BOHN

BN-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
- 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.

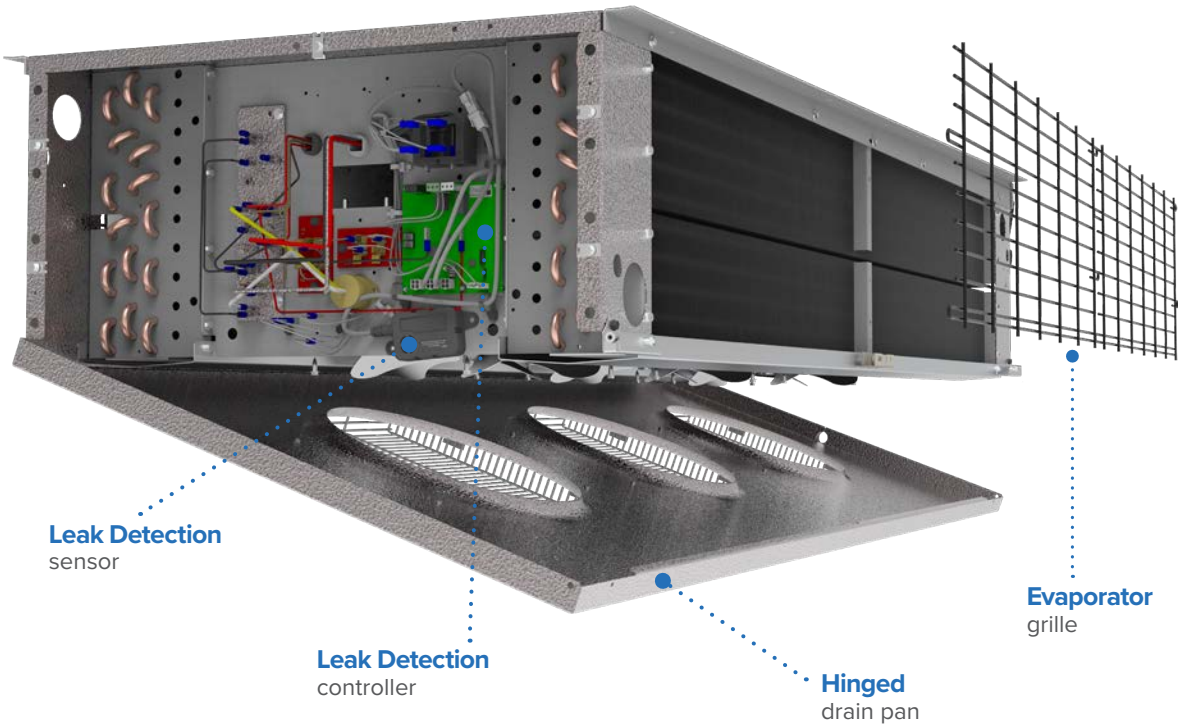
## OTHER OPTIONS

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

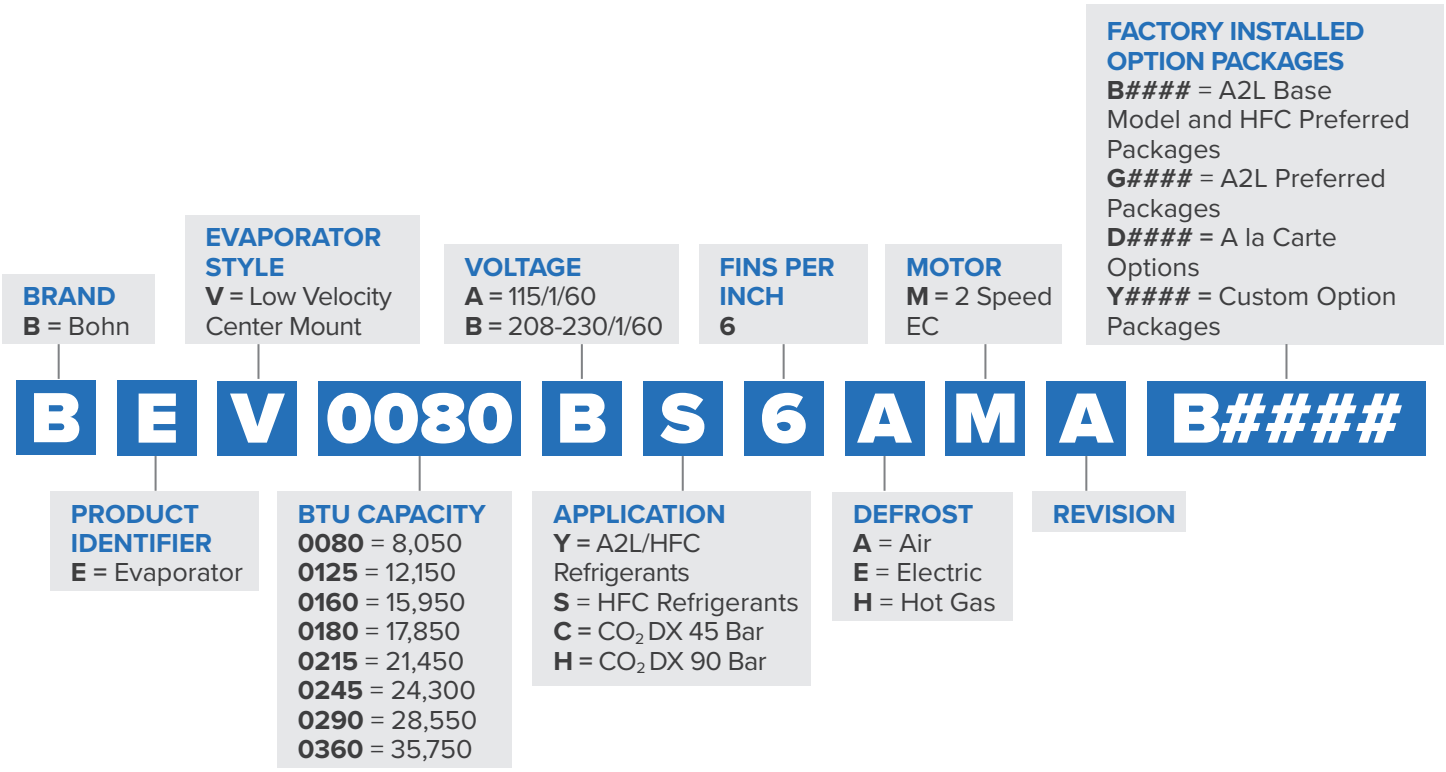
## A2L FEATURES AND OPTIONS

- 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
($CO_2$ DX)

