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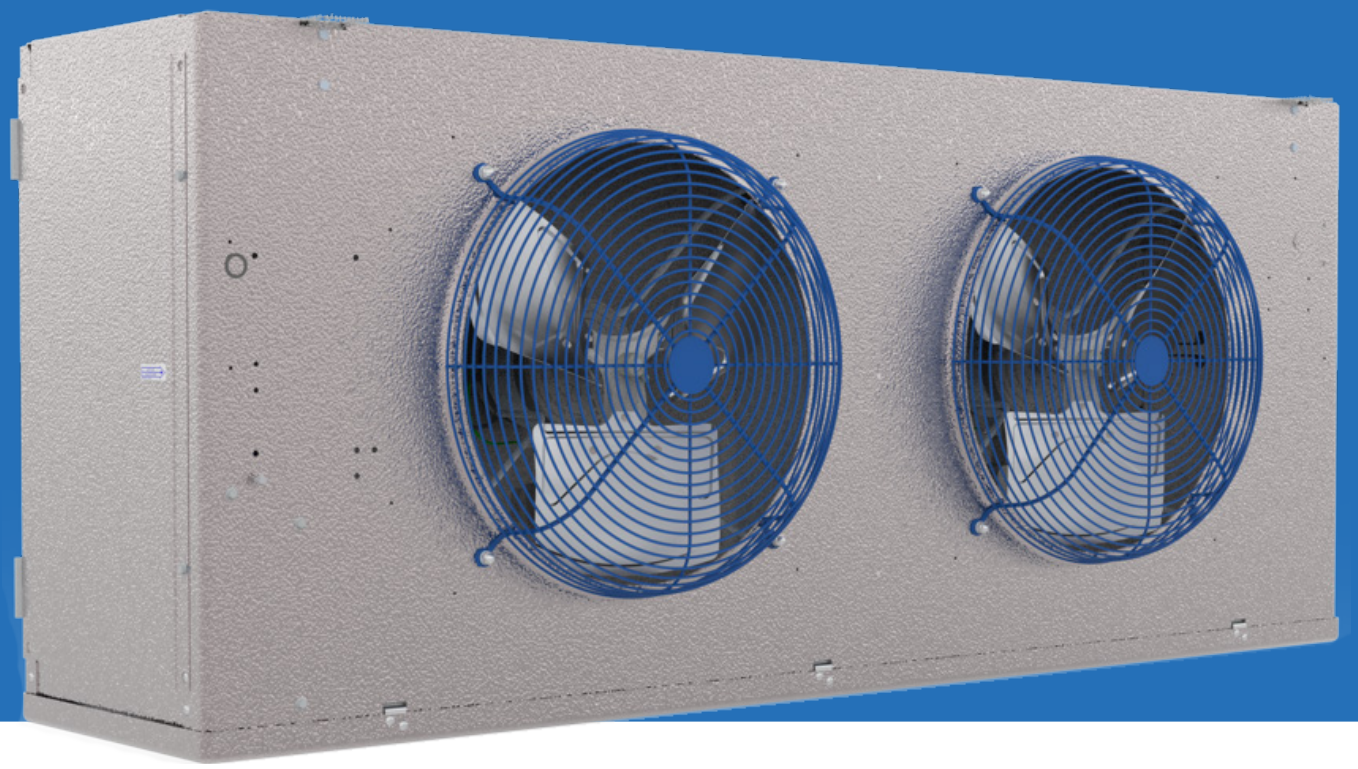
BN-MP | **OCTOBER 2026**
Replaces March 2026

MEDIUM PROFILE EVAPORATOR

Technical Guide

Including models meeting DOE minimum AWEF



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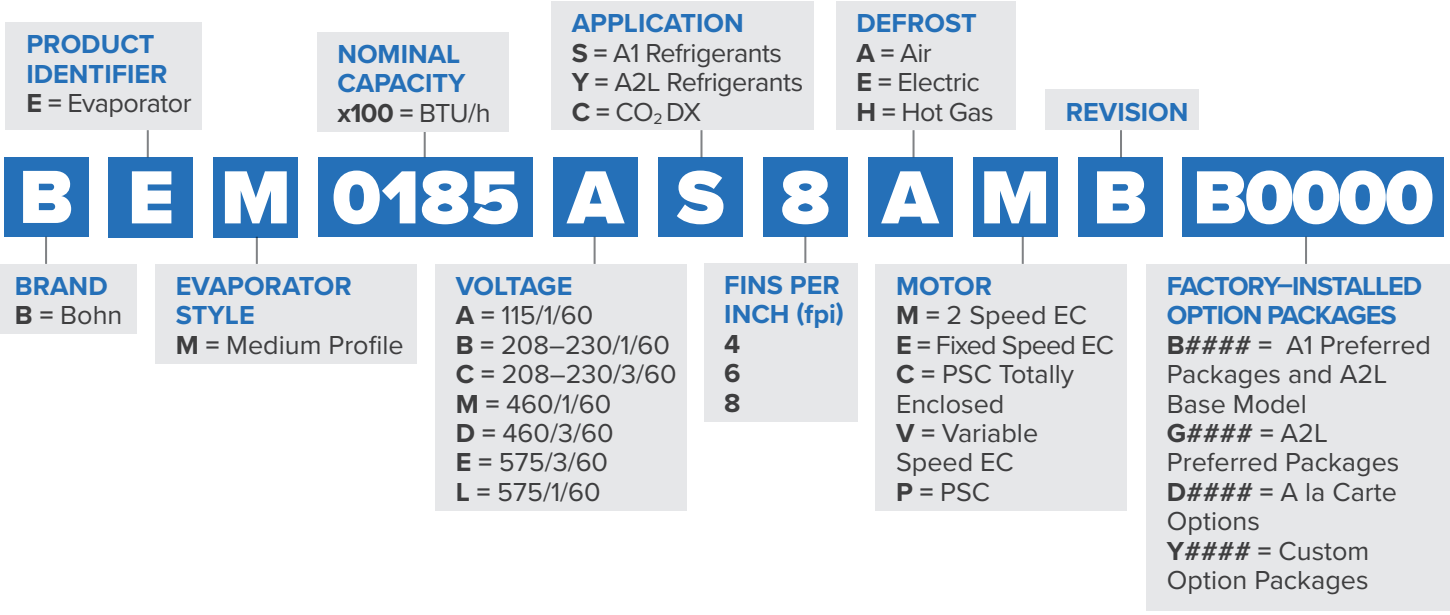
NOMENCLATURE



PREFERRED OPTION PACKAGES
(HFC Refrigerants)

Package	Description (standard base model features + indicated options below)
B0000	A2L/HFC Base Model
B0200	intelliGen Refrigeration Controller (R-404A/R-448A/R-449A)
B0201	intelliGen Refrigeration Controller (R-407A/R-407C/R-407F)
B0403	Mounted Components (TXV, Solenoid Valve, Electronic T'Stat – R-404A)
B0404	Mounted Components (TXV, Solenoid Valve, Electronic T'Stat – R-407A/C/F)
B0405	Mounted Components (TXV, Solenoid Valve, Electronic T'Stat – R-448A/R-449A)
G0000	Standard base with RDS
G0210	Standard base with RDS + intelliGen™ (R455A)
G0211	Standard base with RDS + intelliGen™ (R454C)
G0212	Standard base with RDS + intelliGen™ (R454A)
G0410	Standard base with RDS + Mounted TXV + Solenoid Valve + Electronic T'Stat (R455A)
G0411	Standard base with RDS + Mounted TXV + Solenoid Valve + Electronic T'Stat (R454C)
G0412	Standard base with RDS + Mounted TXV + Solenoid Valve + Electronic T'Stat (R454A)

PREFERRED OPTION PACKAGES
(CO_2 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

FEATURES & BENEFITS

CABINET

- Removable, hinged access panels
- Wire fan guards
- Schrader valve provided for suction pressure measurement
- External equalizer connection
- Heavy-gauge aluminum cabinet
- All electrical components factory wired to terminal board and identified, making it easy to field wire the unit
- Sweat connections to reduce potential for leaks
- Internal panels are isolated for quiet operation
- Liquid line solenoid wire harness is factory-installed for quick installation

DRAIN PAN

- Hinged drain pan for easy access
- Large diameter drain fitting (3/4" ID)
- Rear-draining fitting for space savings

COIL

- Patented Thermo-Flex™ coil design allows the coil to "flex" during periods of defrost resulting in expansion of the coil surface. By eliminating the possibility of wear at critical stress areas, the integrity and longevity of the unit are dramatically increased (Patent Number 5,584,340)
- Coil heater slots have been enlarged for easier replacement
- Electric defrost models have fixed defrost termination / fan delay and heater limit thermostats
- Reliable nickel steel alloy defrost heater elements
- Heaters are coil face mounted for easy access

MOTORS

- Motors plug into wiring harness for easier servicing
- 2-Speed EC motors standard for 115V, 208-230V, and 460V applications
- Thermally protected, lifetime-lubricated single phase PSC motors (optional)

CONTROLS OPTIONS

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

OTHER OPTIONS

- Totally enclosed single phase PSC motors available as an option for 208-230, 460, and some 575 voltage models.
- Factory installed mounted components are available in these configurations:
  - Pre-assembled units come with mounted TXV, liquid line solenoid valve and room thermostat
  - Mounted TXV
  - Mounted TXV and solenoid valve
  - Mounted room thermostat
- Most models available with glycol circuiting (see glycol product brochure)
- Units available with stainless steel housing and drain pan
- Units available with Bronze-Glow coil coating (air, electric and hot gas)
- Units available with copper fins (6 FPI models only)
- Air defrost units available with polyester coated fins or various coil coating options
- Units available with insulated drain pan
- Ship-loose air sock collar available
- Export crating

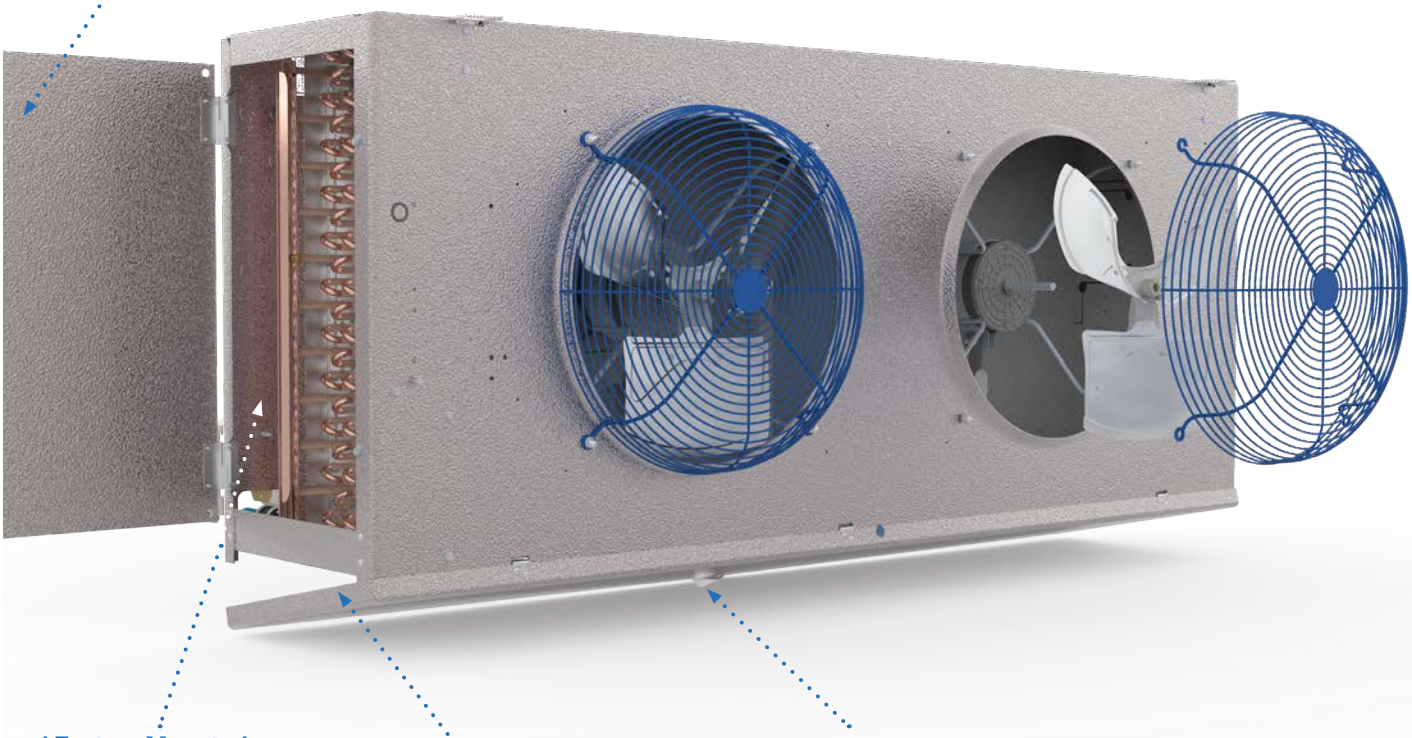
A2L FEATURES AND OPTIONS

- 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

FEATURES & BENEFITS

OUTSTANDING FEATURES

Hinged, Removable Access Panels allow for easy access



Optional Factory Mounted Components - Choose from intelliGen™ Refrigeration Controller, or traditional mechanical components.

