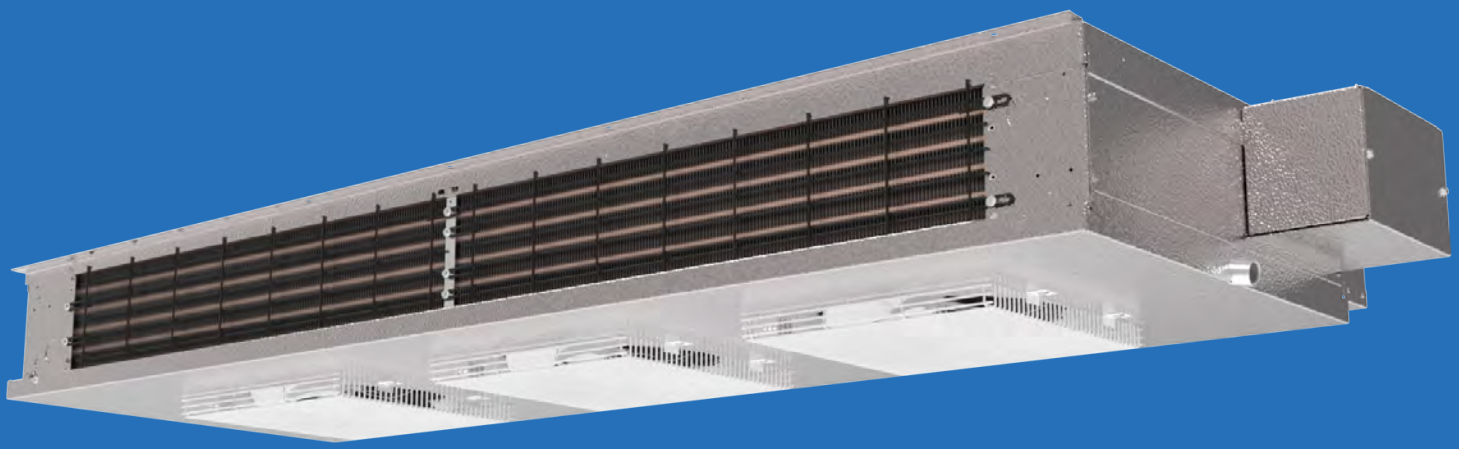
BOHN

BN-CM | **MARCH 2025**
Replaces January 2024

# CENTER MOUNT EVAPORATOR

## Technical Guide

**Including A2L models meeting DOE minimum AWEF**



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# FEATURES & BENEFITS

## CABINET

- Air moves across the ceiling in both directions providing even air distribution throughout the cooler
- Compact, ceiling mount and center mount design allows for shelving and storage of product around all walls
- 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
- Improved wire management and routing
- Quick disconnect, waterproof plug and receptacle for each motor in all models
- Molded fan guard is made of strong, durable, NSF and UL Sanitation rated lightweight and damage resistant plastic material
- 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
- Standard adjustable defrost termination fan delay thermostat
- Internally enhanced tubing and fin design for higher efficiency
- Optimized heater placement with reduced heater wattages
- Fixed defrost termination for electric, adjustable defrost termination for hot gas

## 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

## MOTOR

- Motor rail is design for maximum strength and durability
- 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

- Factory installed mounted components are available in these configurations:
- Pre-assembled units available with mounted TXV, liquid line solenoid valve and room thermostat
- Mounted TXV
- Mounted TXV and solenoid valve
- Units available with stainless steel housing and drain pan
- Air defrost units are available with various coil coatings options

## A2L FEATURES AND OPTIONS

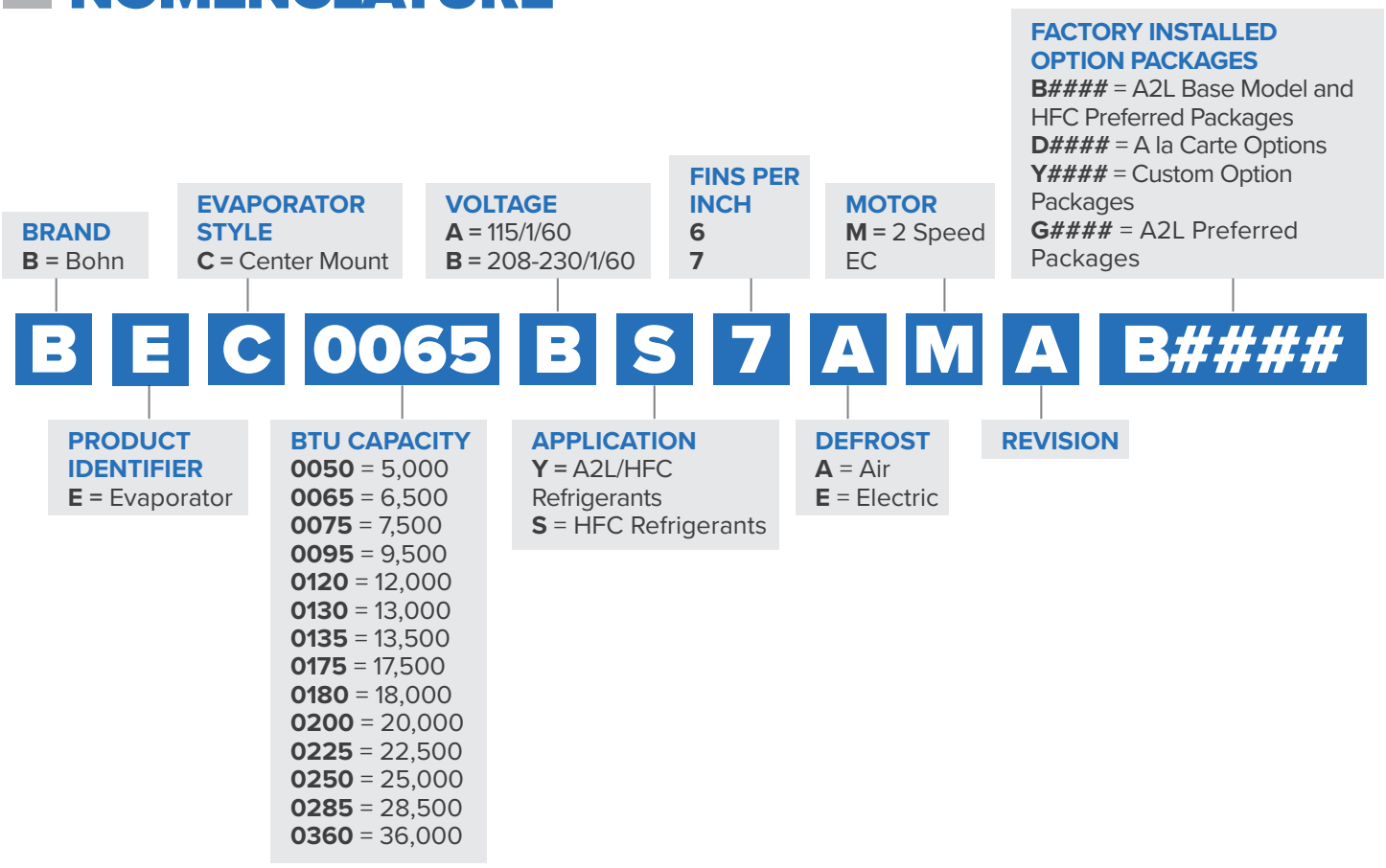
- A2L and A1 dual refrigerants compatible models
- Factory mounted Refrigerant Detection System (RDS)
  - Mounted refrigerant leak detection sensors
  - Mounted refrigerant leak mitigation controller
  - Early warning leak detection with relay output for external alert devices
  - Mitigation alarm with 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