| Package | Description<br>(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<br>(Pressure Transducer not included) |
| B0501 | Danfoss EEV (120V) with 1/4”MPT Transducer Connection<br>(Pressure Transducer not included) + Filter Drier |
| B0502 | Sporlan EEV (12V) with 1/4”MPT Transducer Connection<br>(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 | $m^3H$ |
| BEV0055*Y6AMA | 5,600 | 1,641 | 39 | 10 | 4,600 | 1,348 | 38 | 10 | 1 | 725 | 1,232 |
| BEV0080*Y6AMA | 8,500 | 2,461 | 39 | 10 | 7,000 | 2,461 | 38 | 10 | 1 | 725 | 1,232 |
| BEV0125*Y6AMA | 11,700 | 3,399 | 49 | 10 | 9,600 | 3,399 | 47 | 10 | 2 | 1,450 | 2,464 |
| BEV0160*Y6AMA | 14,400 | 4,190 | 67 | 20 | 11,900 | 4,190 | 64 | 20 | 2 | 1,450 | 2,464 |
| BEV0180*Y6AMA | 17,500 | 5,128 | 71 | 20 | 14,400 | 4,219 | 68 | 20 | 3 | 2,175 | 3,695 |
| BEV0215*Y6AMA | 21,100 | 6,182 | 86 | 20 | 17,300 | 5,069 | 83 | 20 | 3 | 2,175 | 3,695 |
| BEV0245*Y6AMA | 24,200 | 7,091 | 85 | 20 | 19,900 | 5,831 | 82 | 20 | 4 | 2,900 | 4,927 |
| BEV0290*Y6AMA | 32,200 | 9,435 | 104 | 20 | 26,400 | 7,735 | 101 | 20 | 4 | 2,900 | 4,927 |
| BEV0360*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 | $m^3H$ |
| BEV0055*Y6AMA | 5,900 | 1,729 | 26 | 10 | 1 | 725 | 1,232 |
| BEV0080*Y6AMA | 9,100 | 2,667 | 26 | 10 | 1 | 725 | 1,232 |
| BEV0125*Y6AMA | 12,500 | 3,663 | 32 | 10 | 2 | 1,450 | 2,464 |
| BEV0160*Y6AMA | 15,400 | 4,513 | 44 | 20 | 2 | 1,450 | 2,464 |
| BEV0180*Y6AMA | 18,700 | 5,480 | 46 | 20 | 3 | 2,175 | 3,695 |
| BEV0215*Y6AMA | 22,600 | 6,623 | 56 | 20 | 3 | 2,175 | 3,695 |
| BEV0245*Y6AMA | 25,900 | 7,591 | 56 | 20 | 4 | 2,900 | 4,927 |
| BEV0290*Y6AMA | 34,400 | 10,082 | 68 | 20 | 4 | 2,900 | 4,927 |
| BEV0360*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 | $m^3H$ |
| BEV0055*±6AMA | WK050 | 5,000 | 1,465 | 5,500 | 1,612 | 1 | 725 | 1,232 |
| BEV0080*±6AMA | WK075 | 7,500 | 2,198 | 8,400 | 2,461 | 1 | 725 | 1,232 |
| BEV0125*±6AMA | WK100 | 10,000 | 2,930 | 11,600 | 3,399 | 2 | 1,450 | 2,464 |
| BEV0160*±6AMA | WK130 | 13,000 | 3,809 | 14,300 | 4,190 | 2 | 1,450 | 2,464 |
| BEV0180*±6AMA | WK155‡ | 15,500 | 4,542 | 17,360 | 5,086 | 3 | 2,175 | 3,695 |
| BEV0215*±6AMA | WK180 | 18,000 | 5,274 | 20,880 | 6,118 | 3 | 2,175 | 3,695 |
| BEV0245*±6AMA | WK210 | 21,000 | 6,153 | 23,940 | 7,014 | 4 | 2,900 | 4,927 |
| BEV0290*±6AMA | WK270 | 27,000 | 7,911 | 31,860 | 9,335 | 4 | 2,900 | 4,927 |
| BEV0360*±6AMA | WK340 | 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 | $m^3H$ |
| BEV0055*±6AMA | WK050 | 5,500 | 1,612 | 5,500 | 1,612 | 1 | 725 | 1,232 |
| BEV0080*±6AMA | WK075 | 8,400 | 2,461 | 8,400 | 2,461 | 1 | 725 | 1,232 |
| BEV0125*±6AMA | WK100 | 11,600 | 3,399 | 11,600 | 3,399 | 2 | 1,450 | 2,464 |
| BEV0160*±6AMA | WK130 | 14,300 | 4,190 | 14,300 | 4,190 | 2 | 1,450 | 2,464 |
| BEV0180*±6AMA | WK155‡ | 17,360 | 5,086 | 17,360 | 5,086 | 3 | 2,175 | 3,695 |
| BEV0215*±6AMA | WK180 | 20,880 | 6,118 | 20,880 | 6,118 | 3 | 2,175 | 3,695 |
| BEV0245*±6AMA | WK210 | 23,940 | 7,014 | 23,940 | 7,014 | 4 | 2,900 | 4,927 |
| BEV0290*±6AMA | WK270 | 31,860 | 9,335 | 31,860 | 9,335 | 4 | 2,900 | 4,927 |
| BEV0360*±6AMA | WK340 | 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 | $m^3H$ |
| BEV0055*±6A^A | WKAY050 | 5,500 | 1,612 | 1 | 725 | 1,232 |
| BEV0080*±6A^A | WKAY075 | 8,400 | 2,462 | 1 | 725 | 1,232 |
| BEV0125*±6A^A | WKAY100 | 11,600 | 3,400 | 2 | 1,450 | 2,464 |
| BEV0160*±6A^A | WKAY130 | 14,300 | 4,191 | 2 | 1,450 | 2,464 |
| BEV0180*±6A^A | WKAY155 | 17,360 | 5,088 | 3 | 2,175 | 3,695 |
| BEV0215*±6A^A | WKAY180 | 20,880 | 6,119 | 3 | 2,175 | 3,695 |
| BEV0245*±6A^A | WKAY210 | 23,940 | 7,016 | 4 | 2,900 | 4,927 |
| BEV0290*±6A^A | WKAY270 | 31,860 | 9,337 | 4 | 2,900 | 4,927 |
| BEV0360*±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