Hinged Drain Pan improves access to service and clean the drain pan and coil

Angled Drain Fitting has been incorporated in the Medium Profile drain pan to provide additional space under the unit for shelving and product storage. This design feature helps to mitigate some of the height gain due to the new efficiency standards.

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

A2L PERFORMANCE DATA

Application Capacity: Air Defrost- 60 Hz (For EC and PSC Motors)

Please consult AWEF table on page 54 to confirm model meets DOE minimum AWEF

	R454A/R-454C/ R-455A			R-454A/R-454C/ R-455A			Fan Data		Air Throw		Minimum Room [2] Area (sq. ft.)		
	Application Capacity[1]			Application Capacity[1]									
	10°F TD/25°F SST			6°C TD/-4°C SST									
New Model	R454A	R454C	R455A	R454A	R454C	R455A	No. of Fans	CFM Data	Ft. Diffused (Opt.)	Ft. Extended (Std.)	R455A	R454C	R454A
BEM0185*Y8A^A	18,300	16,000	18,350	5,400	4,700	5,400	1	1,877	45	60	34	51	52
BEM0225*Y8A^A	18,650	17,250	20,150	5,500	5,100	5,900	1	1,877	45	60	34	51	52
BEM0405*Y8A^A	34,050	31,700	36,550	10,000	9,300	10,750	2	4,080	45	60	63	93	96
BEM0475*Y8A^A	40,000	37,250	42,950	11,750	10,950	12,600	2	4,080	45	60	63	93	96
BEM0575*Y8A^A	52,350	47,250	55,100	15,350	13,850	16,200	3	6,282	45	60	80	119	123
BEM0675*Y8A^A	61,500	55,500	64,750	18,050	16,300	19,000	3	6,282	45	60	80	119	123
BEM0775*Y8A^A	70,600	65,500	75,950	20,750	19,200	22,300	4	8,485	45	60	104	155	160
BEM0975*Y8A^A	82,950	76,950	89,200	24,350	22,600	26,200	4	8,485	45	60	105	155	161
BEM1115*Y8A^A	96,850	88,050	102,250	28,400	25,850	30,000	5	10,015	45	60	116	171	178

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

[2] = Room Area Minimum is calculated using 20 ft line length from the Safety Shut-off Valve (SSOV) to the unit cooler. For applications that require other line lengths, please contact a Heatcraft representative for Room Area Minimum re-calculation.

A1 PERFORMANCE DATA

Application Capacity: Air Defrost- 60 Hz (For EC and PSC Motors)

Please consult AWEF table on page 54 to confirm model meets DOE minimum AWEF

New Model	Legacy Model	R-404A/R-507A Application Capacity[1] 10°F TD/ 25°F SST BTUH	R-404A/R-507A Application Capacity[1] 6°C TD/ -4°C SST Watts	R-448A/R-449A Application Capacity[1] 10°F TD/ 25°F SST BTUH	R-448A/R-449A Application Capacity[1] 6°C TD/ -4°C SST Watts	Fan Data No. of Fans	Fan Data CFM	Fan Data m^3H	Air Throw Diameter in.	Air Throw Diameter mm	Air Throw Standard (Molded Fan Guard) ft.	Air Throw Standard (Molded Fan Guard) m	Air Throw Diffused (Wire Fan Guard) ft.	Air Throw Diffused (Wire Fan Guard) m
BEM0185*S8A^B	BMA130	13,000	3,800	18,350	5,400	1	1,900	3,228	18	457	60	18.5	45	14
BEM0225*S8A^B	BMA155	16,500	4,850	24,000	7,050	1	1,900	3,228	18	457	60	18.5	45	14
BEM0405*S8A^B	BMA245	24,500	7,200	35,000	10,250	2	4,100	6,966	18	457	60	18.5	45	14
BEM0475*S8A^B	BMA300	32,100	9,400	47,500	13,900	2	4,100	6,966	18	457	60	18.5	45	14
BEM0575*S8A^B	BMA365	36,500	10,700	57,500	16,850	3	6,300	10,704	18	457	60	18.5	45	14
BEM0675*S8A^B	BMA450	45,000	13,200	67,100	19,650	3	6,300	10,704	18	457	60	18.5	45	14
BEM0775*S8A^B	BMA510	51,000	14,950	77,100	22,600	4	8,500	14,442	18	457	60	18.5	45	14
BEM0975*S8A^B	BMA600	65,000	19,050	97,100	28,450	4	8,500	14,442	18	457	60	18.5	45	14
BEM1115*S8A^B	BMA710	74,150	21,750	111,215	32,600	5	10,000	16,990	18	457	60	18.5	45	14

New Model	Legacy Model	R-407A/R-407F Application Capacity[1] 10°F TD/ 25°F SST BTUH	R-407A/R-407F Application Capacity[1] 6°C TD/ -4°C SST Watts	R-407C Application Capacity[1] 10°F TD/ 25°F SST BTUH	R-407C Application Capacity[1] 6°C TD/ -4°C SST Watts	Fan Data No. of Fans	Fan Data CFM	Fan Data m^3H	Air Throw Diameter in.	Air Throw Diameter mm	Air Throw Standard (Molded Fan Guard) ft.	Air Throw Standard (Molded Fan Guard) m	Air Throw Diffused (Wire Fan Guard) ft.	Air Throw Diffused (Wire Fan Guard) m
BEM0185*S8A^B	BMA130	15,000	4,400	15,000	4,400	1	1,900	3,228	18	457	60	18.5	45	14
BEM0225*S8A^B	BMA155	20,000	5,850	20,000	5,850	1	1,900	3,228	18	457	60	18.5	45	14
BEM0405*S8A^B	BMA245	29,500	8,650	29,500	8,650	2	4,100	6,966	18	457	60	18.5	45	14
BEM0475*S8A^B	BMA300	37,900	11,100	37,900	11,100	2	4,100	6,966	18	457	60	18.5	45	14
BEM0575*S8A^B	BMA365	46,250	13,550	45,400	13,300	3	6,300	10,704	18	457	60	18.5	45	14
BEM0675*S8A^B	BMA450	53,750	15,750	52,500	15,400	3	6,300	10,704	18	457	60	18.5	45	14
BEM0775*S8A^B	BMA510	61,250	17,950	60,850	17,850	4	8,500	14,442	18	457	60	18.5	45	14
BEM0975*S8A^B	BMA600	77,100	22,600	77,100	22,600	4	8,500	14,442	18	457	60	18.5	45	14
BEM1115*S8A^B	BMA710	88,750	26,000	87,100	25,550	5	10,000	16,990	18	457	60	18.5	45	14

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

A1 PERFORMANCE DATA

Application Capacity: Air Defrost- 60 Hz (For EC and PSC Motors)

Please consult AWEF table on page 54 to confirm model meets DOE minimum AWEF

		CO_2 DX											
		Application Capacity[1]		Fan Data			Air Throw						
		10°F TD/ 25°F SST	6°C TD/ -4°C SST				Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)	
New Model	Legacy Model	BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m
BEM0185*C8A^A	BMAY130	15,000	4,400	1	1,900	3,228	18	457	60	18.5	45	14
BEM0225*C8A^A	BMAY155	20,000	5,850	1	1,900	3,228	18	457	60	18.5	45	14
BEM0405*C8A^A	BMAY245	29,500	8,650	2	4,100	6,966	18	457	60	18.5	45	14
BEM0475*C8A^A	BMAY300	37,900	11,100	2	4,100	6,966	18	457	60	18.5	45	14
BEM0575*C8A^A	BMAY365	46,250	13,550	3	6,300	10,704	18	457	60	18.5	45	14
BEM0675*C8A^A	BMAY450	53,750	15,750	3	6,300	10,704	18	457	60	18.5	45	14
BEM0775*C8A^A	BMAY510	61,250	17,950	4	8,500	14,442	18	457	60	18.5	45	14
BEM0975*C8A^A	BMAY600	77,100	22,600	4	8,500	14,442	18	457	60	18.5	45	14
BEM1115*C8A^A	BMAY710	88,750	26,000	5	10,000	16,990	18	457	60	18.5	45	14

Notes:

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

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^ = Motor Code Designator (see Nomenclature details)

Net Capacity is available upon request

A1 PERFORMANCE DATA

Application Capacity: Air Defrost- 50 Hz (For PSC Motors)†

Please consult AWEF table on page 54 to confirm model meets DOE minimum AWEF

		R-404A/R-507A		R-448A/R-449A										
		Application Capacity[1]		Application Capacity[1]		Fan Data			Air Throw					
		10°F TD/ 25°F SST	6°C TD/ -4°C SST	10°F TD/ 25°F SST	6°C TD/ -4°C SST				Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)	
New Model	Legacy Model	BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m
BEM0185*S8A^B	BMA130	11,950	3,550	16,900	4,950	1	1,710	2,905	18	457	55	17	40	13
BEM0225*S8A^B	BMA155	15,200	4,550	22,100	6,500	1	1,710	2,905	18	457	55	17	40	13
BEM0405*S8A^B	BMA245	22,550	6,600	32,200	9,450	2	3,690	6,269	18	457	55	17	40	13
BEM0475*S8A^B	BMA300	29,550	8,650	43,700	12,800	2	3,690	6,269	18	457	55	17	40	13
BEM0575*S8A^B	BMA365	33,600	9,850	52,900	15,500	3	5,670	9,633	18	457	55	17	40	13
BEM0675*S8A^B	BMA450	41,400	12,150	61,750	18,100	3	5,670	9,633	18	457	55	17	40	13
BEM0775*S8A^B	BMA510	46,900	13,750	70,950	20,800	4	7,650	12,997	18	457	55	17	40	13
BEM0975*S8A^B	BMA600	59,800	17,550	89,350	26,200	4	7,650	12,997	18	457	55	17	40	13
BEM1115*S8A^B	BMA710	68,200	20,000	102,300	30,000	5	9,000	15,291	18	457	55	17	40	13

		R-407A/R-407F		R-407C										
		Application Capacity[1]		Application Capacity[1]		Fan Data			Air Throw					
		10°F TD/ 25°F SST	6°C TD/ -4°C SST	10°F TD/ 25°F SST	6°C TD/ -4°C SST				Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)	
New Model	Legacy Model	BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m
BEM0185*S8A^B	BMA130	13,800	4,050	13,800	4,050	1	1,710	2,905	18	457	55	17	40	13
BEM0225*S8A^B	BMA155	18,400	5,400	18,400	5,400	1	1,710	2,905	18	457	55	17	40	13
BEM0405*S8A^B	BMA245	27,150	7,950	27,150	7,950	2	3,690	6,269	18	457	55	17	40	13
BEM0475*S8A^B	BMA300	34,850	10,200	34,850	10,200	2	3,690	6,269	18	457	55	17	40	13
BEM0575*S8A^B	BMA365	42,550	12,450	41,750	12,250	3	5,670	9,633	18	457	55	17	40	13
BEM0675*S8A^B	BMA450	49,450	14,500	48,300	14,150	3	5,670	9,633	18	457	55	17	40	13
BEM0775*S8A^B	BMA510	56,350	16,500	56,000	16,400	4	7,650	12,997	18	457	55	17	40	13
BEM0975*S8A^B	BMA600	70,950	20,800	70,950	20,800	4	7,650	12,997	18	457	55	17	40	13
BEM1115*S8A^B	BMA710	81,650	23,950	80,150	23,500	5	9,000	15,291	18	457	55	17	40	13

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)

† = For single 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)

Net Capacity is available upon request

A1 PERFORMANCE DATA

Application Capacity: Air Defrost- 50 Hz (For PSC Motors)†

Please consult AWEF table on page 54 to confirm model meets DOE minimum AWEF

		CO_2 DX											
		Application Capacity[1]		Fan Data			Air Throw						
		10°F TD/ 25°F SST	6°C TD/ -4°C SST				Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)	
New Model	Legacy Model	BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m
BEM0185*C8A^A	BMAY130	13,800	4,050	1	1,710	2,905	18	457	55	17	40	13
BEM0225*C8A^A	BMAY155	18,400	5,400	1	1,710	2,905	18	457	55	17	40	13
BEM0405*C8A^A	BMAY245	27,150	7,950	2	3,690	6,269	18	457	55	17	40	13
BEM0475*C8A^A	BMAY300	34,850	10,200	2	3,690	6,269	18	457	55	17	40	13
BEM0575*C8A^A	BMAY365	42,550	12,450	3	5,670	9,633	18	457	55	17	40	13
BEM0675*C8A^A	BMAY450	49,450	14,500	3	5,670	9,633	18	457	55	17	40	13
BEM0775*C8A^A	BMAY510	56,350	16,500	4	7,650	12,997	18	457	55	17	40	13
BEM0975*C8A^A	BMAY600	70,950	20,800	4	7,650	12,997	18	457	55	17	40	13
BEM1115*C8A^A	BMAY710	81,650	23,950	5	9,000	15,291	18	457	55	17	40	13

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)

† = For single 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)