Table 1: Capacity Correction Factors

| Electric and Hot Gas Defrost Units | | | | |
|---|---|---|---|---|
| Saturated Suction Temperature °F | +20 | -10 | -20 | -30 |
| Saturated Suction Temperature °C | -7 | -23 | -29 | -34 |
| Multiply Capacity By | 1.15 | 1.04 | 1.00 | 0.90 |

# NOMENCLATURE




# PREFERRED OPTION PACKAGES

| Package | Description |
|---|---|
| **B0200** | intelliGen Refrigeration Controller (R-404A/R-448A/R-449A) |
| **B0201** | intelliGen Refrigeration Controller (R-407A/C/F) |
| **B0403** | Mounted Components (TXV, Solenoid Valve, Elec. T'stat - (R-404A) |
| **B0404** | Mounted Components (TXV, Solenoid Valve, Elec. T'stat - (R-407A/C/F) |
| **B0405** | Mounted Components (TXV, Solenoid Valve, Elec. T'stat - (R-448A/R-449A) |
| **B0000** | A2L/HFC Base Model |
| **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) |
| **G0410** | Standard Base with RDS + Mounted TXV + Solenoid Valve + Electronic T'Stat - (R-455A) |
| **G0411** | Standard Base with RDS + Mounted TXV + Solenoid Valve + Electronic T'Stat - (R-454C) |
| **G0412** | Standard Base with RDS + Mounted TXV + Solenoid Valve + Electronic T'Stat - (R-454A) |

# A2L PERFORMANCE DATA

## Application Capacity: Air Defrost- 60 Hz

Please consult AWEF table on page 18 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 | 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 | $m^3H$ |
| BEC0065*Y7AMA | 6,500 | 1,905 | 75 | 5,300 | 1,553 | 72 | 1 | 610 | 1,036 |
| BEC0095*Y7AMA | 9,200 | 2,696 | 96 | 7,600 | 2,227 | 92 | 2 | 1,220 | 2,073 |
| BEC0130*Y7AMA | 13,100 | 3,839 | 96 | 10,800 | 3,165 | 92 | 2 | 1,220 | 2,073 |
| BEC0175*Y7AMA | 17,500 | 5,129 | 118 | 14,400 | 4,220 | 113 | 3 | 1,830 | 3,109 |
| BEC0200*Y7AMA | 20,100 | 5,891 | 118 | 16,500 | 4,836 | 113 | 3 | 1,830 | 3,109 |
| BEC0225*Y7AMA | 22,500 | 6,594 | 131 | 18,500 | 5,422 | 126 | 3 | 1,830 | 3,109 |
| BEC0250*Y7AMA | 24,900 | 7,297 | 135 | 20,500 | 6,008 | 129 | 4 | 2,440 | 4,146 |
| BEC0285*Y7AMA | 28,600 | 8,382 | 152 | 23,500 | 6,887 | 145 | 4 | 2,440 | 4,146 |
| BEC0360*Y7AMA | 36,100 | 10,580 | 172 | 29,700 | 8,704 | 165 | 5 | 3,050 | 5,182 |

| | R455A | | | | | |
|---|---|---|---|---|---|---|
| | Application Capacity[1] | | | Fan Data | | |
| | 10°F TD/25°F SST | 6°C TD/4°C SST | Room Area Minimum | | | |
| New Model | BTUH | Watts | Sq. Ft. | No. of Fans | CFM | $m^3H$ |
| BEC0065*Y7AMA | 6,900 | 2,022 | 49 | 1 | 610 | 1,036 |
| BEC0095*Y7AMA | 9,800 | 2,872 | 62 | 2 | 1,220 | 2,073 |
| BEC0130*Y7AMA | 14,000 | 4,103 | 62 | 2 | 1,220 | 2,073 |
| BEC0175*Y7AMA | 18,700 | 5,480 | 76 | 3 | 1,830 | 3,109 |
| BEC0200*Y7AMA | 21,500 | 6,301 | 77 | 3 | 1,830 | 3,109 |
| BEC0225*Y7AMA | 24,100 | 7,063 | 85 | 3 | 1,830 | 3,109 |
| BEC0250*Y7AMA | 26,700 | 7,825 | 87 | 4 | 2,440 | 4,146 |
| BEC0285*Y7AMA | 30,600 | 8,968 | 98 | 4 | 2,440 | 4,146 |
| BEC0360*Y7AMA | 38,600 | 11,313 | 112 | 5 | 3,050 | 5,182 |