* = 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 |
| BEV0055*±6AMA | 1/20 | 0.8 | 55 | 1.1 | 20 | 0.4 | 55 | 0.6 | 15 |
| BEV0080*±6AMA | 1/20 | 0.8 | 55 | 1.1 | 20 | 0.4 | 55 | 0.6 | 15 |
| BEV0125*±6AMA | 1/20 | 1.7 | 110 | 2.0 | 20 | 0.8 | 110 | 1.1 | 15 |
| BEV0160*±6AMA | 1/20 | 1.7 | 110 | 2.0 | 20 | 0.8 | 110 | 1.1 | 15 |
| BEV0180*±6AMA | 1/20 | 2.5 | 165 | 2.9 | 20 | 1.3 | 165 | 1.6 | 15 |
| BEV0215*±6AMA | 1/20 | 2.5 | 165 | 2.9 | 20 | 1.3 | 165 | 1.6 | 15 |
| BEV0245*±6AMA | 1/20 | 3.4 | 220 | 3.8 | 20 | 1.7 | 220 | 2.1 | 15 |
| BEV0290*±6AMA | 1/20 | 3.4 | 220 | 3.8 | 20 | 1.7 | 220 | 2.1 | 15 |
| BEV0360*±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 | $m^3H$ |
| BEV0055BY6EMA | 5,600 | 1,641 | 39 | 10 | 4,600 | 1,348 | 38 | 10 | 725 | 1,232 | 1,109 |
| BEV0080BY6EMA | 8,500 | 2,461 | 39 | 10 | 7,000 | 2,461 | 38 | 10 | 725 | 1,232 | 1,036 |
| BEV0125BY6EMA | 11,700 | 3,399 | 49 | 10 | 9,600 | 3,399 | 47 | 10 | 1,450 | 2,464 | 1,036 |
| BEV0160BY6EMA | 14,400 | 4,190 | 67 | 20 | 11,900 | 4,190 | 64 | 20 | 1,450 | 2,464 | 2,217 |
| BEV0180BY6EMA | 17,500 | 5,128 | 71 | 20 | 14,400 | 4,219 | 68 | 20 | 2,175 | 3,695 | 2,217 |
| BEV0215BY6EMA | 21,100 | 6,182 | 86 | 20 | 17,300 | 5,069 | 83 | 20 | 2,175 | 3,695 | 2,073 |
| BEV0245BY6EMA | 24,200 | 7,091 | 85 | 20 | 19,900 | 5,831 | 82 | 20 | 2,900 | 4,927 | 2,073 |
| BEV0290BY6EMA | 32,200 | 9,435 | 104 | 20 | 26,400 | 7,735 | 101 | 20 | 2,900 | 4,927 | 3,327 |
| BEV0360BY6EMA | 40,500 | 11,867 | 124 | 20 | 33,300 | 9,757 | 120 | 20 | 3,625 | 6,159 | 3,109 |

| | 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 | $m^3H$ |
| BEV0055BY6EMA | 5,900 | 1,729 | 26 | 10 | 1 | 725 | 1,232 |
| BEV0080BY6EMA | 9,100 | 2,667 | 26 | 10 | 1 | 725 | 1,232 |
| BEV0125BY6EMA | 12,500 | 3,663 | 32 | 10 | 2 | 1,450 | 2,464 |
| BEV0160BY6EMA | 15,400 | 4,513 | 44 | 20 | 2 | 1,450 | 2,464 |
| BEV0180BY6EMA | 18,700 | 5,480 | 46 | 20 | 3 | 2,175 | 3,695 |
| BEV0215BY6EMA | 22,600 | 6,623 | 56 | 20 | 3 | 2,175 | 3,695 |
| BEV0245BY6EMA | 25,900 | 7,591 | 56 | 20 | 4 | 2,900 | 4,927 |
| BEV0290BY6EMA | 34,400 | 10,082 | 68 | 20 | 4 | 2,900 | 4,927 |
| BEV0360BY6EMA | 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 | $m^3H$ |
| BEV0055B±6EMA | WKE050 | 5,000 | 1,465 | 5,500 | 1,612 | 1 | 725 | 1,232 |
| BEV0080B±6EMA | WKE075 | 7,500 | 2,198 | 8,400 | 2,461 | 1 | 725 | 1,232 |
| BEV0125B±6EMA | WKE100 | 10,000 | 2,930 | 11,600 | 3,399 | 2 | 1,450 | 2,464 |
| BEV0160B±6EMA | WKE130 | 13,000 | 3,809 | 14,300 | 4,190 | 2 | 1,450 | 2,464 |
| BEV0180B±6EMA | WKE155‡ | 15,500 | 4,542 | 17,360 | 5,086 | 3 | 2,175 | 3,695 |
| BEV0215B±6EMA | WKE180 | 18,000 | 5,274 | 20,880 | 6,118 | 3 | 2,175 | 3,695 |
| BEV0245B±6EMA | WKE210 | 21,000 | 6,153 | 23,940 | 7,014 | 4 | 2,900 | 4,927 |
| BEV0290B±6EMA | WKE270 | 27,000 | 7,911 | 31,860 | 9,335 | 4 | 2,900 | 4,927 |
| BEV0360B±6EMA | WKE340 | 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 | $m^3H$ |
| BEV0055B±6EMA | WKE050 | 5,500 | 1,612 | 5,500 | 1,612 | 1 | 725 | 1,232 |
| BEV0080B±6EMA | WKE075 | 8,400 | 2,461 | 8,400 | 2,461 | 1 | 725 | 1,232 |
| BEV0125B±6EMA | WKE100 | 11,600 | 3,399 | 11,600 | 3,399 | 2 | 1,450 | 2,464 |
| BEV0160B±6EMA | WKE130 | 14,300 | 4,190 | 14,300 | 4,190 | 2 | 1,450 | 2,464 |
| BEV0180B±6EMA | WKE155‡ | 17,360 | 5,086 | 17,360 | 5,086 | 3 | 2,175 | 3,695 |
| BEV0215B±6EMA | WKE180 | 20,880 | 6,118 | 20,880 | 6,118 | 3 | 2,175 | 3,695 |
| BEV0245B±6EMA | WKE210 | 23,940 | 7,014 | 23,940 | 7,014 | 4 | 2,900 | 4,927 |
| BEV0290B±6EMA | WKE270 | 31,860 | 9,335 | 31,860 | 9,335 | 4 | 2,900 | 4,927 |
| BEV0360B±6EMA | WKE340 | 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 | $m^3H$ |
| BEV0055*±6E^A | WKEY050 | 5,500 | 1,612 | 1 | 725 | 1,232 |
| BEV0080*±6E^A | WKEY075 | 8,400 | 2,462 | 1 | 725 | 1,232 |
| BEV0125*±6E^A | WKEY100 | 11,600 | 3,400 | 2 | 1,450 | 2,464 |
| BEV0160*±6E^A | WKEY130 | 14,300 | 4,191 | 2 | 1,450 | 2,464 |
| BEV0180*±6E^A | WKEY155 | 17,360 | 5,088 | 3 | 2,175 | 3,695 |
| BEV0215*±6E^A | WKEY180 | 20,880 | 6,119 | 3 | 2,175 | 3,695 |
| BEV0245*±6E^A | WKEY210 | 23,940 | 7,016 | 4 | 2,900 | 4,927 |
| BEV0290*±6E^A | WKEY270 | 31,860 | 9,337 | 4 | 2,900 | 4,927 |
| BEV0360*±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