Net Capacity is available upon request

A2L SPECIFICATIONS

Air Defrost- 60 Hz

Please consult AWEF table on page 54 to confirm model meets DOE minimum AWEF

	EC Motors (includes 2-Speed, Fixed Speed and VSEC)					EC Motors (includes 2-Speed, Fixed Speed and VSEC)					EC Motors (includes 2-Speed, Fixed Speed)				
	115/1/60					208-230/1/60					460/1/60				
New Model	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD
BEM0185*Y8A^A	1/4	3.5	209	20	15	1/4	1.7	213	20	15	1/3	1.6	191	15	15
BEM0225*Y8A^A	1/4	3.5	209	15	20	1/4	1.7	213	15	20	1/3	1.6	191	15	15
BEM0405*Y8A^A	1/4	7.0	419	15	20	1/4	3.5	426	15	20	1/3	3.2	382	15	15
BEM0475*Y8A^A	1/4	7.0	419	15	20	1/4	3.5	426	15	20	1/3	3.2	382	15	15
BEM0575*Y8A^A	1/4	10.4	628	15	20	1/4	5.2	638	15	20	1/3	4.8	573	15	15
BEM0675*Y8A^A	1/4	10.4	628	15	20	1/4	5.2	638	15	20	1/3	4.8	573	15	15
BEM0775*Y8A^A	1/4	13.9	838	20	25	1/4	7.0	851	15	20	1/3	6.4	764	15	15
BEM0975*Y8A^A	1/4	13.9	838	20	25	1/4	7.0	851	15	20	1/3	6.4	764	15	15
BEM1115*Y8A^A	-	-	-	-	-	1/4	8.7	1,064	15	20	1/3	8.0	955	15	15

	PSC Motors (includes Standard and Totally Enclosed)														
	115/1/60					208-230/1/60					460/1/60				
New Model	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD
BEM0185*Y8A^A	1/4	4.0	300	20	15	1/4	1.8	305	20	15	1/4	1.0	305	15	15
BEM0225*Y8A^A	1/4	4.0	300	15	20	1/4	1.8	305	15	20	1/4	1.0	305	15	15
BEM0405*Y8A^A	1/4	8.0	600	15	20	1/4	3.6	610	15	20	1/4	2.0	610	15	15
BEM0475*Y8A^A	1/4	8.0	600	15	20	1/4	3.6	610	15	20	1/4	2.0	610	15	15
BEM0575*Y8A^A	1/4	12.0	900	15	20	1/4	5.4	915	15	20	1/4	3.0	915	15	15
BEM0675*Y8A^A	1/4	12.0	900	15	20	1/4	5.4	915	15	20	1/4	3.0	915	15	15
BEM0775*Y8A^A	1/4	16.0	1,200	20	25	1/4	7.2	1,220	15	20	1/4	4.0	1,220	15	15
BEM0975*Y8A^A	1/4	16.0	1,200	20	25	1/4	7.2	1,220	15	20	1/4	4.0	1,220	15	15
BEM1115*Y8A^A	-	-	-	-	-	1/4	9.0	1,525	15	20	1/4	5.0	1,525	15	15

Notes:

* = Electrical Code Designator (see Nomenclature details)

^ = Motor Code Designator (see Nomenclature details)

A1 SPECIFICATIONS

Air Defrost- 60 Hz

Please consult AWEF table on page 54 to confirm model meets DOE minimum AWEF

	EC Motors (includes 2-Speed, Fixed Speed and VSEC)					EC Motors (includes 2-Speed, Fixed Speed and VSEC)					EC Motors (includes 2-Speed, Fixed Speed)				
	115/1/60					208-230/1/60					460/1/60				
New Model	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD
BEM0185*S8A^B	1/4	3.5	209	20	15	1/4	1.7	213	20	15	1/3	1.6	191	15	15
BEM0225*S8A^B	1/4	3.5	209	15	20	1/4	1.7	213	15	20	1/3	1.6	191	15	15
BEM0405*S8A^B	1/4	7.0	419	15	20	1/4	3.5	426	15	20	1/3	3.2	382	15	15
BEM0475*S8A^B	1/4	7.0	419	15	20	1/4	3.5	426	15	20	1/3	3.2	382	15	15
BEM0575*S8A^B	1/4	10.4	628	15	20	1/4	5.2	638	15	20	1/3	4.8	573	15	15
BEM0675*S8A^B	1/4	10.4	628	15	20	1/4	5.2	638	15	20	1/3	4.8	573	15	15
BEM0775*S8A^B	1/4	13.9	838	20	25	1/4	7.0	851	15	20	1/3	6.4	764	15	15
BEM0975*S8A^B	1/4	13.9	838	20	25	1/4	7.0	851	15	20	1/3	6.4	764	15	15
BEM1115*S8A^B	-	-	-	-	-	1/4	8.7	1,064	15	20	1/3	8.0	955	15	15

	EC Motors (includes 2-Speed, Fixed Speed and VSEC)					EC Motors (includes 2-Speed, Fixed Speed and VSEC)					EC Motors (includes 2-Speed, Fixed Speed)				
	115/1/60					208-230/1/60					460/1/60				
New Model	HP	Amps	Watts	MCA	MOPD	Amps	Watts	MCA	MOPD		Amps	Watts	MCA	MOPD	
BEM0185*C8A^A	1/4	3.5	208	15	20	1.7	208	15	20		1.6	191	15	15	
BEM0225*C8A^A	1/4	3.5	208	15	20	1.7	208	15	20		1.6	191	15	15	
BEM0405*C8A^A	1/4	7.0	417	15	20	3.5	417	15	20		3.2	382	15	15	
BEM0475*C8A^A	1/4	7.0	417	15	20	3.5	417	15	20		3.2	382	15	15	
BEM0575*C8A^A	1/4	10.4	625	15	20	5.2	625	15	20		4.8	573	15	15	
BEM0675*C8A^A	1/4	10.4	625	15	20	5.2	625	15	20		4.8	573	15	15	
BEM0775*C8A^A	1/4	13.9	834	20	25	7.0	834	15	20		6.4	764	15	15	
BEM0975*C8A^A	1/4	13.9	834	20	25	7.0	834	15	20		6.4	764	15	15	
BEM1115*C8A^A	1/4	-	-	-	-	8.7	1,042	15	20		8.0	955	15	15	

Notes:

* = Electrical Code Designator (see Nomenclature details)
^ = Motor Code Designator (see Nomenclature details)

A1 SPECIFICATIONS

Air Defrost- 60 Hz

Please consult AWEF table on page 54 to confirm model meets DOE minimum AWEF

	PSC Motors (includes Standard and Totally Enclosed)														
	115/1/60					208-230/1/60					460/1/60				
New Model	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD
BEM0185*S8A^B	1/4	4.0	300	20	15	1/4	1.8	305	20	15	1/4	1.0	305	15	15
BEM0225*S8A^B	1/4	4.0	300	15	20	1/4	1.8	305	15	20	1/4	1.0	305	15	15
BEM0405*S8A^B	1/4	8.0	600	15	20	1/4	3.6	610	15	20	1/4	2.0	610	15	15
BEM0475*S8A^B	1/4	8.0	600	15	20	1/4	3.6	610	15	20	1/4	2.0	610	15	15
BEM0575*S8A^B	1/4	12.0	900	15	20	1/4	5.4	915	15	20	1/4	3.0	915	15	15
BEM0675*S8A^B	1/4	12.0	900	15	20	1/4	5.4	915	15	20	1/4	3.0	915	15	15
BEM0775*S8A^B	1/4	16.0	1,200	20	25	1/4	7.2	1,220	15	20	1/4	4.0	1,220	15	15
BEM0975*S8A^B	1/4	16.0	1,200	20	25	1/4	7.2	1,220	15	20	1/4	4.0	1,220	15	15
BEM1115*S8A^B	-	-	-	-	-	1/4	9.0	1,525	15	20	1/4	5.0	1,525	15	15

	PSC Motors (includes Standard and Totally Enclosed)													
	115/1/60					208-230/1/60					460/1/60			
New Model	HP	Amps	Watts	MCA	MOPD	Amps	Watts	MCA	MOPD	Amps	Watts	MCA	MOPD
BEM0185*C8A^A	1/4	4.0	300	20	15	1.8	305	20	15	1.0	305	15	15
BEM0225*C8A^A	1/4	4.0	300	15	20	1.8	305	15	20	1.0	305	15	15
BEM0405*C8A^A	1/4	8.0	600	15	20	3.6	610	15	20	2.0	610	15	15
BEM0475*C8A^A	1/4	8.0	600	15	20	3.6	610	15	20	2.0	610	15	15
BEM0575*C8A^A	1/4	12.0	900	15	20	5.4	915	15	20	3.0	915	15	15
BEM0675*C8A^A	1/4	12.0	900	15	20	5.4	915	15	20	3.0	915	15	15
BEM0775*C8A^A	1/4	16.0	1,200	20	25	7.2	1,220	15	20	4.0	1,220	15	15
BEM0975*C8A^A	1/4	16.0	1,200	20	25	7.2	1,220	15	20	4.0	1,220	15	15
BEM1115*C8A^A	-	-	-	-	-	9.0	1,525	15	20	5.0	1,525	15	15

Notes:

* = Electrical Code Designator (see Nomenclature details)

^ = Motor Code Designator (see Nomenclature details)

A1 SPECIFICATIONS

Air Defrost- 50 Hz

Please consult AWEF table on page 54 to confirm model meets DOE minimum AWEF

		EC Motors (includes 2-Speed, Fixed Speed and VSEC)							
		110/1/50				220/1/50			
New Model	HP	Amps	Watts	MCA	MOPD	Amps	Watts	MCA	MOPD
BEM0185*S8A^B	1/4	3.5	208	15	20	1.7	208	15	20
BEM0225*S8A^B	1/4	3.5	208	15	20	1.7	208	15	20
BEM0405*S8A^B	1/4	7.0	417	15	20	3.5	417	15	20
BEM0475*S8A^B	1/4	7.0	417	15	20	3.5	417	15	20
BEM0575*S8A^B	1/4	10.4	625	15	20	5.2	625	15	20
BEM0675*S8A^B	1/4	10.4	625	15	20	5.2	625	15	20
BEM0775*S8A^B	1/4	13.9	834	20	25	7.0	834	15	20
BEM0975*S8A^B	1/4	13.9	834	20	25	7.0	834	15	20
BEM1115*S8A^B	1/4	-	-	-	-	8.7	1,042	15	20

		EC Motors (includes 2-Speed, Fixed Speed and VSEC)							
		110/1/50				220/1/50			
New Model	HP	Amps	Watts	MCA	MOPD	Amps	Watts	MCA	MOPD
BEM0185*C8A^A	1/4	3.5	208	15	20	1.7	208	15	20
BEM0225*C8A^A	1/4	3.5	208	15	20	1.7	208	15	20
BEM0405*C8A^A	1/4	7.0	417	15	20	3.5	417	15	20
BEM0475*C8A^A	1/4	7.0	417	15	20	3.5	417	15	20
BEM0575*C8A^A	1/4	10.4	625	15	20	5.2	625	15	20
BEM0675*C8A^A	1/4	10.4	625	15	20	5.2	625	15	20
BEM0775*C8A^A	1/4	13.9	834	20	25	7.0	834	15	20
BEM0975*C8A^A	1/4	13.9	834	20	25	7.0	834	15	20
BEM1115*C8A^A	1/4	-	-	-	-	8.7	1,042	15	20

Notes:

* = Electrical Code Designator (see Nomenclature details)

^ = Motor Code Designator (see Nomenclature details)

A1 SPECIFICATIONS

Air Defrost- 50 Hz

Please consult AWEF table on page 54 to confirm model meets DOE minimum AWEF

		PSC Motors (includes Standard and Totally Enclosed)							
		110/1/50				220/1/50			
New Model	HP	Amps	Watts	MCA	MOPD	Amps	Watts	MCA	MOPD
BEM0185*S8A^B	1/4	4.0	300	15	20	1.8	305	15	20
BEM0225*S8A^B	1/4	4.0	300	15	20	1.8	305	15	20
BEM0405*S8A^B	1/4	8.0	600	15	20	3.6	610	15	20
BEM0475*S8A^B	1/4	8.0	600	15	20	3.6	610	15	20
BEM0575*S8A^B	1/4	12.0	900	15	20	5.4	915	15	20
BEM0675*S8A^B	1/4	12.0	900	15	20	5.4	915	15	20
BEM0775*S8A^B	1/4	16.0	1,200	20	25	7.2	1,220	15	20
BEM0975*S8A^B	1/4	16.0	1,200	20	25	7.2	1,220	15	20
BEM1115*S8A^B	1/4	-	-	-	-	9.0	1,525	15	20

		PSC Motors (includes Standard and Totally Enclosed)							
		110/1/50				220/1/50			
New Model	HP	Amps	Watts	MCA	MOPD	Amps	Watts	MCA	MOPD
BEM0185*C8A^A	1/4	4.0	300	15	20	1.8	305	15	20
BEM0225*C8A^A	1/4	4.0	300	15	20	1.8	305	15	20
BEM0405*C8A^A	1/4	8.0	600	15	20	3.6	610	15	20
BEM0475*C8A^A	1/4	8.0	600	15	20	3.6	610	15	20
BEM0575*C8A^A	1/4	12.0	900	15	20	5.4	915	15	20
BEM0675*C8A^A	1/4	12.0	900	15	20	5.4	915	15	20
BEM0775*C8A^A	1/4	16.0	1,200	20	25	7.2	1,220	15	20
BEM0975*C8A^A	1/4	16.0	1,200	20	25	7.2	1,220	15	20
BEM1115*C8A^A	1/4	-	-	-	-	9.0	1,525	15	20