**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)

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 18 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 | $m^3H$ |
| BEC0065*±7AMA | SM052 | 5,200 | 1,524 | 6,400 | 1,875 | 1 | 610 | 1,036 |
| BEC0095*±7AMB | SM076 SM090 | 7,000 | 2,051 | 9,100 | 2,666 | 2 | 1,220 | 2,073 |
| BEC0130*±7AMA | SM102 | 9,100 | 2,666 | 13,000 | 3,809 | 2 | 1,220 | 2,073 |
| BEC0175*±7AMA | SM108 | 10,800 | 3,164 | 17,350 | 5,084 | 3 | 1,830 | 3,109 |
| BEC0200*±7AMA | SM134 | 13,400 | 3,926 | 19,900 | 5,831 | 3 | 1,830 | 3,109 |
| BEC0225*±7AMA | SM156 | 15,600 | 4,571 | 22,300 | 6,534 | 3 | 1,830 | 3,109 |
| BEC0250*±7AMA | SM179 | 17,900 | 5,245 | 24,700 | 7,237 | 4 | 2,440 | 4,146 |
| BEC0285*±7AMA | SM208 | 20,800 | 6,094 | 28,300 | 8,292 | 4 | 2,440 | 4,146 |
| BEC0360*±7AMA | SM249 | 24,900 | 7,296 | 35,750 | 10,475 | 5 | 3,050 | 5,182 |

| | | 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 | $m^3H$ |
| BEC0065*±7AMA | SM052 | 6,400 | 1,875 | 6,400 | 1,875 | 1 | 610 | 1,036 |
| BEC0095*±7AMB | SM076 SM090 | 9,100 | 2,666 | 9,100 | 2,666 | 2 | 1,220 | 2,073 |
| BEC0130*±7AMA | SM102 | 13,000 | 3,809 | 13,000 | 3,809 | 2 | 1,220 | 2,073 |
| BEC0175*±7AMA | SM108 | 17,350 | 5,084 | 17,350 | 5,084 | 3 | 1,830 | 3,109 |
| BEC0200*±7AMA | SM134 | 19,900 | 5,831 | 19,900 | 5,831 | 3 | 1,830 | 3,109 |
| BEC0225*±7AMA | SM156 | 22,300 | 6,534 | 22,300 | 6,534 | 3 | 1,830 | 3,109 |
| BEC0250*±7AMA | SM179 | 24,700 | 7,237 | 24,700 | 7,237 | 4 | 2,440 | 4,146 |
| BEC0285*±7AMA | SM208 | 28,300 | 8,292 | 28,300 | 8,292 | 4 | 2,440 | 4,146 |
| BEC0360*±7AMA | SM249 | 35,750 | 10,475 | 35,750 | 10,475 | 5 | 3,050 | 5,182 |

**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)

Net Capacity is available upon request

± = Y/S (see Nomenclature details)

# SPECIFICATIONS

## Air Defrost- 60 Hz

Please consult AWEF table on page 18 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 |
| BEC0065*±7AMA | 1/20 | 0.8 | 55 | 1.1 | 20 | 0.4 | 55 | 0.6 | 15 |
| BEC0095*±7AMA | 1/20 | 1.7 | 110 | 2.0 | 20 | 0.8 | 110 | 1.1 | 15 |
| BEC0130*±7AMA | 1/20 | 1.7 | 110 | 2.0 | 20 | 0.8 | 110 | 1.1 | 15 |
| BEC0175*±7AMA | 1/20 | 2.5 | 165 | 2.9 | 20 | 1.3 | 165 | 1.6 | 15 |
| BEC0200*±7AMA | 1/20 | 2.5 | 165 | 2.9 | 20 | 1.3 | 165 | 1.6 | 15 |
| BEC0225*±7AMA | 1/20 | 2.5 | 165 | 2.9 | 20 | 1.3 | 165 | 1.6 | 15 |
| BEC0250*±7AMA | 1/20 | 3.4 | 220 | 3.8 | 20 | 1.7 | 220 | 2.1 | 15 |
| BEC0285*±7AMA | 1/20 | 3.4 | 220 | 3.8 | 20 | 1.7 | 220 | 2.1 | 15 |
| BEC0360*±7AMA | 1/20 | 4.2 | 275 | 4.7 | 20 | 2.1 | 275 | 2.6 | 15 |

**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)

Net Capacity is available upon request

± = Y/S (see Nomenclature details)

# A2L PERFORMANCE DATA

## Application Capacity: Low Temperature Electric Defrost- 60 Hz

Please consult AWEF table on page 19 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 4) if using Saturated Suction Temperatures different than listed in the information below

| | R454A | | | R454C | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Application Capacity[1] | | | Application Capacity[1] | | | Fan Data | | |
| | 10°F TD/-20°F SST | 6°C TD/-29°C SST | Room Area Minimum | 10°F TD/-20°F SST | 6°C TD/-29°C SST | Room Area Minimum | | | |
| New Model | BTUH | Watts | Sq. Ft. | BTUH | Watts | Sq. Ft. | No. of Fans | CFM | $m^3H$ |
| BEC0050BY6EMA | 5,300 | 1,553 | 74 | 4,600 | 1,348 | 71 | 1 | 610 | 1,036 |
| BEC0075BY6EMA | 8,400 | 2,462 | 86 | 7,200 | 2,110 | 83 | 2 | 1,220 | 2,073 |
| BEC0120BY6EMA | 13,200 | 3,869 | 103 | 11,300 | 3,312 | 99 | 3 | 1,830 | 3,109 |
| BEC0135BY6EMA | 15,200 | 4,455 | 116 | 13,000 | 3,810 | 112 | 3 | 1,830 | 3,109 |
| BEC0180BY6EMA | 20,500 | 6,008 | 150 | 17,500 | 5,129 | 144 | 4 | 2,440 | 4,146 |
| BEC0255BY6EMA | 24,700 | 7,239 | 171 | 21,200 | 6,213 | 164 | 5 | 3,050 | 5,182 |
| BEC0280BY6EMA | 27,200 | 7,972 | 171 | 23,200 | 6,799 | 164 | 5 | 3,050 | 5,182 |

| | R455A | | | | | |
|---|---|---|---|---|---|---|
| | Application Capacity[1] | | | Fan Data | | |
| | 10°F TD/-20°F SST | 6°C TD/-29°C SST | Room Area Minimum | | | |
| New Model | BTUH | Watts | Sq. Ft. | No. of Fans | CFM | $m^3H$ |
| BEC0050BY6EMA | 5,200 | 1,524 | 48 | 1 | 610 | 1,036 |
| BEC0075BY6EMA | 8,300 | 2,432 | 56 | 2 | 1,220 | 2,073 |
| BEC0120BY6EMA | 12,900 | 3,781 | 67 | 3 | 1,830 | 3,109 |
| BEC0135BY6EMA | 14,900 | 4,367 | 75 | 3 | 1,830 | 3,109 |
| BEC0180BY6EMA | 20,000 | 5,861 | 97 | 4 | 2,440 | 4,146 |
| BEC0255BY6EMA | 24,200 | 7,092 | 111 | 5 | 3,050 | 5,182 |
| BEC0280BY6EMA | 26,600 | 7,796 | 111 | 5 | 3,050 | 5,182 |