* = 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 |
| BEV0055B±6EMA | 1/20 | 0.4 | 55 | 0.6 | 15 | 1,600 | 7.0 |
| BEV0080B±6EMA | 1/20 | 0.4 | 55 | 0.6 | 15 | 1,600 | 7.0 |
| BEV0125B±6EMA | 1/20 | 0.8 | 55 | 1.1 | 15 | 2,800 | 12.2 |
| BEV0160B±6EMA | 1/20 | 0.8 | 110 | 1.1 | 15 | 2,800 | 12.2 |
| BEV0180B±6EMA | 1/20 | 1.3 | 110 | 1.1 | 15 | 4,000 | 17.0 |
| BEV0215B±6EMA | 1/20 | 1.3 | 165 | 1.6 | 15 | 4,000 | 17.4 |
| BEV0245B±6EMA | 1/20 | 1.7 | 165 | 2.1 | 15 | 5,200 | 22.6 |
| BEV0290B±6EMA | 1/20 | 1.7 | 220 | 2.1 | 15 | 5,200 | 22.6 |
| BEV0360B±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 | $m^3H$ |
| BEV0080*Y6HMA | 8,500 | 2,491 | 39 | 10 | 7,000 | 2,051 | 38 | 10 | 725 | 1,232 | 1,109 |
| BEV0125*Y6HMA | 11,700 | 2,461 | 49 | 10 | 9,600 | 2,461 | 47 | 10 | 725 | 1,232 | 1,036 |
| BEV0160*Y6HMA | 14,400 | 3,399 | 67 | 20 | 11,900 | 3,399 | 64 | 20 | 1,450 | 2,464 | 1,036 |
| BEV0180*Y6HMA | 17,500 | 4,190 | 71 | 20 | 14,400 | 4,190 | 68 | 20 | 1,450 | 2,464 | 2,217 |
| BEV0215*Y6HMA | 21,100 | 6,182 | 86 | 20 | 17,300 | 5,069 | 83 | 20 | 2,175 | 3,695 | 2,217 |
| BEV0245*Y6HMA | 24,200 | 7,091 | 85 | 20 | 19,900 | 5,831 | 82 | 20 | 2,175 | 3,695 | 2,073 |
| BEV0290*Y6HMA | 32,200 | 9,435 | 104 | 20 | 26,400 | 7,735 | 101 | 20 | 2,900 | 4,927 | 2,073 |
| BEV0360*Y6HMA | 40,500 | 11,867 | 124 | 20 | 33,300 | 9,757 | 120 | 20 | 2,900 | 4,927 | 3,327 |