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

A2L PERFORMANCE DATA

Application Capacity: Low Temperature Electric Defrost- 60 Hz (For EC & PSC Motors)

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) if using Saturated Suction Temperatures different than listed in the information below

	R454A/R-454C/ R-455A			R-454A/R-454C/ R-455A									
	Application Capacity[1]			Application Capacity[1]			Fan Data		Air Throw		Minimum Room [2] Area (sq. ft.)		
	10°F TD/-20°F SST			6°C TD/-4°C SST									
New Model	R454A	R454C	R455A	R454A	R454C	R455A	No. of Fans	CFM Data	Ft. Diffused (Opt.)	Ft. Extended (Std.)	R455A	R454C	R454A
BEM0125*Y4E^A	11,550	9,800	11,000	3,400	2,900	3,250	1	2,245	45	60	40	59	61
BEM0125*Y6E^A	11,250	9,800	11,300	3,300	2,900	3,350	1	2,260	45	60	35	52	54
BEM0135*Y6E^A	13,100	10,700	12,100	3,850	3,150	3,550	1	2,172	45	60	40	59	61
BEM0225*Y4E^A	20,700	18,000	20,300	6,100	5,300	5,950	2	4,731	45	60	80	120	124
BEM0250*Y4E^A	24,350	21,200	24,000	7,150	6,250	7,050	2	4,490	45	60	117	175	181
BEM0250*Y6E^A	23,850	20,350	23,000	7,000	6,000	6,750	2	4,538	45	60	80	120	124
BEM0300*Y6E^A	27,850	23,800	27,100	8,200	7,000	7,950	2	4,345	45	60	117	175	181
BEM0325*Y4E^A	30,350	26,450	29,750	8,900	7,800	8,750	3	7,096	45	60	124	185	192
BEM0370*Y6E^A	34,950	29,900	33,700	10,250	8,800	9,900	3	6,807	45	60	124	185	192
BEM0420*Y4E^A	38,650	34,200	38,450	11,350	10,050	11,300	3	6,734	45	60	141	211	218
BEM0475*Y6E^A	44,550	38,400	43,600	13,100	11,250	12,800	3	6,517	45	60	141	211	218
BEM0490*Y4E^A	42,800	38,000	42,900	12,550	11,150	12,600	4	8,786	45	60	184	274	283
BEM0595*Y6E^A	52,500	45,500	51,750	15,400	13,350	15,200	4	8,496	45	60	184	274	284
BEM0620*Y4E^A	54,000	48,500	54,800	15,850	14,250	16,100	4	8,400	45	60	188	279	288
BEM0720*Y4E^A	63,400	56,150	63,450	18,600	16,500	18,600	5	9,993	45	60	207	308	319
BEM0735*Y6E^A	64,950	57,350	64,950	19,050	16,850	19,050	4	8,110	45	60	188	279	288
BEM0850*Y6E^A	76,100	66,000	74,450	22,350	19,350	21,850	5	9,655	45	60	206	306	317

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

[2] = Room Area Minimum is calculated using 20 ft line length from the Safety Shut-off Valve (SSOV) to the unit cooler. For applications that require other line lengths, please contact a Heatcraft representative for Room Area Minimum re-calculation.

A1 PERFORMANCE DATA

Application Capacity: Low Temperature Electric Defrost- 60 Hz (For EC & PSC Motors)

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) 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			Air Throw						
			10°F TD/ -20°F SST	6°C TD/ -29°C SST	10°F TD/ -20°F SST	6°C TD/ -29°C SST				Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)	
FPI	New Model	Legacy Model	BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m
6	BEM0125*S6E^A	BME101	10,100	2,950	12,500	3,650	1	2,250	3,823	18	457	60	18.5	45	14
6	BEM0135*S6E^A	BME140	14,000	4,100	17,000	5,000	1	2,150	3,653	18	457	60	18.5	45	14
6	BEM0250*S6E^A	BME190	19,600	5,750	25,000	7,350	2	4,450	7,731	18	457	60	18.5	45	14
6	BEM0300*S6E^A	BME260	26,000	7,600	29,600	8,650	2	4,350	7,391	18	457	60	18.5	45	14
6	BEM0370*S6E^A	BME310	31,000	9,100	36,650	10,750	3	6,800	11,553	18	457	60	18.5	45	14
6	BEM0475*S6E^A	BME390	39,000	11,450	47,100	13,800	3	6,500	11,044	18	457	60	18.5	45	14
6	BEM0595*S6E^A	BME430	43,750	12,800	59,150	17,350	4	8,500	14,442	18	457	60	18.5	45	14
6	BEM0735*S6E^A	BME520	53,750	15,750	73,350	21,500	4	8,100	13,762	18	457	60	18.5	45	14
6	BEM0850*S6E^A	BME620	62,000	18,150	84,600	24,800	5	9,650	16,395	18	457	60	18.5	45	14
4	BEM0125*S4E^A	BML100	10,000	2,950	14,000	4,100	1	2,250	3,823	18	457	60	18.5	45	14
4	BEM0225*S4E^A	BML165	17,100	5,000	21,500	6,300	2	4,750	8,070	18	457	60	18.5	45	14
4	BEM0250*S4E^A	BML220	22,000	6,450	25,500	7,450	2	4,550	7,731	18	457	60	18.5	45	14
4	BEM0325*S4E^A	BML250	25,000	7,350	32,500	7,500	3	7,100	12,063	18	457	60	18.5	45	14
4	BEM0420*S4E^A	BML330	33,000	9,650	41,650	12,200	3	6,750	11,468	18	457	60	18.5	45	14
4	BEM0490*S4E^A	BML370	37,000	10,850	48,750	14,300	4	8,800	14,951	18	457	60	18.5	45	14
4	BEM0620*S4E^A	BML440	45,400	13,300	61,650	10,850	4	8,400	14,272	18	457	60	18.5	45	14
4	BEM0720*S4E^A	BML530	53,000	15,550	71,250	20,900	5	10,000	16,990	18	457	60	18.5	45	14

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

A1 PERFORMANCE DATA

Application Capacity: Low Temperature Electric Defrost- 60 Hz (For EC & PSC Motors)

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) if using Saturated Suction Temperatures different than listed in the information below

			R-407A/R-407F		R-407C											
			Application Capacity[1]		Application Capacity[1]		Fan Data			Air Throw					
			10°F TD/ -20°F SST	6°C TD/ -29°C SST	10°F TD/ -20°F SST	6°C TD/ -29°C SST				Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)	
FPI	New Model	Legacy Model	BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m
6	BEM0125*S6E^A	BME101	11,200	3,300	11,200	3,300	1	2,250	3,823	18	457	60	18.5	45	14
6	BEM0135*S6E^A	BME140	16,000	4,700	15,000	4,400	1	2,150	3,653	18	457	60	18.5	45	14
6	BEM0250*S6E^A	BME190	21,650	6,350	20,500	6,000	2	4,450	7,731	18	457	60	18.5	45	14
6	BEM0300*S6E^A	BME260	28,500	8,350	28,500	8,350	2	4,350	7,391	18	457	60	18.5	45	14
6	BEM0370*S6E^A	BME310	34,000	9,950	34,000	9,950	3	6,800	11,553	18	457	60	18.5	45	14
6	BEM0475*S6E^A	BME390	43,000	12,600	43,000	12,600	3	6,500	11,044	18	457	60	18.5	45	14
6	BEM0595*S6E^A	BME430	49,150	14,400	46,500	13,650	4	8,500	14,442	18	457	60	18.5	45	14
6	BEM0735*S6E^A	BME520	61,250	17,950	57,000	16,700	4	8,100	13,762	18	457	60	18.5	45	14
6	BEM0850*S6E^A	BME620	71,520	20,950	68,000	19,950	5	9,650	16,395	18	457	60	18.5	45	14
4	BEM0125*S4E^A	BML100	12,500	3,650	12,000	3,500	1	2,250	3,823	18	457	60	18.5	45	14
4	BEM0225*S4E^A	BML165	18,750	5,500	18,750	5,500	2	4,750	8,070	18	457	60	18.5	45	14
4	BEM0250*S4E^A	BML220	24,000	7,050	24,000	7,050	2	4,550	7,731	18	457	60	18.5	45	14
4	BEM0325*S4E^A	BML250	27,900	8,200	27,000	7,900	3	7,100	12,063	18	457	60	18.5	45	14
4	BEM0420*S4E^A	BML330	36,500	10,700	36,500	10,700	3	6,750	11,468	18	457	60	18.5	45	14
4	BEM0490*S4E^A	BML370	40,500	11,850	40,000	11,700	4	8,800	14,951	18	457	60	18.5	45	14
4	BEM0620*S4E^A	BML440	51,250	15,000	48,500	14,200	4	8,400	14,272	18	457	60	18.5	45	14
4	BEM0720*S4E^A	BML530	59,600	17,450	58,000	17,000	5	10,000	16,990	18	457	60	18.5	45	14

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

CO_2 PERFORMANCE DATA

Application Capacity: Low Temperature Electric Defrost- 60 Hz (For EC & PSC Motors)

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) if using Saturated Suction Temperatures different than listed in the information below

			CO_2 DX					Air Throw					
			Application Capacity[1]		Fan Data			Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)	
FPI	New Model	Legacy Model	10°F TD/ -20°F SST	6°C TD/ -29°C SST	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m
			BTUH	Watts									
6	BEM0125*C6E^A	BMEC101	11,200	3,300	1	2,250	3,823	18	457	60	18.5	45	14
6	BEM0135*C6E^A	BMEC140	16,000	4,700	1	2,150	3,653	18	457	60	18.5	45	14
6	BEM0250*C6E^A	BMEC190	21,650	6,350	2	4,450	7,731	18	457	60	18.5	45	14
6	BEM0300*C6E^A	BMEC260	28,500	8,350	2	4,350	7,391	18	457	60	18.5	45	14
6	BEM0370*C6E^A	BMEC310	34,000	9,950	3	6,800	11,553	18	457	60	18.5	45	14
6	BEM0475*C6E^A	BMEC390	43,000	12,600	3	6,500	11,044	18	457	60	18.5	45	14
6	BEM0595*C6E^A	BMEC430	49,150	14,400	4	8,500	14,442	18	457	60	18.5	45	14
6	BEM0735*C6E^A	BMEC520	61,250	17,950	4	8,100	13,762	18	457	60	18.5	45	14
6	BEM0850*C6E^A	BMEC620	71,520	20,950	5	9,650	16,395	18	457	60	18.5	45	14
4	BEM0125*C4E^A	BMLC100	12,500	3,650	1	2,250	3,823	18	457	60	18.5	45	14
4	BEM0225*C4E^A	BMLC165	18,750	5,500	2	4,750	8,070	18	457	60	18.5	45	14
4	BEM0250*C4E^A	BMLC220	24,000	7,050	2	4,550	7,731	18	457	60	18.5	45	14
4	BEM0325*C4E^A	BMLC250	27,900	8,200	3	7,100	12,063	18	457	60	18.5	45	14
4	BEM0420*C4E^A	BMLC330	36,500	10,700	3	6,750	11,468	18	457	60	18.5	45	14
4	BEM0490*C4E^A	BMLC370	40,500	11,850	4	8,800	14,951	18	457	60	18.5	45	14
4	BEM0620*C4E^A	BMLC440	51,250	15,000	4	8,400	14,272	18	457	60	18.5	45	14
4	BEM0720*C4E^A	BMLC530	59,600	17,450	5	10,000	16,990	18	457	60	18.5	45	14

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

A1 PERFORMANCE DATA

Application Capacity: Low Temperature Electric Defrost- 50 Hz (For PSC Motors)†

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) 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			Air Throw						
			10°F TD/ -20°F SST	6°C TD/ -29°C SST	10°F TD/ -20°F SST	6°C TD/ -29°C SST				Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)		
FPI	New Model	Legacy Model	BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m	
6	BEM0125*S6E^A	BME101	9,300	2,750	11,500	3,350	1	2,025	3,440	18	457	55	17	40	13	
6	BEM0135*S6E^A	BME140	12,900	3,800	15,650	4,600	1	1,935	3,288	18	457	55	17	40	13	
6	BEM0250*S6E^A	BME190	10,850	5,300	23,000	6,750	2	4,095	6,957	18	457	55	17	40	13	
6	BEM0300*S6E^A	BME260	23,900	7,000	27,250	8,000	2	3,915	6,652	18	457	55	17	40	13	
6	BEM0370*S6E^A	BME310	28,500	8,350	33,700	9,900	3	6,120	10,398	18	457	55	17	40	13	
6	BEM0475*S6E^A	BME390	35,900	10,500	43,350	12,700	3	5,850	9,939	18	457	55	17	40	13	
6	BEM0595*S6E^A	BME430	40,250	11,800	54,400	15,950	4	7,650	12,997	18	457	55	17	40	13	
6	BEM0735*S6E^A	BME520	49,450	14,500	67,500	19,800	4	7,290	12,386	18	457	55	17	40	13	
6	BEM0850*S6E^A	BME620	57,050	16,700	77,850	22,800	5	8,685	14,756	18	457	55	17	40	13	
4	BEM0125*S4E^A	BML100	9,200	2,700	12,900	3,800	1	2,025	3,440	18	457	55	17	40	13	
4	BEM0225*S4E^A	BML165	15,750	4,600	19,800	5,800	2	4,275	7,263	18	457	55	17	40	13	
4	BEM0250*S4E^A	BML220	20,250	5,950	23,450	6,850	2	4,095	6,957	18	457	55	17	40	13	
4	BEM0325*S4E^A	BML250	23,000	6,750	29,900	8,750	3	6,390	10,857	18	457	55	17	40	13	
4	BEM0420*S4E^A	BML330	30,350	8,900	38,300	11,200	3	6,075	10,312	18	457	55	17	40	13	
4	BEM0490*S4E^A	BML370	34,050	10,000	44,850	13,150	4	7,920	13,456	18	457	55	17	40	13	
4	BEM0620*S4E^A	BML440	41,750	12,250	56,700	16,600	4	7,560	12,845	18	457	55	17	40	13	
4	BEM0720*S4E^A	BML530	48,750	14,300	65,550	19,200	5	9,000	15,291	18	457	55	17	40	13	