**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

Net Capacity is available upon request

# A1 PERFORMANCE DATA

## Application Capacity: Low Temperature Electric Defrost- 60 Hz

Please consult AWEF table on page 19 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 4) if using Saturated Suction Temperatures different than listed in the information below

| | | R-404A/R-507A | | R-448A/R-449A | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Application Capacity[1] | | Application Capacity[1] | | Fan Data | | |
| New Model | Legacy Model | 10°F TD/-20°F SST | 6°C TD/-29°C SST | 10°F TD/-20°F SST | 6°C TD/-29°C SST | | | |
| | | BTUH | Watts | BTUH | Watts | No. of Fans | CFM | $m^3H$ |
| BEC0050B±6EMA | SME040 | 4,000 | 1,172 | 5,500 | 1,612 | 1 | 610 | 1,036 |
| BEC0075B±6EMA | SME054<br>SME065 | 6,500 | 1,905 | 8,700 | 2,549 | 2 | 1,220 | 2,073 |
| BEC0120B±6EMA | SME090 | 9,000 | 2,637 | 13,600 | 3,985 | 3 | 1,830 | 3,109 |
| BEC0135B±6EMA | SME130 | 13,000 | 3,809 | 15,700 | 4,600 | 3 | 1,830 | 3,109 |
| BEC0180B±6EMA | SME174 | 17,400 | 5,098 | 21,100 | 6,182 | 4 | 2,440 | 4,146 |
| BEC0255B±6EMA | N/A | 18,000 | 5,274 | 25,500 | 7,472 | 5 | 3,050 | 5,182 |
| BEC0280B±6EMA | N/A | 19,000 | 5,567 | 28,000 | 8,204 | 5 | 3,050 | 5,182 |

| | | R-407A/R-407F | | R-407C | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Application Capacity[1] | | Application Capacity[1] | | Fan Data | | |
| New Model | Legacy Model | 10°F TD/-20°F SST | 6°C TD/-29°C SST | 10°F TD/-20°F SST | 6°C TD/-29°C SST | | | |
| | | BTUH | Watts | BTUH | Watts | No. of Fans | CFM | $m^3H$ |
| BEC0050B±6EMA | SME040 | 5,500 | 1,612 | 5,500 | 1,612 | 1 | 610 | 1,036 |
| BEC0075B±6EMA | SME054<br>SME065 | 8,700 | 2,549 | 8,700 | 2,549 | 2 | 1,220 | 2,073 |
| BEC0120B±6EMA | SME090 | 13,600 | 3,985 | 13,600 | 3,985 | 3 | 1,830 | 3,109 |
| BEC0135B±6EMA | SME130 | 15,700 | 4,600 | 15,700 | 4,600 | 3 | 1,830 | 3,109 |
| BEC0180B±6EMA | SME174 | 21,100 | 6,182 | 21,100 | 6,182 | 4 | 2,440 | 4,146 |
| BEC0255B±6EMA | N/A | 25,500 | 7,472 | 25,500 | 7,472 | 5 | 3,050 | 5,182 |
| BEC0280B±6EMA | N/A | 28,000 | 8,204 | 28,000 | 8,204 | 5 | 3,050 | 5,182 |

**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

Net Capacity is available upon request

± = Y/S (see Nomenclature details)

# A2L PERFORMANCE DATA

## Application Capacity: Medium Temperature Electric Defrost- 60 Hz

Please consult AWEF table on page 19 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 4) if using Saturated Suction Temperatures different than listed in the information below

| | 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 | 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 | $m^3H$ |
| BEC0050BY6EMA | 6,400 | 1,876 | 75 | 5,200 | 1,524 | 72 | 1 | 610 | 1,036 |
| BEC0075BY6EMA | 10,100 | 2,960 | 87 | 8,300 | 2,432 | 84 | 2 | 1,220 | 2,073 |
| BEC0120BY6EMA | 15,800 | 4,631 | 104 | 13,000 | 3,810 | 100 | 3 | 1,830 | 3,109 |
| BEC0135BY6EMA | 18,200 | 5,334 | 117 | 15,000 | 4,396 | 112 | 3 | 1,830 | 3,109 |
| BEC0180BY6EMA | 24,500 | 7,180 | 152 | 20,100 | 5,891 | 146 | 4 | 2,440 | 4,146 |
| BEC0255BY6EMA | 29,600 | 8,675 | 172 | 24,300 | 7,122 | 165 | 5 | 3,050 | 5,182 |
| BEC0280BY6EMA | 32,500 | 9,525 | 172 | 26,700 | 7,825 | 165 | 5 | 3,050 | 5,182 |

| | R455A | | | | | |
|---|---|---|---|---|---|---|
| | Application Capacity[1] | | | Fan Data | | |
| | 10°F TD/25°F SST | 6°C TD/4°C SST | Room Area Minimum | | | |
| New Model | BTUH | Watts | Sq. Ft. | No. of Fans | CFM | $m^3H$ |
| BEC0050BY6EMA | 6,800 | 1,993 | 49 | 1 | 610 | 1,036 |
| BEC0075BY6EMA | 10,800 | 3,165 | 57 | 2 | 1,220 | 2,073 |
| BEC0120BY6EMA | 16,900 | 4,953 | 68 | 3 | 1,830 | 3,109 |
| BEC0135BY6EMA | 19,500 | 5,715 | 76 | 3 | 1,830 | 3,109 |
| BEC0180BY6EMA | 26,200 | 7,678 | 98 | 4 | 2,440 | 4,146 |
| BEC0255BY6EMA | 31,700 | 9,290 | 112 | 5 | 3,050 | 5,182 |
| BEC0280BY6EMA | 34,800 | 10,199 | 112 | 5 | 3,050 | 5,182 |