| | 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 | $m^3H$ |
| BEV0080*Y6HMA | 9,100 | 2,667 | 26 | 10 | 1 | 725 | 1,232 |
| BEV0125*Y6HMA | 12,500 | 3,663 | 32 | 10 | 1 | 725 | 1,232 |
| BEV0160*Y6HMA | 15,400 | 4,513 | 44 | 20 | 2 | 1,450 | 2,464 |
| BEV0180*Y6HMA | 18,700 | 5,480 | 46 | 20 | 2 | 1,450 | 2,464 |
| BEV0215*Y6HMA | 22,600 | 6,623 | 56 | 20 | 3 | 2,175 | 3,695 |
| BEV0245*Y6HMA | 25,900 | 7,591 | 56 | 20 | 3 | 2,175 | 3,695 |
| BEV0290*Y6HMA | 34,400 | 10,082 | 68 | 20 | 4 | 2,900 | 4,927 |
| BEV0360*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 | $m^3H$ |
| BEV0080*±6HMA | NA | 7,500 | 2,198 | 8,400 | 2,461 | 1 | 725 | 1,232 |
| BEV0125*±6HMA | WKG100 | 10,000 | 2,930 | 11,600 | 3,399 | 2 | 1,450 | 2,464 |
| BEV0160*±6HMA | WKG130 | 13,000 | 3,809 | 14,300 | 4,190 | 2 | 1,450 | 2,464 |
| BEV0180*±6HMA | WKG155‡ | 15,500 | 4,542 | 17,360 | 5,086 | 3 | 2,175 | 3,695 |
| BEV0215*±6HMA | WKG180 | 18,000 | 5,274 | 20,880 | 6,118 | 3 | 2,175 | 3,695 |
| BEV0245*±6HMA | WKG210 | 21,000 | 6,153 | 23,940 | 7,014 | 4 | 2,900 | 4,927 |
| BEV0290*±6HMA | WKG270 | 27,000 | 7,911 | 31,860 | 9,335 | 4 | 2,900 | 4,927 |
| BEV0360*±6HMA | WKG340 | 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 | $m^3H$ |
| BEV0080*±6HMA | NA | 8,400 | 2,461 | 8,400 | 2,461 | 1 | 725 | 1,232 |
| BEV0125*±6HMA | WKG100 | 11,600 | 3,399 | 11,600 | 3,399 | 2 | 1,450 | 2,464 |
| BEV0160*±6HMA | WKG130 | 14,300 | 4,190 | 14,300 | 4,190 | 2 | 1,450 | 2,464 |
| BEV0180*±6HMA | WKG155‡ | 17,360 | 5,086 | 17,360 | 5,086 | 3 | 2,175 | 3,695 |
| BEV0215*±6HMA | WKG180 | 20,880 | 6,118 | 20,880 | 6,118 | 3 | 2,175 | 3,695 |
| BEV0245*±6HMA | WKG210 | 23,940 | 7,014 | 23,940 | 7,014 | 4 | 2,900 | 4,927 |
| BEV0290*±6HMA | WKG270 | 31,860 | 9,335 | 31,860 | 9,335 | 4 | 2,900 | 4,927 |
| BEV0360*±6HMA | WKG340 | 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 |
| BEV0080*±6HMA | 1/20 | 0.8 | 55 | 1.1 | 20 | 200 | 1.7 |
| BEV0125*±6HMA | 1/20 | 1.7 | 110 | 2.0 | 20 | 350 | 3 |
| BEV0160*±6HMA | 1/20 | 1.7 | 110 | 2.0 | 20 | 350 | 3 |
| BEV0180*±6HMA | 1/20 | 2.5 | 165 | 2.9 | 20 | 500 | 4.3 |
| BEV0215*±6HMA | 1/20 | 2.5 | 165 | 2.9 | 20 | 500 | 4.3 |
| BEV0245*±6HMA | 1/20 | 3.4 | 220 | 3.8 | 20 | 650 | 5.7 |
| BEV0290*±6HMA | 1/20 | 3.4 | 220 | 3.8 | 20 | 650 | 5.7 |
| BEV0360*±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 |
| BEV0080*±6HMA | 1/20 | 0.4 | 55 | 0.6 | 15 | 200 | 0.9 |
| BEV0125*±6HMA | 1/20 | 0.8 | 110 | 1.1 | 15 | 350 | 1.5 |
| BEV0160*±6HMA | 1/20 | 0.8 | 110 | 1.1 | 15 | 350 | 1.5 |
| BEV0180*±6HMA | 1/20 | 1.3 | 165 | 1.6 | 15 | 500 | 2.2 |
| BEV0215*±6HMA | 1/20 | 1.3 | 165 | 1.6 | 15 | 500 | 2.2 |
| BEV0245*±6HMA | 1/20 | 1.7 | 220 | 2.1 | 15 | 650 | 2.8 |
| BEV0290*±6HMA | 1/20 | 1.7 | 220 | 2.1 | 15 | 650 | 2.8 |
| BEV0360*±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 |
| BEV0055*±6AMA | 1 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 95 | 43 |
| BEV0080*±6AMA | 1 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 95 | 43 |
| BEV0125*±6AMA | 2 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 153 | 69 |
| BEV0160*±6AMA | 2 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 181 | 82 |
| BEV0180*±6AMA | 3 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 214 | 97 |
| BEV0215*±6AMA | 3 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 227 | 103 |
| BEV0245*±6AMA | 4 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 274 | 124 |
| BEV0290*±6AMA | 4 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 274 | 124 |
| BEV0360*±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 |
| BEV0055*C6A^A | 1 | 3/8 | 3/8 | 3/4 | 84 | 38 |
| BEV0080*C6A^A | 1 | 3/8 | 3/8 | 3/4 | 84 | 38 |
| BEV0125*C6A^A | 2 | 3/8 | 3/8 | 3/4 | 117 | 53 |
| BEV0160*C6A^A | 2 | 3/8 | 3/8 | 3/4 | 164 | 74 |
| BEV0180*C6A^A | 3 | 3/8 | 3/8 | 3/4 | 179 | 81 |
| BEV0215*C6A^A | 3 | 3/8 | 3/8 | 3/4 | 192 | 87 |
| BEV0245*C6A^A | 4 | 3/8 | 1/2 | 3/4 | 232 | 105 |
| BEV0290*C6A^A | 4 | 3/8 | 1/2 | 3/4 | 240 | 109 |
| BEV0360*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 |
| BEV0055^H6AMA | 1 | 3/8 | 5/8 | 3/4 | 103 | 47 |
| BEV0080^H6AMA | 1 | 3/8 | 5/8 | 3/4 | 103 | 47 |
| BEV0125^H6AMA | 2 | 3/8 | 5/8 | 3/4 | 170 | 77 |
| BEV0160^H6AMA | 2 | 3/8 | 5/8 | 3/4 | 198 | 90 |
| BEV0180^H6AMA | 3 | 3/8 | 5/8 | 3/4 | 240 | 109 |
| BEV0215^H6AMA | 3 | 3/8 | 5/8 | 3/4 | 253 | 115 |
| BEV0245^H6AMA | 4 | 3/8 | 5/8 | 3/4 | 309 | 140 |
| BEV0290^H6AMA | 4 | 3/8 | 5/8 | 3/4 | 309 | 140 |
| BEV0360^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 $10^0$F
± = 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 |
|---|---|---|---|---|---|---|---|
| BEV0055B±6EMA | 1 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 95 | 43 |
| BEV0080B±6EMA | 1 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 95 | 43 |
| BEV0125B±6EMA | 2 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 129 | 59 |
| BEV0160B±6EMA | 2 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 185 | 84 |
| BEV0180B±6EMA | 3 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 185 | 84 |
| BEV0215B±6EMA | 3 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 194 | 88 |
| BEV0245B±6EMA | 4 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 250 | 113 |
| BEV0290B±6EMA | 4 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 250 | 113 |
| BEV0360B±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 |
|---|---|---|---|---|---|---|
| BEV0055*C6E^A | 1 | 3/8 | 3/8 | 3/4 | 90 | 41 |
| BEV0080*C6E^A | 1 | 3/8 | 3/8 | 3/4 | 90 | 41 |
| BEV0125*C6E^A | 2 | 3/8 | 3/8 | 3/4 | 124 | 56 |
| BEV0160*C6E^A | 2 | 3/8 | 3/8 | 3/4 | 180 | 82 |
| BEV0180*C6E^A | 3 | 3/8 | 3/8 | 3/4 | 185 | 84 |
| BEV0215*C6E^A | 3 | 3/8 | 3/8 | 3/4 | 189 | 86 |
| BEV0245*C6E^A | 4 | 3/8 | 1/2 | 3/4 | 244 | 111 |
| BEV0290*C6E^A | 4 | 3/8 | 1/2 | 3/4 | 250 | 113 |
| BEV0360*C6E^A | 5 | 1/2 | 1/2 | 3/4 | 300 | 136 |