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)

† = For single 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)

Net Capacity is available upon request

A1 PERFORMANCE DATA

Application Capacity: Low Temperature Electric Defrost- 50 Hz (For PSC Motors)†

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) if using Saturated Suction Temperatures different than listed in the information below

			R-407A/R-407F		R-407C											
			Application Capacity[1]		Application Capacity[1]		Fan Data			Air Throw						
			10°F TD/ -20°F SST	6°C TD/ -29°C SST	10°F TD/ -20°F SST	6°C TD/ -29°C SST				Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)	
FPI	New Model	Legacy Model	BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m
6	BEM0125*S6E^A	BME101	10,300	3,000	10,300	3,000	1	2,025	3,440	18	457	55	17	40	13
6	BEM0135*S6E^A	BME140	14,700	4,300	13,800	4,050	1	1,935	3,288	18	457	55	17	40	13
6	BEM0250*S6E^A	BME190	19,900	5,850	18,850	5,500	2	4,095	6,957	18	457	55	17	40	13
6	BEM0300*S6E^A	BME260	26,200	7,700	26,200	7,700	2	3,915	6,652	18	457	55	17	40	13
6	BEM0370*S6E^A	BME310	31,300	9,150	31,300	9,150	3	6,120	10,398	18	457	55	17	40	13
6	BEM0475*S6E^A	BME390	39,550	11,600	39,550	11,600	3	5,850	9,939	18	457	55	17	40	13
6	BEM0595*S6E^A	BME430	45,200	13,250	42,800	12,550	4	7,650	12,997	18	457	55	17	40	13
6	BEM0735*S6E^A	BME520	56,350	16,500	52,450	15,350	4	7,290	12,386	18	457	55	17	40	13
6	BEM0850*S6E^A	BME620	65,800	19,300	62,550	18,350	5	8,685	14,756	18	457	55	17	40	13
4	BEM0125*S4E^A	BML100	11,500	3,350	11,050	3,250	1	2,025	3,440	18	457	55	17	40	13
4	BEM0225*S4E^A	BML165	17,250	5,050	17,250	5,050	2	4,275	7,263	18	457	55	17	40	13
4	BEM0250*S4E^A	BML220	22,100	6,500	22,100	6,500	2	4,095	6,957	18	457	55	17	40	13
4	BEM0325*S4E^A	BML250	25,650	7,500	24,850	7,300	3	6,390	10,857	18	457	55	17	40	13
4	BEM0420*S4E^A	BML330	33,600	9,850	33,600	9,850	3	6,075	10,312	18	457	55	17	40	13
4	BEM0490*S4E^A	BML370	37,250	10,900	36,800	10,800	4	7,920	13,456	18	457	55	17	40	13
4	BEM0620*S4E^A	BML440	47,150	13,800	44,600	13,050	4	7,560	12,845	18	457	55	17	40	13
4	BEM0720*S4E^A	BML530	54,850	16,050	53,350	15,650	5	9,000	15,291	18	457	55	17	40	13

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)

† = For single 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)

Net Capacity is available upon request

CO_2 PERFORMANCE DATA

Application Capacity: Low Temperature Electric Defrost- 50 Hz (For PSC Motors)†

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) if using Saturated Suction Temperatures different than listed in the information below

			CO_2 DX					Air Throw					
			Application Capacity[1]		Fan Data			Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)	
FPI	New Model	Legacy Model	10°F TD/ -20°F SST	6°C TD/ -29°C SST	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m
			BTUH	Watts									
6	BEM0125*C6E^A	BMEC101	10,300	3,000	1	2,025	3,440	18	457	55	17	40	13
6	BEM0135*C6E^A	BMEC140	14,700	4,300	1	1,935	3,288	18	457	55	17	40	13
6	BEM0250*C6E^A	BMEC190	19,900	5,850	2	4,095	6,957	18	457	55	17	40	13
6	BEM0300*C6E^A	BMEC260	26,200	7,700	2	3,915	6,652	18	457	55	17	40	13
6	BEM0370*C6E^A	BMEC310	31,300	9,150	3	6,120	10,398	18	457	55	17	40	13
6	BEM0475*C6E^A	BMEC390	39,550	11,600	3	5,850	9,939	18	457	55	17	40	13
4	BEM0125*C4E^A	BMLC100	11,500	3,350	1	2,025	3,440	18	457	55	17	40	13
4	BEM0225*C4E^A	BMLC165	17,250	5,050	2	4,275	7,263	18	457	55	17	40	13
4	BEM0250*C4E^A	BMLC220	22,100	6,500	2	4,095	6,957	18	457	55	17	40	13
4	BEM0325*C4E^A	BMLC250	25,650	7,500	3	6,390	10,857	18	457	55	17	40	13
4	BEM0420*C4E^A	BMLC330	33,600	9,850	3	6,075	10,312	18	457	55	17	40	13

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

A2L PERFORMANCE DATA

Application Capacity: Medium Temperature Electric Defrost- 60 Hz (For EC & PSC Motors)

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) if using Saturated Suction Temperatures different than listed in the information below

	R454A/R-454C/ R-455A			R-454A/R-454C/ R-455A									
	Application Capacity[1]			Application Capacity[1]			Fan Data		Air Throw		Minimum Room [2] Area (sq. ft.)		
	10°F TD/25°F SST			6°C TD/-4°C SST									
New Model	R454A	R454C	R455A	R454A	R454C	R455A	No. of Fans	CFM Data	Ft. Diffused (Opt.)	Ft. Extended (Std.)	R455A	R454C	R454A
BEM0125*Y4E^A	16,050	15,050	17,400	4,750	4,450	5,100	1	2,245	45	60	40	59	61
BEM0125*Y6E^A	11,500	10,950	15,600	3,400	3,250	4,600	1	2,260	45	60	35	52	54
BEM0135*Y6E^A	18,650	17,250	20,000	5,500	5,100	5,900	1	2,172	45	60	40	59	61
BEM0225*Y4E^A	20,950	20,250	22,950	6,150	5,950	6,750	2	4,731	45	60	80	120	124
BEM0250*Y4E^A	32,400	30,800	35,600	9,500	9,050	10,450	2	4,490	45	60	117	175	181
BEM0250*Y6E^A	30,800	23,650	33,550	9,050	6,950	9,850	2	4,538	45	60	80	120	124
BEM0300*Y6E^A	34,100	32,150	37,300	10,000	9,450	10,950	2	4,345	45	60	117	175	181
BEM0325*Y4E^A	33,700	32,650	37,000	9,900	9,600	10,850	3	7,096	45	60	124	185	192
BEM0370*Y6E^A	46,800	35,900	40,900	13,750	10,550	12,000	3	6,807	45	60	124	185	192
BEM0420*Y4E^A	44,050	42,000	48,650	12,950	12,350	14,300	3	6,734	45	60	141	211	218
BEM0475*Y6E^A	56,750	53,700	62,400	16,650	15,750	18,300	3	6,517	45	60	141	211	218
BEM0490*Y4E^A	48,850	47,100	53,950	14,350	13,850	15,850	4	8,786	45	60	184	274	283
BEM0595*Y6E^A	67,800	51,900	74,000	19,900	15,250	21,700	4	8,496	45	60	184	274	284
BEM0620*Y4E^A	66,000	54,250	73,200	19,350	15,900	21,500	4	8,400	45	60	188	279	288
BEM0720*Y4E^A	71,350	64,600	78,750	20,950	18,950	23,100	5	9,993	45	60	207	308	319
BEM0735*Y6E^A	80,500	76,050	89,000	23,600	22,350	26,100	4	8,110	45	60	188	279	288
BEM0850*Y6E^A	96,400	90,800	105,750	28,300	26,650	31,050	5	9,655	45	60	206	306	317

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

[2] = Room Area Minimum is calculated using 20 ft line length from the Safety Shut-off Valve (SSOV) to the unit cooler. For applications that require other line lengths, please contact a Heatcraft representative for Room Area Minimum re-calculation.

A1 PERFORMANCE DATA

Application Capacity: Medium Temperature Electric Defrost- 60 Hz (For EC & PSC Motors)

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) 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			Air Throw						
			10°F TD/ 25°F SST	6°C TD/ -4°C SST	10°F TD/ 25°F SST	6°C TD/ -4°C SST				Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)		
FPI	New Model	Legacy Model	BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m	
6	BEM0125*S6E^A	BME101	11,600	3,400	14,500	4,250	1	2,250	3,823	18	457	60	18.5	45	14	
6	BEM0135*S6E^A	BME140	16,100	4,700	17,800	5,200	1	2,150	3,653	18	457	60	18.5	45	14	
6	BEM0250*S6E^A	BME190	22,750	6,650	29,000	8,500	2	4,450	7,731	18	457	60	18.5	45	14	
6	BEM0300*S6E^A	BME260	29,900	8,750	34,350	10,050	2	4,350	7,391	18	457	60	18.5	45	14	
6	BEM0370*S6E^A	BME310	35,650	10,450	42,500	12,450	3	6,800	11,553	18	457	60	18.5	45	14	
6	BEM0475*S6E^A	BME390	44,850	13,150	54,650	16,000	3	6,500	11,044	18	457	60	18.5	45	14	
6	BEM0595*S6E^A	BME430	49,450	14,500	68,600	20,100	4	8,500	14,442	18	457	60	18.5	45	14	
6	BEM0735*S6E^A	BME520	62,350	18,250	85,100	24,950	4	8,100	13,762	18	457	60	18.5	45	14	
6	BEM0850*S6E^A	BME620	71,500	20,950	98,000	28,700	5	9,650	16,395	18	457	60	18.5	45	14	
4	BEM0125*S4E^A	BML100	11,500	3,350	14,100	4,150	1	2,250	3,823	18	457	60	18.5	45	14	
4	BEM0225*S4E^A	BML165	19,850	5,800	25,650	7,500	2	4,750	8,070	18	457	60	18.5	45	14	
4	BEM0250*S4E^A	BML220	15,300	7,400	27,600	8,100	2	4,550	7,731	18	457	60	18.5	45	14	
4	BEM0325*S4E^A	BML250	29,000	8,500	37,700	11,050	3	7,100	12,063	18	457	60	18.5	45	14	
4	BEM0420*S4E^A	BML330	37,950	11,100	48,300	14,150	3	6,750	11,468	18	457	60	18.5	45	14	
4	BEM0490*S4E^A	BML370	42,550	12,450	56,550	16,550	4	8,800	14,951	18	457	60	18.5	45	14	
4	BEM0620*S4E^A	BML440	52,650	15,450	71,500	20,950	4	8,400	14,272	18	457	60	18.5	45	14	
4	BEM0720*S4E^A	BML530	61,350	18,000	82,650	24,200	5	10,000	16,990	18	457	60	18.5	45	14	

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

A1 PERFORMANCE DATA

Application Capacity: Medium Temperature Electric Defrost- 60 Hz (For EC & PSC Motors)

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) if using Saturated Suction Temperatures different than listed in the information below

