 3/8	1/4	3/4	0.625	214	97
CEV0215*±6HMA	3	3/8	1 - 3/8	1/4	3/4	0.625	227	103
CEV0245*±6HMA	4	3/8	1 - 3/8	1/4	3/4	0.625	274	124
CEV0290*±6HMA	4	3/8	1 - 3/8	1/4	3/4	0.625	274	124
CEV0360*±6HMA	5	3/8	1 - 3/8	1/4	3/4	0.875	330	150

Notes:

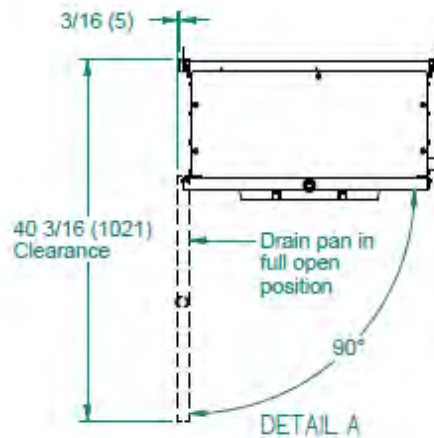
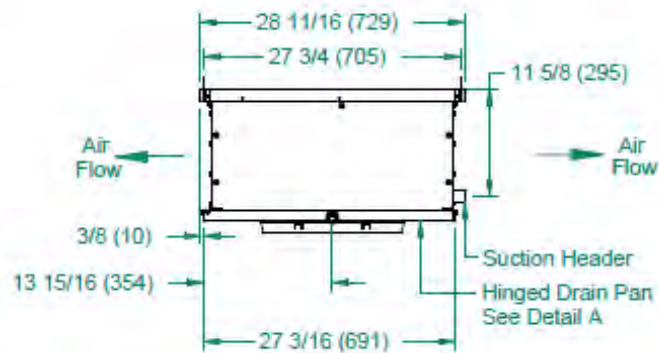
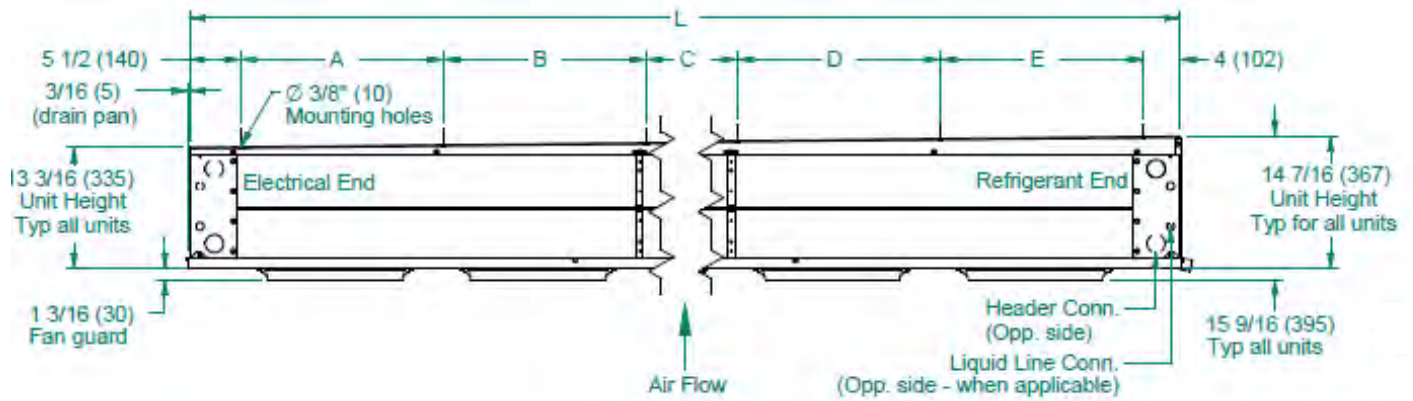
* = Electrical Code Designator (see Nomenclature details)

All connections are in "