## Electric Defrost ($CO_2$ DX 90 Bar)

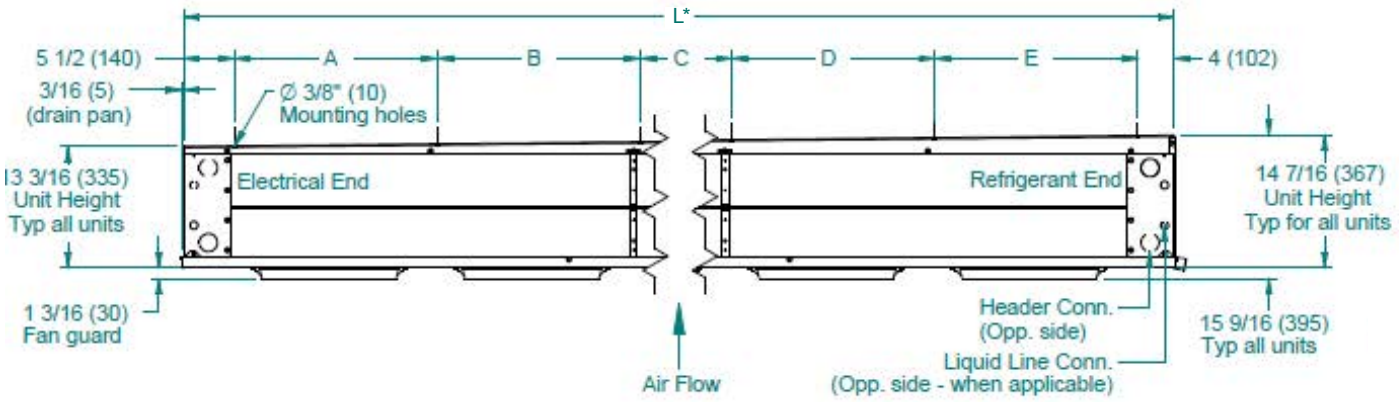
| Model | No. of Fans | Coil Inlet [2] | Suction [2] | Drain MPT | Approx. Net Weight lb | Approx. Net Weight kg |
|---|---|---|---|---|---|---|
| BEV0055^H6EMA | 1 | 3/8 | 5/8 | 3/4 | 103 | 47 |
| BEV0080^H6EMA | 1 | 3/8 | 5/8 | 3/4 | 103 | 47 |
| BEV0125^H6EMA | 2 | 3/8 | 5/8 | 3/4 | 146 | 66 |
| BEV0160^H6EMA | 2 | 3/8 | 5/8 | 3/4 | 202 | 92 |
| BEV0180^H6EMA | 3 | 3/8 | 5/8 | 3/4 | 211 | 96 |
| BEV0215^H6EMA | 3 | 3/8 | 5/8 | 3/4 | 220 | 100 |
| BEV0245^H6EMA | 4 | 3/8 | 5/8 | 3/4 | 285 | 129 |
| BEV0290^H6EMA | 4 | 3/8 | 5/8 | 3/4 | 285 | 129 |
| BEV0360^H6EMA | 5 | 3/8 | 5/8 | 3/4 | 350 | 159 |