**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

[†] = Number of fans increases from legacy to new model

Net Capacity is available upon request

# A1 PERFORMANCE DATA

## Application Capacity: Medium Temperature Electric Defrost- 60 Hz

Please consult AWEF table on page 00 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 4) if using Saturated Suction Temperatures different than listed in the information below

| | | R-404A/R-507A | | R-448A/R-449A | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Application Capacity[1] | | Application Capacity[1] | | Fan Data | | |
| | 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 | | | |
| New Model | | BTUH | Watts | BTUH | Watts | No. of Fans | CFM | $m^3H$ |
| BEC0050B±6EMA | SME040 | 4,600 | 1,348 | 6,325 | 1,853 | 1 | 610 | 1,036 |
| BEC0075B±6EMA | SME054<br>SME065 | 7,450 | 2,183 | 10,005 | 2,931 | 2 | 1,220 | 2,073 |
| BEC0120B±6EMA | SME090 | 10,350 | 3,033 | 15,640 | 4,583 | 3 | 1,830 | 3,109 |
| BEC0135B±6EMA | SME130 | 14,950 | 4,380 | 18,055 | 5,290 | 3 | 1,830 | 3,109 |
| BEC0180B±6EMA | SME174 | 20,000 | 5,860 | 24,265 | 7,110 | 4 | 2,440 | 4,146 |
| BEC0255B±6EMA | N/A | 20,700 | 6,065 | 29,325 | 8,592 | 5 | 3,050 | 5,182 |
| BEC0280B±6EMA | N/A | 21,850 | 6,402 | 32,200 | 9,435 | 5 | 3,050 | 5,182 |

| | | R-407A/R-407F | | R-407C | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Application Capacity[1] | | Application Capacity[1] | | Fan Data | | |
| | 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 | | | |
| New Model | | BTUH | Watts | BTUH | Watts | No. of Fans | CFM | $m^3H$ |
| BEC0050B±6EMA | SME040 | 6,325 | 1,853 | 6,325 | 1,853 | 1 | 610 | 1,036 |
| BEC0075B±6EMA | SME054<br>SME065 | 10,005 | 2,931 | 10,005 | 2,931 | 2 | 1,220 | 2,073 |
| BEC0120B±6EMA | SME090 | 15,640 | 4,583 | 15,640 | 4,583 | 3 | 1,830 | 3,109 |
| BEC0135B±6EMA | SME130 | 18,055 | 5,290 | 18,055 | 5,290 | 3 | 1,830 | 3,109 |
| BEC0180B±6EMA | SME174 | 24,265 | 7,110 | 24,265 | 7,110 | 4 | 2,440 | 4,146 |
| BEC0255B±6EMA | N/A | 29,325 | 8,592 | 29,325 | 8,592 | 5 | 3,050 | 5,182 |
| BEC0280B±6EMA | N/A | 32,200 | 9,435 | 32,200 | 9,435 | 5 | 3,050 | 5,182 |

**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

[†] = Number of fans increases from legacy to new model

Net Capacity is available upon request

± = Y/S (see Nomenclature details)

# SPECIFICATIONS

## Electric Defrost- 60 Hz

Please consult AWEF table on page 00 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 4) if using Saturated Suction Temperatures different than listed in the information below

| New Model | HP | 2 Speed EC Motor (Totally Enclosed) | | | | Defrost Heaters | |
|---|---|---|---|---|---|---|---|
| | | 208-230/1/60 | | | | | |
| | | Amps | Watts | MCA | MOPD | Watts | Total Amps |
| BEC0050B±6EMA | 1/20 | 0.4 | 55 | 0.6 | 15 | 1,200 | 5.3 |
| BEC0075B±6EMA | 1/20 | 0.8 | 110 | 1.1 | 15 | 2,000 | 8.7 |
| BEC0120B±6EMA | 1/20 | 1.3 | 165 | 1.6 | 15 | 2,400 | 10.5 |
| BEC0135B±6EMA | 1/20 | 1.3 | 165 | 1.6 | 15 | 3,600 | 15.7 |
| BEC0180B±6EMA | 1/20 | 1.7 | 220 | 2.1 | 15 | 4,800 | 20.9 |
| BEC0255B±6EMA | 1/20 | 2.1 | 275 | 2.6 | 15 | 6,000 | 26.1 |
| BEC0280B±6EMA | 1/20 | 2.1 | 275 | 2.6 | 15 | 6,000 | 26.1 |

# PHYSICAL DATA

## Air Defrost

| Model | No. of Fans | Coil Inlet OD | Suction OD | Equalizer OD | Drain MPT | Approx. Net Weight | |
|---|---|---|---|---|---|---|---|
| | | | | | | lb | kg |
| BEC0065*±7AMA | 1 | 3/8 | 1 - 1/8 | 1/4 | 3/4 | 55 | 25 |
| BEC0095*±7AMA | 2 | 3/8 | 1 - 1/8 | 1/4 | 3/4 | 105 | 48 |
| BEC0130*±7AMA | 2 | 3/8 | 1 - 1/8 | 1/4 | 3/4 | 105 | 48 |
| BEC0175*±7AMA | 3 | 3/8 | 1 - 1/8 | 1/4 | 3/4 | 131 | 59 |
| BEC0200*±7AMA | 3 | 3/8 | 1 - 1/8 | 1/4 | 3/4 | 146 | 66 |
| BEC0225*±7AMA | 3 | 3/8 | 1 - 1/8 | 1/4 | 3/4 | 153 | 69 |
| BEC0250*±7AMA | 4 | 3/8 | 1 - 1/8 | 1/4 | 3/4 | 185 | 84 |
| BEC0285*±7AMA | 4 | 3/8 | 1 - 1/8 | 1/4 | 3/4 | 203 | 92 |
| BEC0360*±7AMA | 5 | 3/8 | 1 - 1/8 | 1/4 | 3/4 | 254 | 115 |