² = Connection sizes may vary, if TD is lesser or greater than 10°F

± = Refrigerant Designator

DIMENSIONAL DRAWINGS



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)
CEV0055*±6AMA	1	31 1/2 (800)	22 (559)	-	-	-	-
CEV0080*±6AMA	1	31 1/2 (800)	22 (559)	-	-	-	-
CEV0125*±6AMA	2	53 1/2 (1359)	22 (559)	22 (559)	-	-	-
CEV0160*±6AMA	2	53 1/2 (1359)	22 (559)	22 (559)	-	-	-
CEV0180*±6AMA	3	75 1/2 (1918)	22 (559)	22 (559)	22 (559)	-	-
CEV0215*±6AMA	3	75 1/2 (1918)	22 (559)	22 (559)	22 (559)	-	-
CEV0245*±6AMA	4	97 1/2 (2477)	22 (559)	22 (559)	22 (559)	22 (559)	-
CEV0290*±6AMA	4	97 1/2 (2477)	22 (559)	22 (559)	22 (559)	22 (559)	-
CEV0360*±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)
CEV0055B±6EMA	1	31 1/2 (800)	22 (559)	-	-	-	-
CEV0080B±6EMA	1	31 1/2 (800)	22 (559)	-	-	-	-
CEV0125B±6EMA	2	53 1/2 (1359)	22 (559)	22 (559)	-	-	-
CEV0160B±6EMA	2	53 1/2 (1359)	22 (559)	22 (559)	-	-	-
CEV0180B±6EMA	3	75 1/2 (1918)	22 (559)	22 (559)	22 (559)	-	-
CEV0215B±6EMA	3	75 1/2 (1918)	22 (559)	22 (559)	22 (559)	-	-
CEV0245B±6EMA	4	97 1/2 (2477)	22 (559)	22 (559)	22 (559)	22 (559)	-
CEV0290B±6EMA	4	97 1/2 (2477)	22 (559)	22 (559)	22 (559)	22 (559)	-
CEV0360B±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)
CEV0080*±6HMA	1	31 1/2 (800)	22 (559)	-	-	-	-
CEV0125*±6HMA	2	53 1/2 (1359)	22 (559)	22 (559)	-	-	-
CEV0160*±6HMA	2	53 1/2 (1359)	22 (559)	22 (559)	-	-	-
CEV0180*±6HMA	3	75 1/2 (1918)	22 (559)	22 (559)	-	-	-
CEV0215*±6HMA	3	75 1/2 (1918)	22 (559)	22 (559)	22 (559)	-	-
CEV0245*±6HMA	4	97 1/2 (2477)	22 (559)	22 (559)	22 (559)	22 (559)	-
CEV0290*±6HMA	4	97 1/2 (2477)	22 (559)	22 (559)	22 (559)	22 (559)	-
CEV0360*±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	R-454A	R-454C	R-455A
		AWEF	AWEF	AWEF	AWEF	AWEF	AWEF	AWEF	AWEF
6	CEV0055*±6AMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0080*±6AMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0125*±6AMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0160*±6AMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0180*±6AMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0215*±6AMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0245*±6AMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0290*±6AMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0360*±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	R-454A	R-454C	R-455A
		AWEF	AWEF	AWEF	AWEF	AWEF	AWEF	AWEF	AWEF
6	CEV0055B±6EMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0080B±6EMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0125B±6EMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0160B±6EMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0180B±6EMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0215B±6EMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0245B±6EMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0290B±6EMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0360B±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	CO ₂ DX	R-454A	R-454C	R-455A
		AWEF	AWEF	AWEF	AWEF	AWEF	AWEF	AWEF	AWEF
6	CEV0080*±6HMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0125*±6HMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0160*±6HMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0180*±6HMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0215*±6HMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0245*±6HMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0290*±6HMA	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
6	CEV0360*±6HMA	9.0	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)