			R-407A/R-407F		R-407C											
			Application Capacity[1]		Application Capacity[1]		Fan Data			Air Throw						
			10°F TD/ 25°F SST	6°C TD/ -4°C SST	10°F TD/ 25°F SST	6°C TD/ -4°C SST				Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)		
FPI	New Model	Legacy Model	BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m	
6	BEM0125*S6E^A	BME101	12,900	3,800	12,850	3,750	1	2,250	3,823	18	457	60	18.5	45	14	
6	BEM0135*S6E^A	BME140	17,800	5,200	16,750	4,900	1	2,150	3,653	18	457	60	18.5	45	14	
6	BEM0250*S6E^A	BME190	25,100	7,350	23,600	6,900	2	4,450	7,731	18	457	60	18.5	45	14	
6	BEM0300*S6E^A	BME260	32,750	9,600	32,800	9,600	2	4,350	7,391	18	457	60	18.5	45	14	
6	BEM0370*S6E^A	BME310	39,100	11,450	39,100	11,450	3	6,800	11,553	18	457	60	18.5	45	14	
6	BEM0475*S6E^A	BME390	49,450	14,500	49,450	14,500	3	6,500	11,044	18	457	60	18.5	45	14	
6	BEM0595*S6E^A	BME430	57,000	16,700	53,500	15,700	4	8,500	14,442	18	457	60	18.5	45	14	
6	BEM0735*S6E^A	BME520	71,000	20,800	65,550	19,200	4	8,100	13,762	18	457	60	18.5	45	14	
6	BEM0850*S6E^A	BME620	82,650	24,200	78,200	22,900	5	9,650	16,395	18	457	60	18.5	45	14	
4	BEM0125*S4E^A	BML100	12,650	3,700	12,650	3,700	1	2,250	3,823	18	457	60	18.5	45	14	
4	BEM0225*S4E^A	BML165	21,750	6,350	20,700	6,050	2	4,750	8,070	18	457	60	18.5	45	14	
4	BEM0250*S4E^A	BML220	27,600	8,100	27,600	8,100	2	4,550	7,731	18	457	60	18.5	45	14	
4	BEM0325*S4E^A	BML250	32,350	9,500	31,050	9,100	3	7,100	12,063	18	457	60	18.5	45	14	
4	BEM0420*S4E^A	BML330	41,950	12,300	41,950	12,300	3	6,750	11,468	18	457	60	18.5	45	14	
4	BEM0490*S4E^A	BML370	46,850	13,750	46,000	13,500	4	8,800	14,951	18	457	60	18.5	45	14	
4	BEM0620*S4E^A	BML440	59,500	17,450	55,750	16,350	4	8,400	14,272	18	457	60	18.5	45	14	
4	BEM0720*S4E^A	BML530	69,150	20,250	67,250	19,700	5	10,000	16,990	18	457	60	18.5	45	14	

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

CO_2 PERFORMANCE DATA

Application Capacity: Medium Temperature Electric Defrost- 60 Hz (For EC & PSC Motors)

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) if using Saturated Suction Temperatures different than listed in the information below

			CO_2 DX											
			Application Capacity[1]		Fan Data			Air Throw						
			10°F TD/ 25°F SST	6°C TD/ -4°C SST				Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)	
FPI	New Model	Legacy Model	BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m
6	BEM0125*C6E^A	BMEY101	12,900	3,800	1	2,250	3,823	18	457	60	18.5	45	14
6	BEM0135*C6E^A	BMEY140	17,800	5,200	1	2,150	3,653	18	457	60	18.5	45	14
6	BEM0250*C6E^A	BMEY190	25,100	7,350	2	4,450	7,731	18	457	60	18.5	45	14
6	BEM0300*C6E^A	BMEY260	32,750	9,600	2	4,350	7,391	18	457	60	18.5	45	14
6	BEM0370*C6E^A	BMEY310	39,100	11,450	3	6,800	11,553	18	457	60	18.5	45	14
6	BEM0475*C6E^A	BMEY390	49,450	14,500	3	6,500	11,044	18	457	60	18.5	45	14
6	BEM0595*C6E^A	BMEY430	57,000	16,700	4	8,500	14,442	18	457	60	18.5	45	14
6	BEM0735*C6E^A	BMEY520	71,000	20,800	4	8,100	13,762	18	457	60	18.5	45	14
6	BEM0850*C6E^A	BMEY620	82,650	24,200	5	9,650	16,395	18	457	60	18.5	45	14
4	BEM0125*C4E^A	NA	12,650	3,700	1	2,250	3,823	18	457	60	18.5	45	14
4	BEM0225*C4E^A	NA	21,750	6,350	2	4,750	8,070	18	457	60	18.5	45	14
4	BEM0250*C4E^A	NA	27,600	8,100	2	4,550	7,731	18	457	60	18.5	45	14
4	BEM0325*C4E^A	NA	32,350	9,500	3	7,100	12,063	18	457	60	18.5	45	14
4	BEM0420*C4E^A	NA	41,950	12,300	3	6,750	11,468	18	457	60	18.5	45	14
4	BEM0490*C4E^A	NA	46,850	13,750	4	8,800	14,951	18	457	60	18.5	45	14
4	BEM0620*C4E^A	NA	59,500	17,450	4	8,400	14,272	18	457	60	18.5	45	14
4	BEM0720*C4E^A	NA	69,150	20,250	5	10,000	16,990	18	457	60	18.5	45	14

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

A1 PERFORMANCE DATA

Application Capacity: Medium Temperature Electric Defrost- 50 Hz (For PSC Motors)†

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) 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			Air Throw						
			10°F TD/ 25°F SST	6°C TD/ -4°C SST	10°F TD/ 25°F SST	6°C TD/ -4°C SST				Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)		
FPI	New Model	Legacy Model	BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m	
6	BEM0125*S6E^A	BME101	10,650	3,100	13,350	3,900	1	2,025	3,440	18	457	55	17	40	13	
6	BEM0135*S6E^A	BME140	14,800	4,350	16,400	4,800	1	1,935	3,288	18	457	55	17	40	13	
6	BEM0250*S6E^A	BME190	20,950	6,150	26,700	7,800	2	4,095	6,957	18	457	55	17	40	13	
6	BEM0300*S6E^A	BME260	27,500	8,050	31,600	9,250	2	3,915	6,652	18	457	55	17	40	13	
6	BEM0370*S6E^A	BME310	32,800	9,600	39,100	11,450	3	6,120	10,398	18	457	55	17	40	13	
6	BEM0475*S6E^A	BME390	41,250	12,100	50,300	14,750	3	5,850	9,939	18	457	55	17	40	13	
6	BEM0595*S6E^A	BME430	45,500	13,350	63,100	18,500	4	7,650	12,997	18	457	55	17	40	13	
6	BEM0735*S6E^A	BME520	57,350	16,800	78,300	22,950	4	7,290	12,386	18	457	55	17	40	13	
6	BEM0850*S6E^A	BME620	65,800	19,300	90,150	26,400	5	8,685	14,756	18	457	55	17	40	13	
4	BEM0125*S4E^A	BML100	10,600	3,100	12,950	3,800	1	2,025	3,440	18	457	55	17	40	13	
4	BEM0225*S4E^A	BML165	18,250	5,350	23,600	6,900	2	4,275	7,263	18	457	55	17	40	13	
4	BEM0250*S4E^A	BML220	23,300	6,850	25,400	7,450	2	4,095	6,957	18	457	55	17	40	13	
4	BEM0325*S4E^A	BML250	26,700	7,800	34,700	10,150	3	6,390	10,857	18	457	55	17	40	13	
4	BEM0420*S4E^A	BML330	34,900	10,250	44,450	13,050	3	6,075	10,312	18	457	55	17	40	13	
4	BEM0490*S4E^A	BML370	39,150	11,450	52,050	15,250	4	7,920	13,456	18	457	55	17	40	13	
4	BEM0620*S4E^A	BML440	45,480	14,200	65,800	19,300	4	7,560	12,845	18	457	55	17	40	13	
4	BEM0720*S4E^A	BML530	56,450	16,550	76,050	22,300	5	9,000	15,291	18	457	55	17	40	13	

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)

† = For single 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)

Net Capacity is available upon request

A1 PERFORMANCE DATA

Application Capacity: Medium Temperature Electric Defrost- 50 Hz (For PSC Motors)†

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) if using Saturated Suction Temperatures different than listed in the information below

			R-407A/R-407F		R-407C											
			Application Capacity[1]		Application Capacity[1]		Fan Data			Air Throw						
			10°F TD/ 25°F SST	6°C TD/ -4°C SST	10°F TD/ 25°F SST	6°C TD/ -4°C SST				Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)		
FPI	New Model	Legacy Model	BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m	
6	BEM0125*S6E^A	BME101	11,850	3,450	11,800	3,450	1	2,025	3,440	18	457	55	17	40	13	
6	BEM0135*S6E^A	BME140	16,400	4,800	15,400	4,500	1	1,935	3,288	18	457	55	17	40	13	
6	BEM0250*S6E^A	BME190	23,100	6,750	21,700	6,350	2	4,095	6,957	18	457	55	17	40	13	
6	BEM0300*S6E^A	BME260	30,150	8,850	30,200	8,850	2	3,915	6,652	18	457	55	17	40	13	
6	BEM0370*S6E^A	BME310	35,950	10,550	3,595	10,550	3	6,120	10,398	18	457	55	17	40	13	
6	BEM0475*S6E^A	BME390	45,500	13,350	45,500	13,350	3	5,850	9,939	18	457	55	17	40	13	
6	BEM0595*S6E^A	BME430	52,450	15,350	49,200	14,400	4	7,650	12,997	18	457	55	17	40	13	
6	BEM0735*S6E^A	BME520	65,300	19,150	60,300	17,650	4	7,290	12,386	18	457	55	17	40	13	
6	BEM0850*S6E^A	BME620	76,050	22,300	71,950	21,100	5	8,685	14,756	18	457	55	17	40	13	
4	BEM0125*S4E^A	BML100	11,650	3,400	11,650	3,400	1	2,025	3,440	18	457	55	17	40	13	
4	BEM0225*S4E^A	BML165	20,000	5,850	19,050	5,600	2	4,275	7,263	18	457	55	17	40	13	
4	BEM0250*S4E^A	BML220	25,400	7,450	25,400	7,450	2	4,095	6,957	18	457	55	17	40	13	
4	BEM0325*S4E^A	BML250	29,750	8,700	28,550	8,350	3	6,390	10,857	18	457	55	17	40	13	
4	BEM0420*S4E^A	BML330	38,600	11,300	38,600	11,300	3	6,075	10,312	18	457	55	17	40	13	
4	BEM0490*S4E^A	BML370	43,100	12,650	42,300	12,400	4	7,920	13,456	18	457	55	17	40	13	
4	BEM0620*S4E^A	BML440	54,750	16,050	51,300	15,050	4	7,560	12,845	18	457	55	17	40	13	
4	BEM0720*S4E^A	BML530	63,600	18,650	61,850	18,150	5	9,000	15,291	18	457	55	17	40	13	

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)

† = For single 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)

Net Capacity is available upon request

CO_2 PERFORMANCE DATA

Application Capacity: Medium Temperature Electric Defrost- 50 Hz (For PSC Motors)†

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) if using Saturated Suction Temperatures different than listed in the information below

			CO_2 DX					Air Throw					
			Application Capacity[1]		Fan Data			Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)	
FPI	New Model	Legacy Model	10°F TD/ 25°F SST	6°C TD/ -4°C SST									
			BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m
6	BEM0125*C6E^A	BMEY101	11,850	3,450	1	2,025	3,440	18	457	55	17	40	13
6	BEM0135*C6E^A	BMEY140	16,400	4,800	1	1,935	3,288	18	457	55	17	40	13
6	BEM0250*C6E^A	BMEY190	23,100	6,750	2	4,095	6,957	18	457	55	17	40	13
6	BEM0300*C6E^A	BMEY260	30,150	8,850	2	3,915	6,652	18	457	55	17	40	13
6	BEM0370*C6E^A	BMEY310	35,950	10,550	3	6,120	10,398	18	457	55	17	40	13
6	BEM0475*C6E^A	BMEY390	45,500	13,350	3	5,850	9,939	18	457	55	17	40	13
4	BEM0125*C4E^A	NA	11,650	3,400	1	2,025	3,440	18	457	55	17	40	13
4	BEM0225*C4E^A	NA	20,000	5,850	2	4,275	7,263	18	457	55	17	40	13
4	BEM0250*C4E^A	NA	25,400	7,450	2	4,095	6,957	18	457	55	17	40	13
4	BEM0325*C4E^A	NA	29,750	8,700	3	6,390	10,857	18	457	55	17	40	13
4	BEM0420*C4E^A	NA	38,600	11,300	3	6,075	10,312	18	457	55	17	40	13

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)

† = For single 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)

Net Capacity is available upon request

A2L SPECIFICATIONS

Electric Defrost- 60 Hz

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

		EC Motors (includes 2-Speed, Fixed Speed and VSEC)					EC Motors (includes 2-Speed, Fixed Speed and VSEC)					EC Motors (includes 2-Speed, Fixed Speed)				
		208-230/1/60					208-230/3/60					460/1/60				
FPI	New Model	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD
4	BEM0125*Y4E^A	1/4	1.7	213	15	20	1/4	1.7	213	15	20	1/3	1.6	191	15	15
4	BEM0225*Y4E^A	1/4	3.5	426	15	20	1/4	3.5	426	15	20	1/3	3.2	382	15	15
4	BEM0250*Y4E^A	1/4	3.5	420	15	20	1/4	3.5	426	15	20	1/3	3.2	382	15	15
4	BEM0325*Y4E^A	1/4	5.3	638	15	20	1/4	5.3	638	15	20	1/3	4.8	573	15	15
4	BEM0420*Y4E^A	1/4	5.2	638	15	20	1/4	5.2	638	15	20	1/3	4.8	573	15	15
4	BEM0490*Y4E^A	-	-	-	-	-	1/4	7.0	851	15	20	1/3	6.4	764	15	15
4	BEM0620*Y4E^A	-	-	-	-	-	1/4	7.0	851	15	20	1/3	6.4	764	15	15
4	BEM0720*Y4E^A	-	-	-	-	-	1/4	8.7	1,064	15	20	1/3	8	955	15	15
6	BEM0125*Y6E^A	1/4	1.7	212	15	20	1/4	1.7	215	15	20	1/3	1.6	191	15	15
6	BEM0135*Y6E^A	1/4	1.7	210	15	20	1/4	1.7	215	15	20	1/3	1.6	191	15	15
6	BEM0250*Y6E^A	1/4	3.5	421	15	20	1/4	3.5	426	15	20	1/3	3.2	382	15	15
6	BEM0300*Y6E^A	1/4	3.5	426	15	20	1/4	3.5	426	15	20	1/3	3.2	382	15	15
6	BEM0370*Y6E^A	1/4	5.2	638	15	20	1/4	5.2	638	15	20	1/3	4.8	573	15	15
6	BEM0475*Y6E^A	1/4	5.2	638	15	20	1/4	5.2	638	15	20	1/3	4.8	573	15	15
6	BEM0595*Y6E^A	-	-	-	-	-	1/4	7.0	851	15	20	1/3	6.4	764	15	15
6	BEM0735*Y6E^A	-	-	-	-	-	1/4	7.0	851	15	20	1/3	6.4	764	15	15
6	BEM0850*Y6E^A	-	-	-	-	-	1/4	8.7	1,064	15	20	1/3	8	955	15	15