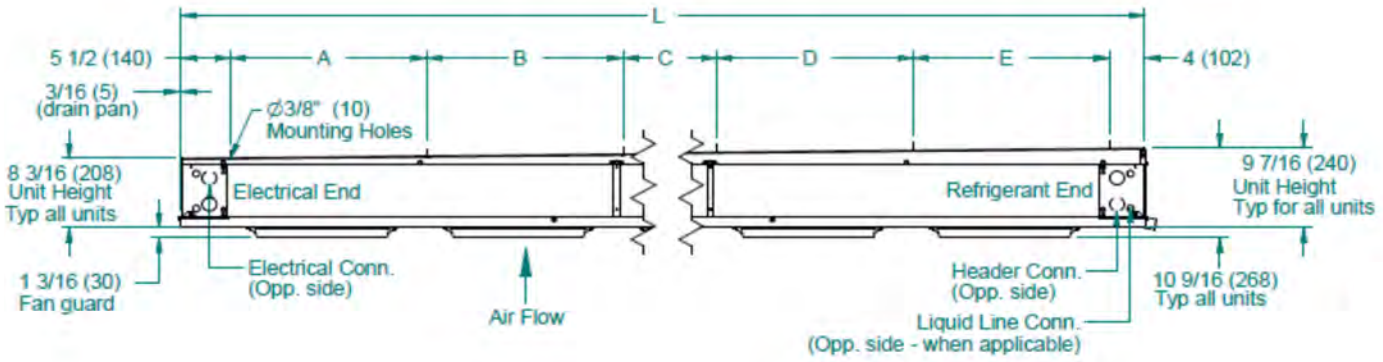
## Electric Defrost

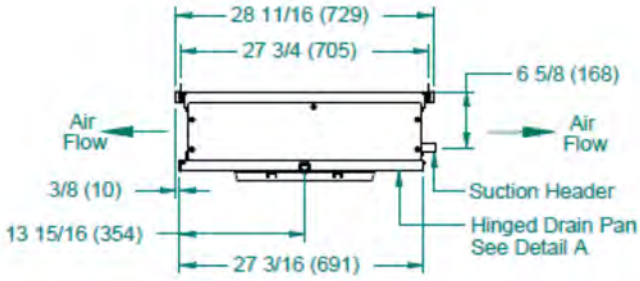
| Model | No. of Fans | Coil Inlet OD | Suction OD | Equalizer OD | Drain MPT | Approx. Net Weight | |
|---|---|---|---|---|---|---|---|
| | | | | | | lb | kg |
| BEC0050B±6EMA | 1 | 3/8 | 1 - 1/8 | 1/4 | 3/4 | 113 | 51 |
| BEC0075B±6EMA | 2 | 3/8 | 1 - 1/8 | 1/4 | 3/4 | 149 | 68 |
| BEC0120B±6EMA | 3 | 3/8 | 1 - 1/8 | 1/4 | 3/4 | 197 | 89 |
| BEC0135B±6EMA | 3 | 3/8 | 1 - 1/8 | 1/4 | 3/4 | 214 | 97 |
| BEC0180B±6EMA | 4 | 3/8 | 1 - 1/8 | 1/4 | 3/4 | 268 | 122 |
| BEC0255B±6EMA | 5 | 1/2 | 1 - 1/8 | 1/4 | 3/4 | 296 | 134 |
| BEC0280B±6EMA | 5 | 1/2 | 1 - 1/8 | 1/4 | 3/4 | 296 | 134 |

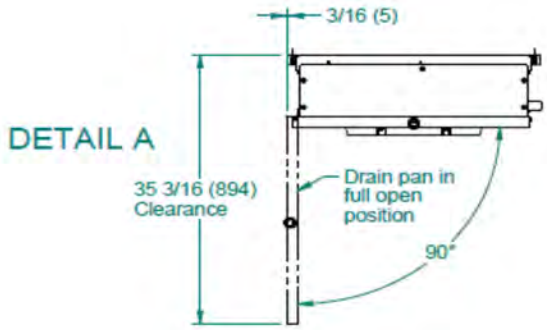
**Notes:**
* = Electrical Code Designator (see Nomenclature details)
All connections are in “