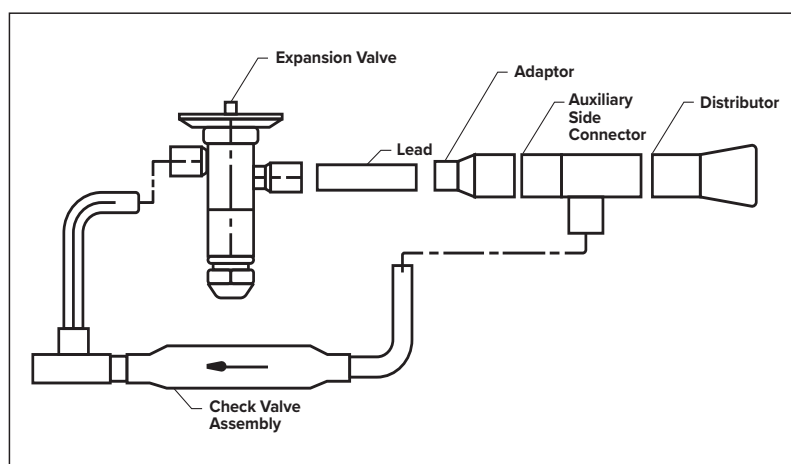
The hot gas defrost Low Velocity Center Mount units may be field piped for hot gas defrost using the optional bypass kit.

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.

Models Used On	TXV Bypass Kits	
	TXV Type	Bypass Kit Assy
CEV0125	EG, EGSE	50747611
CEV0125	SBF	50747612
CEV0125	SQE	50747613
CEV0125	BBI	50747614
CEV0160 to CEV0290	SBF, SQE	50747511
CEV0160 to CEV0290	BBI	50747512
CEV0160 to CEV0290	EG, EGSE	50747513
CEV0160 to CEV0245	EGSE-1-ZP, EGSE-2-ZP	50747515
CEV0360	SBF, SQE	50747311
CEV0360	BBI	50747312
CEV0360	EG	50747313
CEV0290	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
Field Installed Safety Shut Off Valve	
90050201	ASSY-A2L SOLENOID SHUT-OFF VLV 3/8 LIQ-1
90050202	ASSY-A2L SOLENOID SHUT-OFF VLV 3/8 LIQ-2

Part #	Description
Field Installed Safety Check Valve	
90050304	ASSY-A2L CHECK SHUT-OFF VALVE 1-1/8 SUC
90050305	ASSY-A2L CHECK SHUT-OFF VALVE 1-3/8 SUC
A2L Mitigation Sensor (Replacement Part)	
28915901S	A2L SENSOR REPLACEMENT PART
A2L Mitigation Controller (Replacement Part)	
28928001S	A2L CONTROL BOARD
Control Power Transformer	
22529601	TRANSFORMER, 120V-24V 40 VA
22529602	TRANSFORMER, 208/240V-24V 40 VA

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
CEV0055*±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
CEV0080*±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
CEV0125*±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
CEV0160*±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
CEV0180*±6AMA	3	3/16	24	10	E - 1	E - 1 1/2	E - 1	E - 1	E - 1	E - 1	E - 1 1/2
CEV0215*±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
CEV0245*±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
CEV0290*±6AMA	4	3/16	24	12	E - 2	E - 2 1/2	E - 2	E - 2	E - 2	E - 2	E - 2 1/2
CEV0360*±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
CEV0055B±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
CEV0080B±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
CEV0125B±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
CEV0160B±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
CEV0180B±6EMA	3	3/16	24	10	E - 1	E - 1 1/2	E - 1	E - 1	E - 1	E - 1	E - 1 1/2
CEV0215B±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
CEV0245B±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
CEV0290B±6EMA	4	3/16	24	12	E - 2	E - 2 1/2	E - 2	E - 2	E - 2	E - 2	E - 2 1/2
CEV0360B±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
CEV0080*±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
CEV0125*±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
CEV0160*±6HMA	2	3/16	24	6	E - 1	E - 1 1/2	E - 3/4	E - 3/4	E - 1	E - 1	E - 1
CEV0180*±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
CEV0215*±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
CEV0245*±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
CEV0290*±6HMA	4	3/16	24	10	E - 2	E - 2 1/2	E - 2	E - 2	E - 2	E - 2	E - 2
CEV0360*±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)



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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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