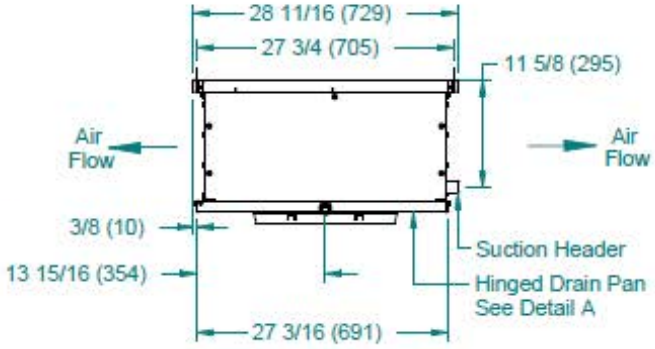
## Hot Gas Defrost

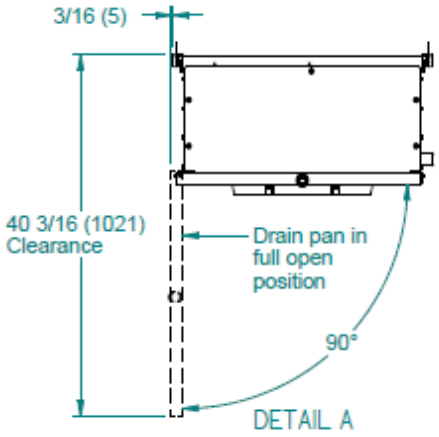
| Model | No. of Fans | Coil Inlet OD | Suction OD | Equalizer OD | Drain MPT | Side Port OD | Approx. Net Weight lb | Approx. Net Weight kg |
|---|---|---|---|---|---|---|---|---|
| BEV0080*±6HMA | 1 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 0.5 | 95 | 43 |
| BEV0125*±6HMA | 2 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 0.5 | 153 | 69 |
| BEV0160*±6HMA | 2 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 0.625 | 181 | 82 |
| BEV0180*±6HMA | 3 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 0.625 | 214 | 97 |
| BEV0215*±6HMA | 3 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 0.625 | 227 | 103 |
| BEV0245*±6HMA | 4 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 0.625 | 274 | 124 |
| BEV0290*±6HMA | 4 | 3/8 | 1 - 3/8 | 1/4 | 3/4 | 0.625 | 274 | 124 |
| BEV0360*±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 $10^0$F
± = 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) |
| BEV0055*±6AMA | 1 | 31 1/2 (800) | 22 (559) | - | - | - | - |
| BEV0080*±6AMA | 1 | 31 1/2 (800) | 22 (559) | - | - | - | - |
| BEV0125*±6AMA | 2 | 53 1/2 (1359) | 22 (559) | 22 (559) | - | - | - |
| BEV0160*±6AMA | 2 | 53 1/2 (1359) | 22 (559) | 22 (559) | - | - | - |
| BEV0180*±6AMA | 3 | 75 1/2 (1918) | 22 (559) | 22 (559) | 22 (559) | - | - |
| BEV0215*±6AMA | 3 | 75 1/2 (1918) | 22 (559) | 22 (559) | 22 (559) | - | - |
| BEV0245*±6AMA | 4 | 97 1/2 (2477) | 22 (559) | 22 (559) | 22 (559) | 22 (559) | - |
| BEV0290*±6AMA | 4 | 97 1/2 (2477) | 22 (559) | 22 (559) | 22 (559) | 22 (559) | - |
| BEV0360*±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) |
| BEV0055B±6EMA | 1 | 31 1/2 (800) | 22 (559) | - | - | - | - |
| BEV0080B±6EMA | 1 | 31 1/2 (800) | 22 (559) | - | - | - | - |
| BEV0125B±6EMA | 2 | 53 1/2 (1359) | 22 (559) | 22 (559) | - | - | - |
| BEV0160B±6EMA | 2 | 53 1/2 (1359) | 22 (559) | 22 (559) | - | - | - |
| BEV0180B±6EMA | 3 | 75 1/2 (1918) | 22 (559) | 22 (559) | 22 (559) | - | - |
| BEV0215B±6EMA | 3 | 75 1/2 (1918) | 22 (559) | 22 (559) | 22 (559) | - | - |
| BEV0245B±6EMA | 4 | 97 1/2 (2477) | 22 (559) | 22 (559) | 22 (559) | 22 (559) | - |
| BEV0290B±6EMA | 4 | 97 1/2 (2477) | 22 (559) | 22 (559) | 22 (559) | 22 (559) | - |
| BEV0360B±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) |
| BEV0080*±6HMA | 1 | 31 1/2 (800) | 22 (559) | - | - | - | - |
| BEV0125*±6HMA | 2 | 53 1/2 (1359) | 22 (559) | 22 (559) | - | - | - |
| BEV0160*±6HMA | 2 | 53 1/2 (1359) | 22 (559) | 22 (559) | - | - | - |
| BEV0180*±6HMA | 3 | 75 1/2 (1918) | 22 (559) | 22 (559) | - | - | - |
| BEV0215*±6HMA | 3 | 75 1/2 (1918) | 22 (559) | 22 (559) | 22 (559) | - | - |
| BEV0245*±6HMA | 4 | 97 1/2 (2477) | 22 (559) | 22 (559) | 22 (559) | 22 (559) | - |
| BEV0290*±6HMA | 4 | 97 1/2 (2477) | 22 (559) | 22 (559) | 22 (559) | 22 (559) | - |
| BEV0360*±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 | BEV0055*±6AMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0080*±6AMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0125*±6AMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0160*±6AMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0180*±6AMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0215*±6AMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0245*±6AMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0290*±6AMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0360*±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 | BEV0055B±6EMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0080B±6EMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0125B±6EMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0160B±6EMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0180B±6EMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0215B±6EMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0245B±6EMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0290B±6EMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0360B±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 | BEV0080*±6HMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0125*±6HMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0160*±6HMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0180*±6HMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0215*±6HMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0245*±6HMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0290*±6HMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEV0360*±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)

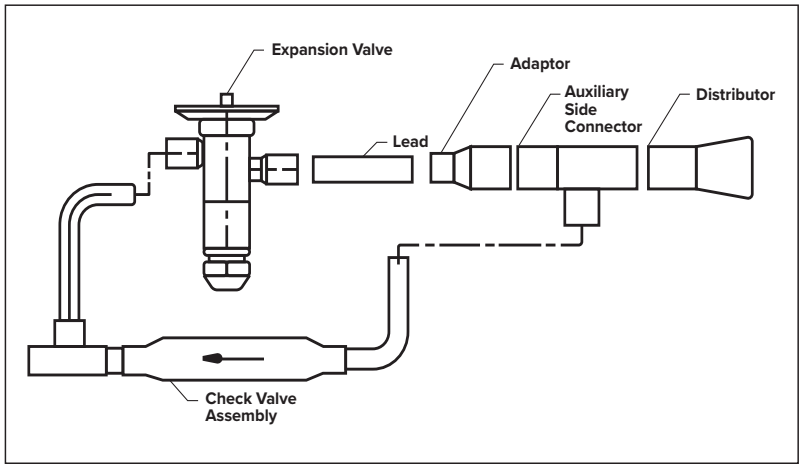
The hot gas defrost Low Velocity Center Mount units may be field piped for hot gas defrost using the optional bypass kit.