		Defrost Heaters									
		230/1/60		230/3/60		460/1/60		460/3/60		575/3/60	
FPI	New Model	Watts	Heater Amps	Watts	Heater Amps	Watts	Heater Amps	Watts	Heater Amps	Watts	Heater Amps
4	BEM0125*Y4E^A	2,730	12	2,730	8	2,730	6	2,730	4	2,730	3
4	BEM0225*Y4E^A	5,350	23	5,350	16	5,350	12	5,350	8	5,350	7
4	BEM0250*Y4E^A	5,350	23	5,350	16	5,350	12	5,350	8	5,350	7
4	BEM0325*Y4E^A	7,750	34	7,750	23	7,750	17	7,750	12	7,750	10
4	BEM0420*Y4E^A	7,750	34	7,750	23	7,750	17	7,750	12	7,750	10
4	BEM0490*Y4E^A	-	-	10,200	31	10,200	22	10,200	16	10,200	13
4	BEM0620*Y4E^A	-	-	10,200	31	10,200	22	10,200	16	10,200	13
4	BEM0720*Y4E^A	-	-	11,600	35	11,600	25	11,600	18	11,600	14
6	BEM0125*Y6E^A	2,730	12	2,730	8	2,730	6	2,730	4	2,730	3
6	BEM0135*Y6E^A	2,730	12	2,730	8	2,730	6	2,730	4	2,730	3
6	BEM0250*Y6E^A	5,350	23	5,350	16	5,350	12	5,350	8	5,350	7
6	BEM0300*Y6E^A	5,350	23	5,350	16	5,350	12	5,350	8	5,350	7
6	BEM0370*Y6E^A	7,750	34	7,750	23	7,750	17	7,750	12	7,750	10
6	BEM0475*Y6E^A	7,750	34	7,750	23	7,750	17	7,750	12	7,750	10
6	BEM0595*Y6E^A	-	-	10,200	31	10,200	22	10,200	16	10,200	13
6	BEM0735*Y6E^A	-	-	10,200	31	10,200	22	10,200	16	10,200	13
6	BEM0850*Y6E^A	-	-	11,600	35	11,600	25	11,600	18	11,600	14

Notes:

* = Electrical Code Designator (see Nomenclature details)
^ = Motor Code Designator (see Nomenclature details)
± = Refriferant Designator (See Nomenclature details)

A2L SPECIFICATIONS

Electric Defrost- 60 Hz

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

		PSC Motors (includes Standard and Totally Enclosed)														
		208-230/1/60					208-230/3/60					460/1/60				
FPI	New Model	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD
4	BEM0125*Y4E^A	1/4	1.8	305	15	20	1/4	1.8	305	15	20	1/4	1.0	305	15	15
4	BEM0225*Y4E^A	1/4	3.6	610	15	20	1/4	3.6	610	15	20	1/4	2.0	610	15	15
4	BEM0250*Y4E^A	1/4	3.6	610	15	20	1/4	3.6	610	15	20	1/4	2.0	610	15	15
4	BEM0325*Y4E^A	1/4	5.4	915	15	20	1/4	5.4	915	15	20	1/4	3.0	915	15	15
4	BEM0420*Y4E^A	1/4	5.4	915	15	20	1/4	5.4	915	15	20	1/4	3.0	915	15	15
4	BEM0490*Y4E^A	-	-	-	-	-	1/4	7.2	1,220	15	20	1/4	4.0	1,220	15	15
4	BEM0620*Y4E^A	-	-	-	-	-	1/4	7.2	1,220	15	20	1/4	4.0	1,220	15	15
4	BEM0720*Y4E^A	-	-	-	-	-	1/4	9.0	1,525	15	20	1/4	5.0	1,525	15	15
6	BEM0125*Y6E^A	1/4	1.8	305	15	20	1/4	1.8	305	15	20	1/4	1.0	305	15	15
6	BEM0135*Y6E^A	1/4	1.8	257	15	20	1/4	1.8	305	15	20	1/4	1.0	305	15	15
6	BEM0250*Y6E^A	1/4	3.6	514	15	20	1/4	3.6	610	15	20	1/4	2.0	610	15	15
6	BEM0300*Y6E^A	1/4	3.6	610	15	20	1/4	3.6	610	15	20	1/4	2.0	610	15	15
6	BEM0370*Y6E^A	1/4	5.4	915	15	20	1/4	5.4	915	15	20	1/4	3.0	915	15	15
6	BEM0595*Y6E^A	-	-	-	-	-	1/4	7.2	1,220	15	20	1/4	4.0	1,220	15	15
6	BEM0735*Y6E^A	-	-	-	-	-	1/4	7.2	1,220	15	20	1/4	4.0	1,220	15	15
6	BEM0850*Y6E^A	-	-	-	-	-	1/4	9.0	1,525	15	20	1/4	5.0	1,525	15	15

		PSC Motors (includes Standard and Totally Enclosed)				
		575/3/60				
FPI	New Model	HP	Amps	Watts	MCA	MOPD
4	BEM0125*Y4E^A	1/3	0.8	310	15	15
4	BEM0225*Y4E^A	1/3	1.5	615	15	15
4	BEM0250*Y4E^A	1/3	1.5	615	15	15
4	BEM0325*Y4E^A	1/3	2.3	923	15	15
4	BEM0420*Y4E^A	1/3	2.3	923	15	15
4	BEM0490*Y4E^A	1/3	3.0	1,240	15	15
4	BEM0620*Y4E^A	1/3	3.0	1,240	15	15
4	BEM0720*Y4E^A	1/3	3.8	1,538	15	15
6	BEM0125*Y6E^A	1/3	0.8	310	15	15
6	BEM0135*Y6E^A	1/3	0.8	310	15	15
6	BEM0250*Y6E^A	1/3	1.5	615	15	15
6	BEM0300*Y6E^A	1/3	1.5	615	15	15
6	BEM0370*Y6E^A	1/3	2.3	923	15	15
6	BEM0595*Y6E^A	1/3	3.0	1,240	15	15
6	BEM0735*Y6E^A	1/3	3.0	1,240	15	15
6	BEM0850*Y6E^A	1/3	3.8	1,538	15	15

Notes:

* = Electrical Code Designator (see Nomenclature details)
^ = Motor Code Designator (see Nomenclature details)
± = Refriferant Designator (See Nomenclature details)

A1 SPECIFICATIONS

Electric Defrost- 60 Hz

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

			EC Motors (includes 2-Speed, Fixed Speed and VSEC)				Defrost Heaters		
			208-230/1/60				Watts	208-230/1/60	208-230/3/60
FPI	New Model	HP	Amps	Watts	MCA	MOPD		Total Amps	
6	BEM0125*±6E^A	1/4	1.7	208	15	20	2,730	11.9	8.2
6	BEM0135*±6E^A	1/4	1.7	208	15	20	2,730	11.9	8.2
6	BEM0250*±6E^A	1/4	3.5	417	15	20	5,350	23.3	16.0
6	BEM0300*±6E^A	1/4	3.5	417	15	20	5,350	23.3	16.0
6	BEM0370*±6E^A	1/4	5.2	625	15	20	7,750	33.7	23.2
6	BEM0475*±6E^A	1/4	5.2	625	15	20	7,750	33.7	23.2
6	BEM0595*±6E^A	1/4	7.0	834	15	20	10,200	-	30.5
6	BEM0735*±6E^A	1/4	7.0	834	15	20	10,200	-	30.5
6	BEM0850*±6E^A	1/4	8.7	1,042	15	20	11,600	-	34.7
4	BEM0125*±4E^A	1/4	1.7	208	15	20	2,730	11.9	8.2
4	BEM0225*±4E^A	1/4	3.5	417	15	20	5,350	23.3	16.0
4	BEM0250*±4E^A	1/4	3.5	417	15	20	5,350	23.3	16.0
4	BEM0325*±4E^A	1/4	5.2	625	15	20	7,750	33.7	23.2
4	BEM0420*±4E^A	1/4	5.2	625	15	20	7,750	33.7	23.2
4	BEM0490*±4E^A	1/4	7.0	834	15	20	10,200	-	30.5
4	BEM0620*±4E^A	1/4	7.0	834	15	20	10,200	-	30.5
4	BEM0720*±4E^A	1/4	8.7	1,042	15	20	11,600	-	34.7

			EC Motors (includes 2-Speed, Fixed Speed)				Defrost Heaters		
			460/1/60				Watts	460/1/60	460/3/60
FPI	New Model	HP	Amps	Watts	MCA	MOPD		Total Amps	
6	BEM0125*±6E^A	1/3	1.6	191	15	15	2,730	5.9	4.1
6	BEM0135*±6E^A	1/3	1.6	191	15	15	2,730	5.9	4.1
6	BEM0250*±6E^A	1/3	3.2	382	15	15	5,350	11.6	8.3
6	BEM0300*±6E^A	1/3	3.2	382	15	15	5,350	11.6	8.3
6	BEM0370*±6E^A	1/3	4.8	573	15	15	7,750	16.8	12.0
6	BEM0475*±6E^A	1/3	4.8	573	15	15	7,750	16.8	12.0
6	BEM0595*±6E^A	1/3	6.4	764	15	15	10,200	22.2	15.8
6	BEM0735*±6E^A	1/3	6.4	764	15	15	10,200	22.2	15.8
6	BEM0850*±6E^A	1/3	8.0	955	15	15	11,600	25.2	18.1
4	BEM0125*±4E^A	1/3	1.6	191	15	15	2,730	5.9	4.1
4	BEM0225*±4E^A	1/3	3.2	382	15	15	5,350	11.6	8.3
4	BEM0250*±4E^A	1/3	3.2	382	15	15	5,350	11.6	8.3
4	BEM0325*±4E^A	1/3	4.8	573	15	15	7,750	16.8	12.0
4	BEM0420*±4E^A	1/3	4.8	573	15	15	7,750	16.8	12.0
4	BEM0490*±4E^A	1/3	6.4	764	15	15	10,200	22.2	15.8
4	BEM0620*±4E^A	1/3	6.4	764	15	15	10,200	22.2	15.8
4	BEM0720*±4E^A	1/3	8.0	955	15	15	11,600	25.2	18.1

Notes:

* = Electrical Code Designator (see Nomenclature details)
^ = Motor Code Designator (see Nomenclature details)
± = Refriferant Designator (See Nomenclature details)

A1 SPECIFICATIONS

Electric Defrost- 60 Hz

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

			PSC Motors (includes Standard and Totally-Enclosed)				Defrost Heaters		
			208-230/1/60				Watts	208-230/1/60	208-230/3/60
FPI	New Model	HP	Amps	Watts	MCA	MOPD		Total Amps	
6	BEM0125*±6E^A	1/4	1.8	305	15	20	2,730	11.9	8.2
6	BEM0135*±6E^A	1/4	1.8	305	15	20	2,730	11.9	8.2
6	BEM0250*±6E^A	1/4	3.6	610	15	20	5,350	23.3	16.0
6	BEM0300*±6E^A	1/4	3.6	610	15	20	5,350	23.3	16.0
6	BEM0370*±6E^A	1/4	5.4	915	15	20	7,750	33.7	23.2
6	BEM0475*±6E^A	1/4	5.4	915	15	20	7,750	33.7	23.2
6	BEM0595*±6E^A	1/4	7.2	1,220	15	20	10,200	-	30.5
6	BEM0735*±6E^A	1/4	7.2	1,220	15	20	10,200	-	30.5
6	BEM0850*±6E^A	1/4	9.0	1,525	15	20	11,600	-	34.7
4	BEM0125*±4E^A	1/4	1.8	305	15	20	2,730	11.9	8.2
4	BEM0225*±4E^A	1/4	3.6	610	15	20	5,350	23.3	16.0
4	BEM0250*±4E^A	1/4	3.6	610	15	20	5,350	23.3	16.0
4	BEM0325*±4E^A	1/4	5.4	915	15	20	7,750	33.7	23.2
4	BEM0420*±4E^A	1/4	5.4	915	15	20	7,750	33.7	23.2
4	BEM0490*±4E^A	1/4	7.2	1,220	15	20	10,200	-	30.5
4	BEM0620*±4E^A	1/4	7.2	1,220	15	20	10,200	-	30.5
4	BEM0720*±4E^A	1/4	9.0	1,525	15	20	11,600	-	34.7