# DIMENSIONAL DRAWINGS

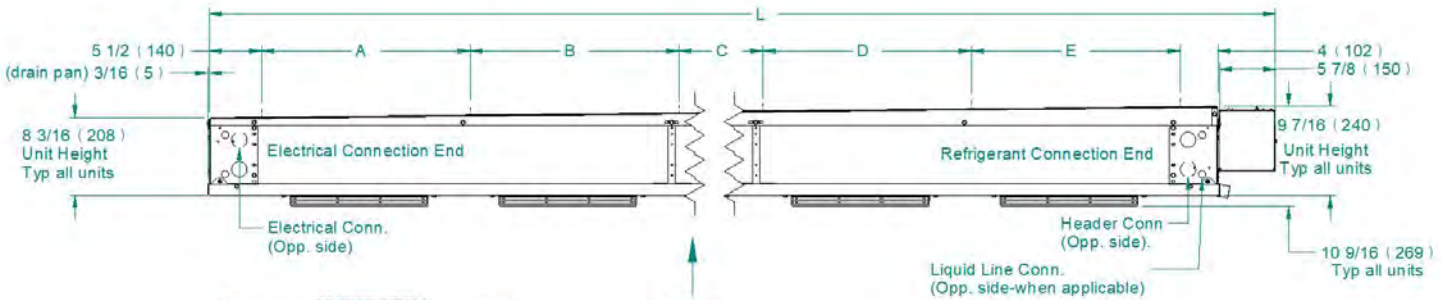
## A1 Dimensional Drawings

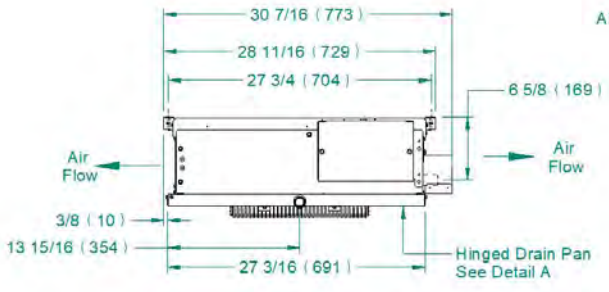


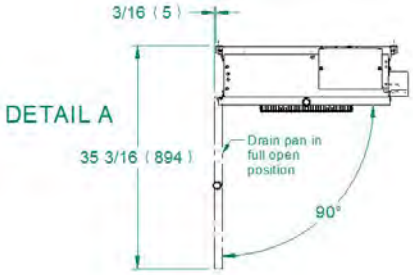




## A2L Dimensional Drawings



# DIMENSIONAL DATA

## A1 Dimensional Data For Air Defrost

| Model | No. of Fans | L | A | B | C | D | E |
|---|---|---|---|---|---|---|---|
| | | Inches (mm) | Inches (mm) | Inches (mm) | Inches (mm) | Inches (mm) | Inches (mm) |
| BEC0065*S7AMA | 1 | 31 1/2 (800) | 22 (559) | - | - | - | - |
| BEC0095*S7AMB | 2 | 53 1/2 (1359) | 22 (559) | 22 (559) | - | - | - |
| BEC0130*S7AMA | 2 | 53 1/2 (1359) | 22 (559) | 22 (559) | - | - | - |
| BEC0175*S7AMA | 3 | 75 1/2 (1918) | 22 (559) | 22 (559) | 22 (559) | - | - |
| BEC0200*S7AMA | 3 | 75 1/2 (1918) | 22 (559) | 22 (559) | 22 (559) | - | - |
| BEC0225*S7AMA | 3 | 75 1/2 (1918) | 22 (559) | 22 (559) | 22 (559) | - | - |
| BEC0250*S7AMA | 4 | 97 1/2 (2477) | 22 (559) | 22 (559) | 22 (559) | 22 (559) | - |
| BEC0285*S7AMA | 4 | 97 1/2 (2477) | 22 (559) | 22 (559) | 22 (559) | 22 (559) | - |
| BEC0360*S7AMA | 5 | 119 1/2 (3035) | 22 (559) | 22 (559) | 22 (559) | 22 (559) | 22 (559) |

## A2L Dimensional Data For Air Defrost

| Model | No. of Fans | L | A | B | C | D | E |
|---|---|---|---|---|---|---|---|
| | | Inches (mm) | Inches (mm) | Inches (mm) | Inches (mm) | Inches (mm) | Inches (mm) |
| BEC0065*Y7AMA | 1 | 37 1/2 (954) | 22 (559) | - | - | - | - |
| BEC0095*Y7AMA | 2 | 59 1/2 (1513) | 22 (559) | 22 (559) | - | - | - |
| BEC0130*Y7AMA | 2 | 59 1/2 (1513) | 22 (559) | 22 (559) | - | - | - |
| BEC0175*Y7AMA | 3 | 81 1/2 (2071) | 22 (559) | 22 (559) | 22 (559) | - | - |
| BEC0200*Y7AMA | 3 | 81 1/2 (2071) | 22 (559) | 22 (559) | 22 (559) | - | - |
| BEC0225*Y7AMA | 3 | 81 1/2 (2071) | 22 (559) | 22 (559) | 22 (559) | - | - |
| BEC0250*Y7AMA | 4 | 103 1/2 (2630) | 22 (559) | 22 (559) | 22 (559) | 22 (559) | - |
| BEC0285*Y7AMA | 4 | 103 1/2 (2630) | 22 (559) | 22 (559) | 22 (559) | 22 (559) | - |
| BEC0360*Y7AMA | 5 | 125 1/2 (3189) | 22 (559) | 22 (559) | 22 (559) | 22 (559) | 22 (559) |

**Notes:**
* = Electrical Code Designator (see Nomenclature details)

# DIMENSIONAL DATA

## A1 Dimensional Data For Electric Defrost

| Model | No. of Fans | L | A | B | C | D | E |
|---|---|---|---|---|---|---|---|
| | | Inches (mm) | Inches (mm) | Inches (mm) | Inches (mm) | Inches (mm) | Inches (mm) |
| BEC0050B±6EMA | 1 | 31 1/2 (800) | 22 (559) | - | - | - | |
| BEC0075B±6EMA | 2 | 53 1/2 (1359) | 22 (559) | 22 (559) | - | - | |
| BEC0120B±6EMA | 3 | 75 1/2 (1918) | 22 (559) | 22 (559) | 22 (559) | - | |
| BEC0135B±6EMA | 3 | 75 1/2 (1918) | 22 (559) | 22 (559) | 22 (559) | - | |
| BEC0180B±6EMA | 4 | 97 1/2 (1918) | 22 (559) | 22 (559) | 22 (559) | 22 (559) | |
| BEC0255B±6EMA | 5 | 119 1/2 (3035) | 22 (559) | 22 (559) | 22 (559) | 22 (559) | 22 (559) |
| BEC0280B±6EMA | 5 | 119 1/2 (3035) | 22 (559) | 22 (559) | 22 (559) | 22 (559) | 22 (559) |

## A2L Dimensional Data For Electric Defrost

| Model | No. of Fans | L | A | B | C | D | E |
|---|---|---|---|---|---|---|---|
| | | Inches (mm) | Inches (mm) | Inches (mm) | Inches (mm) | Inches (mm) | Inches (mm) |
| BEC0050BY6EMA | 1 | 37 1/2 (954) | 22 (559) | - | - | - | - |
| BEC0075BY6EMA | 2 | 59 1/2 (1513) | 22 (559) | 22 (559) | - | - | - |
| BEC0120BY6EMA | 3 | 81 1/2 (2071) | 22 (559) | 22 (559) | 22 (559) | - | - |
| BEC0135BY6EMA | 3 | 81 1/2 (2071) | 22 (559) | 22 (559) | 22 (559) | - | - |
| BEC0180BY6EMA | 4 | 103 1/2 (2630) | 22 (559) | 22 (559) | 22 (559) | 22 (559) | - |
| BEC0255BY6EMA | 5 | 125 1/2 (3189) | 22 (559) | 22 (559) | 22 (559) | 22 (559) | 22 (559) |
| BEC0280BY6EMA | 5 | 125 1/2 (3189) | 22 (559) | 22 (559) | 22 (559) | 22 (559) | 22 (559) |