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** |
| BEV0125 | EG, EGSE | 50747611 |
| BEV0125 | SBF | 50747612 |
| BEV0125 | SQE | 50747613 |
| BEV0125 | BBI | 50747614 |
| BEV0160 to BEV0290 | SBF, SQE | 50747511 |
| BEV0160 to BEV0290 | BBI | 50747512 |
| BEV0160 to BEV0290 | EG,EGSE | 50747513 |
| BEV0160 to BEV0245 | EGSE-1-ZP, EGSE-2-ZP | 50747515 |
| BEV0360 | SBF, SQE | 50747311 |
| BEV0360 | BBI | 50747312 |
| BEV0360 | EG | 50747313 |
| BEV0290 | 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 |
| BEV0055*Y6AMA | 3/8 | 1-3/8 | 29338301 | 29338301 | 29338301 | 29308802 | 29308802 | 29308802 |
| BEV0080*Y6AMA | 3/8 | 1-3/8 | 29338301 | 29338301 | 29338301 | 29308802 | 29308802 | 29308802 |
| BEV0125*Y6AMA | 3/8 | 1-3/8 | 29338301 | 29338301 | 29338401 | 29308802 | 29308802 | 29308802 |
| BEV0160*Y6AMA | 3/8 | 1-3/8 | 29338401 | 29338301 | 29338401 | 29308802 | 29308802 | 29308802 |
| BEV0180*Y6AMA | 3/8 | 1-3/8 | 29338401 | 29338401 | 29338401 | 29308802 | 29308802 | 29308803 |
| BEV0215*Y6AMA | 3/8 | 1-3/8 | 29338401 | 29338401 | 29338401 | 29308803 | 29308803 | 29308803 |
| BEV0245*Y6AMA | 3/8 | 1-3/8 | 29338401 | 29338401 | 29338601 | 29308803 | 29308803 | 29308803 |
| BEV0290*Y6AMA | 3/8 | 1-3/8 | 29338601 | 29338601 | 29338601 | 29308803 | 29308803 | 29308804 |
| BEV0360*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 |
| BEV0055BY6EMA | 3/8 | 1-3/8 | 29338301 | 29338301 | 29338301 | 29308802 | 29308802 | 29308802 |
| BEV0080BY6EMA | 3/8 | 1-3/8 | 29338301 | 29338301 | 29338301 | 29308802 | 29308802 | 29308802 |
| BEV0125BY6EMA | 3/8 | 1-3/8 | 29338301 | 29338301 | 29338401 | 29308802 | 29308802 | 29308802 |
| BEV0160BY6EMA | 3/8 | 1-3/8 | 29338401 | 29338301 | 29338401 | 29308802 | 29308802 | 29308802 |
| BEV0180BY6EMA | 3/8 | 1-3/8 | 29338401 | 29338401 | 29338401 | 29308802 | 29308802 | 29308803 |
| BEV0215BY6EMA | 3/8 | 1-3/8 | 29338401 | 29338401 | 29338401 | 29308803 | 29308803 | 29308803 |
| BEV0245BY6EMA | 3/8 | 1-3/8 | 29338401 | 29338401 | 29338601 | 29308803 | 29308803 | 29308803 |
| BEV0290BY6EMA | 3/8 | 1-3/8 | 29338601 | 29338601 | 29338601 | 29308803 | 29308803 | 29308804 |
| BEV0360BY6EMA | 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 |
| BEV0080*Y6HMA | 3/8 | 1-3/8 | 29338301 | 29338301 | 29338301 | 29308802 | 29308802 | 29308802 |
| BEV0125*Y6HMA | 3/8 | 1-3/8 | 29338301 | 29338301 | 29338401 | 29308802 | 29308802 | 29308802 |
| BEV0160*Y6HMA | 3/8 | 1-3/8 | 29338401 | 29338301 | 29338401 | 29308802 | 29308802 | 29308802 |
| BEV0180*Y6HMA | 3/8 | 1-3/8 | 29338401 | 29338401 | 29338401 | 29308802 | 29308802 | 29308803 |
| BEV0215*Y6HMA | 3/8 | 1-3/8 | 29338401 | 29338401 | 29338401 | 29308803 | 29308803 | 29308803 |
| BEV0245*Y6HMA | 3/8 | 1-3/8 | 29338401 | 29338401 | 29338601 | 29308803 | 29308803 | 29308803 |
| BEV0290*Y6HMA | 3/8 | 1-3/8 | 29338601 | 29338601 | 29338601 | 29308803 | 29308803 | 29308804 |
| BEV0360*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 |
| BEV0055*±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 |
| BEV0080*±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 |
| BEV0125*±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 |
| BEV0160*±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 |
| BEV0180*±6AMA | 3 | 3/16 | 24 | 10 | E - 1 | E - 1 1/2 | E - 1 | E - 1 | E - 1 | E - 1 | E - 1 1/2 |
| BEV0215*±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 |
| BEV0245*±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 |
| BEV0290*±6AMA | 4 | 3/16 | 24 | 12 | E - 2 | E - 2 1/2 | E - 2 | E - 2 | E - 2 | E - 2 | E - 2 1/2 |
| BEV0360*±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 |
| BEV0055B±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 |
| BEV0080B±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 |
| BEV0125B±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 |
| BEV0160B±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 |
| BEV0180B±6EMA | 3 | 3/16 | 24 | 10 | E - 1 | E - 1 1/2 | E - 1 | E - 1 | E - 1 | E - 1 | E - 1 1/2 |
| BEV0215B±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 |
| BEV0245B±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 |
| BEV0290B±6EMA | 4 | 3/16 | 24 | 12 | E - 2 | E - 2 1/2 | E - 2 | E - 2 | E - 2 | E - 2 | E - 2 1/2 |
| BEV0360B±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 |
| BEV0080*±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 |
| BEV0125*±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 |
| BEV0160*±6HMA | 2 | 3/16 | 24 | 6 | E - 1 | E - 1 1/2 | E - 3/4 | E - 3/4 | E - 1 | E - 1 | E - 1 |
| BEV0180*±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 |
| BEV0215*±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 |
| BEV0245*±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 |
| BEV0290*±6HMA | 4 | 3/16 | 24 | 10 | E - 2 | E - 2 1/2 | E - 2 | E - 2 | E - 2 | E - 2 | E - 2 |
| BEV0360*±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 |
| BEV0055^H6AMA | 1 | 3/16 | 24 | 2 | L-1/6 |
| BEV0080^H6AMA | 1 | 3/16 | 24 | 2 | L-1/4 |
| BEV0125^H6AMA | 2 | 3/16 | 24 | 2 | L-1/3 |
| BEV0160^H6AMA | 2 | 3/16 | 24 | 6 | L-1/3 |
| BEV0180^H6AMA | 3 | 3/16 | 24 | 2 | L-1/2 |
| BEV0215^H6AMA | 3 | 3/16 | 24 | 6 | L-3/4 |
| BEV0245^H6AMA | 4 | 3/16 | 24 | 6 | L-3/4 |
| BEV0290^H6AMA | 4 | 3/16 | 24 | 4 | L-1 |
| BEV0360^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 |
| BEV0055BH6EMA | 1 | 3/16 | 24 | 2 | L-1/6 |
| BEV0080BH6EMA | 1 | 3/16 | 24 | 2 | L-1/4 |
| BEV0125BH6EMA | 2 | 3/16 | 24 | 2 | L-1/3 |
| BEV0160BH6EMA | 2 | 3/16 | 24 | 6 | L-1/3 |
| BEV0180BH6EMA | 3 | 3/16 | 24 | 2 | L-1/2 |
| BEV0215BH6EMA | 3 | 3/16 | 24 | 6 | L-3/4 |
| BEV0245BH6EMA | 4 | 3/16 | 24 | 6 | L-3/4 |
| BEV0290BH6EMA | 4 | 3/16 | 24 | 4 | L-1 |
| BEV0360BH6EMA | 5 | 3/16 | 24 | 4 | L-1 |

# NOTES

# NOTES

# NOTES




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

**BN-LVCM-0826 | Version 014**

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