**Notes:**
* = Electrical Code 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 | R-454A | R-454C | R-455A |
| | | AWEF | AWEF | AWEF | AWEF | AWEF | AWEF | AWEF |
| 7 | BEC0065*±7AMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 7 | BEC0095*±7AMA | - | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 7 | BEC0130*±7AMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 7 | BEC0175*±7AMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 7 | BEC0200*±7AMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 7 | BEC0225*±7AMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 7 | BEC0250*±7AMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 7 | BEC0285*±7AMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 7 | BEC0360*±7AMA | 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)
Revision for all Y models (A2L/HFC) is Rev A

# DOE Rated AWEF

# AWEF DATA

## Electric Defrost

| FPI | Model | Freezer | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 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 | BEC0050B±6EMA | 3.96 | 3.99 | 3.99 | 3.98 | 3.98 | 3.97 | 3.98 |
| 6 | BEC0075B±6EMA | 4.00 | 4.04 | 4.04 | 4.02 | 4.03 | 4.01 | 4.02 |
| 6 | BEC0120B±6EMA | 4.05 | 4.12 | 4.11 | 4.09 | 4.10 | 4.06 | 4.09 |
| 6 | BEC0135B±6EMA | 4.07 | 4.15 | 4.14 | 4.12 | 4.13 | 4.09 | 4.12 |
| 6 | BEC0180B±6EMA | 4.12 | 4.15 | 4.15 | 4.15 | 4.15 | 4.15 | 4.15 |
| 6 | BEC0255B±6EMA | 4.15 | 4.15 | 4.15 | 4.15 | 4.15 | 4.15 | 4.15 |
| 6 | BEC0280B±6EMA | 4.15 | 4.15 | 4.15 | 4.15 | 4.15 | 4.15 | 4.15 |

| 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 | BEC0050B±6EMA | - | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEC0075B±6EMA | - | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEC0120B±6EMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEC0135B±6EMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEC0180B±6EMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEC0255B±6EMA | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 6 | BEC0280B±6EMA | 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)

# 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 |

## Electrical Components

| Part # | Description |
|---|---|
| 22597101 | Terminal Board - Air Defrost |
| 22597701 | Terminal Board - Electric Defrost |
| 22521901 | 2SP RELAY 24V |
| 22532001 | 2SP RELAY 120V |
| 22505201 | 2SP RELAY 240V |
| 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 Components

| Part # | Description | No. of Fans |
|---|---|---|
| 4400S | Coil Heater | 1 |
| 4401S | Coil Heater | 2 |
| 4402S | Coil Heater - 4 Row Coil | 3 |
| 4403S | Coil Heater - 5 Row Coil | 3 |
| 4404S | Coil Heater | 4 |
| 4405S | 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 |
| BEC0065*S7AMA | 1 | 3/16 | 18 | 4 | L - 1/3 | L - 1/2 | L - 1/3 | L - 1/3 | L-1/3 | L-1/3 | L-1/2 |
| BEC0095*S7AMB | 2 | 3/16 | 18 | 4 | L - 1/2 | L - 3/4 | L - 1/2 | L - 1/2 | L-1/2 | L-1/2 | L-3/4 |
| BEC0130*S7AMA | 2 | 3/16 | 18 | 4 | L - 3/4 | L - 1 | L - 3/4 | L - 3/4 | L-3/4 | L-3/4 | L-1 |
| BEC0175*S7AMA | 3 | 3/16 | 18 | 4 | L - 3/4 | L - 1 1/2 | L - 1 | L - 1 | L-1 | L-1 | L-1-1/2 |
| BEC0200*S7AMA | 3 | 3/16 | 18 | 6 | L - 1 | L - 1 1/2 | L - 1 | L - 1 | L-1-1/2 | L-1 | L-1-1/2 |
| BEC0225*S7AMA | 3 | 3/16 | 24 | 8 | L - 1 | L - 2 | L - 1 1/2 | L - 1 1/2 | L-1-1/2 | L-1-1/2 | L-1-1/2 |
| BEC0250*S7AMA | 4 | 3/16 | 18 | 6 | L - 1 1/2 | L - 2 | L - 1 1/2 | L - 1 1/2 | L-1-1/2 | L-1-1/2 | L-2 |
| BEC0285*S7AMA | 4 | 3/16 | 24 | 8 | L - 1 1/2 | L - 2 1/2 | L - 1 1/2 | L - 1 1/2 | L-1-1/2 | L-1-1/2 | L-2 |
| BEC0360*S7AMA | 5 | 3/16 | 18 | 10 | L - 2 | L - 3 | L - 2 | L - 2 | L-2 | L-2 | L-2-1/2 |

## Electric Defrost

| Low Temperature (-20°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 |
| BEC0050BS6EMA | 1 | 3/16 | 18 | 4 | L - 1/2 | L - 1 | L - 3/4 | L - 1/2 | L - 3/4 | L - 3/4 | L - 3/4 |
| BEC0075BS6EMA | 2 | 3/16 | 18 | 4 | L - 3/4 | L - 1 1/2 | L - 1 | L - 1 | L - 1 | L - 3/4 | L - 1 |
| BEC0120BS6EMA | 3 | 3/16 | 18 | 6 | L - 1 1/2 | L - 2 | L - 1 1/2 | L - 1 1/2 | L - 1 1/2 | L - 1 1/2 | L - 1 1/2 |
| BEC0135BS6EMA | 3 | 3/16 | 24 | 8 | L - 2 | L - 2 1/2 | L - 1 1/2 | L - 1 1/2 | L - 1 1/2 | L - 1 1/2 | L - 2 |
| BEC0180BS6EMA | 4 | 3/16 | 18 | 10 | L - 2 | L - 4 | L - 2 1/2 | L - 2 | L - 2 | L - 2 | L - 2 1/2 |
| BEC0255BS6EMA | 5 | 3/16 | 18 | 10 | L - 2 1/2 | L - 4 | L - 3 | L - 3 | L - 2 1/2 | L - 2 1/2 | L - 2 1/2 |
| BEC0280BS6EMA | 5 | 3/16 | 18 | 10 | L - 2 1/2 | L - 4 | L - 3 | L - 3 | L - 2 1/2 | L - 2 1/2 | L - 3 |

**Notes:**
* = Electrical Code Designator (see Nomenclature details)

# NOTES

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

**BN-CM-0325 | Version 007**

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