			PSC Motors (includes Standard and Totally-Enclosed)				Defrost Heaters		
			460/1/60				Watts	460/1/60	460/3/60
FPI	New Model	HP	Amps	Watts	MCA	MOPD		Total Amps	
6	BEM0125*±6E^A	1/4	1.0	305	15	15	2,730	5.9	4.1
6	BEM0135*±6E^A	1/4	1.0	305	15	15	2,730	5.9	4.1
6	BEM0250*±6E^A	1/4	2.0	610	15	15	5,350	11.6	8.3
6	BEM0300*±6E^A	1/4	2.0	610	15	15	5,350	11.6	8.3
6	BEM0370*±6E^A	1/4	3.0	915	15	15	7,750	16.8	12.0
6	BEM0475*±6E^A	1/4	3.0	915	15	15	7,750	16.8	12.0
6	BEM0595*±6E^A	1/4	4.0	1,220	15	15	10,200	22.2	15.8
6	BEM0735*±6E^A	1/4	4.0	1,220	15	15	10,200	22.2	15.8
6	BEM0850*±6E^A	1/4	5.0	1,525	15	15	11,600	25.2	18.1
4	BEM0125*±4E^A	1/4	1.0	305	15	15	2,730	5.9	4.1
4	BEM0225*±4E^A	1/4	2.0	610	15	15	5,350	11.6	8.3
4	BEM0250*±4E^A	1/4	2.0	610	15	15	5,350	11.6	8.3
4	BEM0325*±4E^A	1/4	3.0	915	15	15	7,750	16.8	12.0
4	BEM0420*±4E^A	1/4	3.0	915	15	15	7,750	16.8	12.0
4	BEM0490*±4E^A	1/4	4.0	1,220	15	15	10,200	22.2	15.8
4	BEM0620*±4E^A	1/4	4.0	1,220	15	15	10,200	22.2	15.8
4	BEM0720*±4E^A	1/4	5.0	1,525	15	15	11,600	25.2	18.1

Notes:

* = Electrical Code Designator (see Nomenclature details)
^ = Motor Code Designator (see Nomenclature details)
± = Refriferant Designator (See Nomenclature details)

A1 SPECIFICATIONS

Electric Defrost- 60 Hz

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

			PSC Motors (includes Standard and Totally-Enclosed)				Defrost Heaters	
			575/1/60				Watts	575/3/60
FPI	New Model	HP	Amps	Watts	MCA	MOPD		Total Amps
6	BEM0125*±6E^A	1/4	0.8	310	15	15	2,730	3.3
6	BEM0135*±6E^A	1/4	0.8	310	15	15	2,730	3.3
6	BEM0250*±6E^A	1/4	1.5	620	15	15	5,350	6.6
6	BEM0300*±6E^A	1/4	1.5	620	15	15	5,350	6.6
6	BEM0370*±6E^A	1/4	2.3	930	15	15	7,750	9.6
6	BEM0475*±6E^A	1/4	2.3	930	15	15	7,750	9.6
6	BEM0595*±6E^A	1/4	3.0	1,240	15	15	10,200	12.6
6	BEM0735*±6E^A	1/4	3.0	1,240	15	15	10,200	12.6
6	BEM0850*±6E^A	1/4	3.8	1,550	15	15	11,600	14.4
4	BEM0125*±4E^A	1/4	0.8	310	15	15	2,730	3.3
4	BEM0225*±4E^A	1/4	1.5	620	15	15	5,350	6.6
4	BEM0250*±4E^A	1/4	1.5	620	15	15	5,350	6.6
4	BEM0325*±4E^A	1/4	2.3	930	15	15	7,750	9.6
4	BEM0420*±4E^A	1/4	2.3	930	15	15	7,750	9.6
4	BEM0490*±4E^A	1/4	3.0	1,240	15	15	10,200	12.6
4	BEM0620*±4E^A	1/4	3.0	1,240	15	15	10,200	12.6
4	BEM0720*±4E^A	1/4	3.8	1,550	15	15	11,600	14.4

Notes:

* = Electrical Code Designator (see Nomenclature details)
^ = Motor Code Designator (see Nomenclature details)
± = Refriferant Designator (See Nomenclature details)

A1 SPECIFICATIONS

Electric Defrost- 50 Hz

Please consult AWEF table on page 55 to confirm model meets DOE minimum AWEF

			EC Motors (includes 2-Speed, Fixed Speed and VSEC)				PSC Motors (includes Standard and Totally-Enclosed)				Defrost Heaters	
			220/1/50				220/1/50				Watts	220/1/50
FPI	New Model	HP	Amps	Watts	MCA	MOPD	Amps	Watts	MCA	MOPD		Total Amps
6	BEM0125*±6E^A	1/4	1.7	208	15	20	1.8	305	15	20	2,510	11.9
6	BEM0135*±6E^A	1/4	1.7	208	15	20	1.8	305	15	20	2,510	11.9
6	BEM0250*±6E^A	1/4	3.5	417	15	20	3.6	610	15	20	4,910	23.3
6	BEM0300*±6E^A	1/4	3.5	417	15	20	3.6	610	15	20	4,910	23.3
6	BEM0370*±6E^A	1/4	5.2	625	15	20	5.4	915	15	20	7,090	33.7
6	BEM0475*±6E^A	1/4	5.2	625	15	20	5.4	915	15	20	7,090	33.7
6	BEM0595*±6E^A	1/4	7.0	834	15	20	7.2	1,220	15	20	-	-
6	BEM0735*±6E^A	1/4	7.0	834	15	20	7.2	1,220	15	20	-	-
6	BEM0850*±6E^A	1/4	8.7	1,042	15	20	9.0	1,525	15	20	-	-
4	BEM0125*±4E^A	1/4	1.7	208	15	20	1.8	305	15	20	2,510	11.9
4	BEM0225*±4E^A	1/4	3.5	417	15	20	3.6	610	15	20	4,910	23.3
4	BEM0250*±4E^A	1/4	3.5	417	15	20	3.6	610	15	20	4,910	23.0
4	BEM0325*±4E^A	1/4	5.2	625	15	20	5.4	915	15	20	7,090	23.3
4	BEM0420*±4E^A	1/4	5.2	625	15	20	5.4	915	15	20	7,090	33.7
4	BEM0490*±4E^A	1/4	7.0	834	15	20	7.2	1,220	15	20	-	-
4	BEM0620*±4E^A	1/4	7.0	834	15	20	7.2	1,220	15	20	-	-
4	BEM0720*±4E^A	1/4	8.7	1,042	15	20	9.0	1,525	15	20	-	-

Notes:

* = Electrical Code Designator (see Nomenclature details)
^ = Motor Code Designator (see Nomenclature details)
± = Refriferant Designator (See Nomenclature details)

A2L PERFORMANCE DATA

Application Capacity: Low Temperature Hot Gas Defrost- 60 Hz (For EC and PSC Motors)

Please consult AWEF table on page 56 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) if using Saturated Suction Temperatures different than listed in the information below

	R454A/R-454C/ R-455A			R-454A/R-454C/ R-455A									
	Application Capacity[1]			Application Capacity[1]			Fan Data		Air Throw		Minimum Room [2] Area (sq. ft.)		
	10°F TD/-20°F SST			6°C TD/-4°C SST									
New Model	R454A	R454C	R455A	R454A	R454C	R455A	No. of Fans	CFM Data	Ft. Diffused (Opt.)	Ft. Extended (Std.)	R455A	R454C	R454A
BEM0225*Y4H^A	20,700	18,000	20,300	6,100	5,300	5,950	2	4,731	45	60	80	120	124
BEM0250*Y4H^A	24,350	21,200	24,000	7,150	6,250	7,050	2	4,731	45	60	117	175	181
BEM0250*Y6H^A	23,850	20,350	23,000	7,000	6,000	6,750	2	4,538	45	60	80	120	124
BEM0300*Y6H^A	27,850	23,800	27,100	8,200	7,000	7,950	2	4,345	45	60	117	175	181
BEM0325*Y4H^A	30,350	26,450	29,750	8,900	7,800	8,750	3	7,096	45	60	124	185	192
BEM0370*Y6H^A	34,950	29,900	33,700	10,250	8,800	9,900	3	6,807	45	60	124	185	192
BEM0420*Y4H^A	38,650	34,200	38,450	11,350	10,050	11,300	3	6,734	45	60	141	211	218
BEM0475*Y6H^A	44,550	38,400	43,600	13,100	11,250	12,800	3	6,517	45	60	141	211	218
BEM0490*Y4H^A	42,800	38,000	42,900	12,550	11,150	12,600	4	8,786	45	60	184	274	283
BEM0595*Y6H^A	52,500	45,500	51,750	15,400	13,350	15,200	4	8,496	45	60	184	274	284
BEM0620*Y4H^A	54,000	48,500	54,800	15,850	14,250	16,100	4	8,400	45	60	188	279	288
BEM0735*Y6H^A	64,950	57,350	64,950	19,050	16,850	19,050	4	8,110	45	60	188	279	288

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

[2] = Room Area Minimum is calculated using 20 ft line length from the Safety Shut-off Valve (SSOV) to the unit cooler and using electric drain pan. For applications that require other line lengths, please contact a Heatcraft representative for Room Area Minimum re-calculation.

A1 PERFORMANCE DATA

Application Capacity: Low Temperature Hot Gas Defrost- 60 Hz (For EC and PSC Motors)

Please consult AWEF table on page 56 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) 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			Air Throw						
			10°F TD/ -20°F SST	6°C TD/ -29°C SST	10°F TD/ -20°F SST	6°C TD/ -29°C SST				Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)	
FPI	New Model	Legacy Model	BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m
6	BEM0250*S6H^A	BMG190	19,600	5,750	25,000	7,350	2	4,450	7,731	18	457	60	18.5	45	14
6	BEM0300*S6H^A	BMG260	26,000	7,600	29,600	8,650	2	4,350	7,391	18	457	60	18.5	45	14
6	BEM0370*S6H^A	BMG310	31,000	9,100	36,650	10,750	3	6,800	11,553	18	457	60	18.5	45	14
6	BEM0475*S6H^A	BMG390	39,000	11,450	47,100	13,800	3	6,500	11,044	18	457	60	18.5	45	14
6	BEM0595*S6H^A	BMG430	43,750	12,800	59,150	17,350	4	8,500	14,442	18	457	60	18.5	45	14
6	BEM0735*S6H^A	BMG520	53,750	15,750	73,350	21,500	4	8,100	13,762	18	457	60	18.5	45	14
4	BEM0225*S4H^A	BMF165	17,100	5,000	21,500	6,300	2	4,750	8,070	18	457	60	18.5	45	14
4	BEM0250*S4H^A	BMF220	22,000	6,450	25,500	7,450	2	4,550	7,731	18	457	60	18.5	45	14
4	BEM0325*S4H^A	BMF250	25,000	7,350	32,500	9,500	3	7,100	12,063	18	457	60	18.5	45	14
4	BEM0420*S4H^A	BMF330	33,000	9,650	41,650	12,200	3	6,750	11,468	18	457	60	18.5	45	14
4	BEM0490*S4H^A	BMF370	37,000	10,850	48,750	14,300	4	8,800	14,951	18	457	60	18.5	45	14
4	BEM0620*S4H^A	BMF440	45,400	13,300	61,650	18,050	4	8,400	14,272	18	457	60	18.5	45	14

			R-407A/R-407F		R-407C											
			Application Capacity[1]		Application Capacity[1]		Fan Data			Air Throw						
			10°F TD/ -20°F SST	6°C TD/ -29°C SST	10°F TD/ -20°F SST	6°C TD/ -29°C SST				Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)	
FPI	New Model	Legacy Model	BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m
6	BEM0250*S6H^A	BMG190	21,650	6,350	20,500	6,000	2	4,450	7,731	18	457	60	18.5	45	14
6	BEM0300*S6H^A	BMG260	28,500	8,350	28,500	8,350	2	4,350	7,391	18	457	60	18.5	45	14
6	BEM0370*S6H^A	BMG310	34,000	9,950	34,000	9,950	3	6,800	11,553	18	457	60	18.5	45	14
6	BEM0475*S6H^A	BMG390	43,000	12,600	43,000	12,600	3	6,500	11,044	18	457	60	18.5	45	14
6	BEM0595*S6H^A	BMG430	49,150	14,400	46,500	13,650	4	8,500	14,442	18	457	60	18.5	45	14
6	BEM0735*S6H^A	BMG520	61,250	17,950	57,000	16,700	4	8,100	13,762	18	457	60	18.5	45	14
4	BEM0225*S4H^A	BMF165	18,750	5,500	18,750	5,500	2	4,750	8,070	18	457	60	18.5	45	14
4	BEM0250*S4H^A	BMF220	24,000	7,050	24,000	7,050	2	4,550	7,731	18	457	60	18.5	45	14
4	BEM0325*S4H^A	BMF250	27,900	8,200	27,000	7,900	3	7,100	12,063	18	457	60	18.5	45	14
4	BEM0420*S4H^A	BMF330	36,500	10,700	36,500	10,700	3	6,750	11,468	18	457	60	18.5	45	14
4	BEM0490*S4H^A	BMF370	40,500	11,850	40,000	11,700	4	8,800	14,951	18	457	60	18.5	45	14
4	BEM0620*S4H^A	BMF440	51,250	15,000	48,500	14,200	4	8,400	14,272	18	457	60	18.5	45	14

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

A1 PERFORMANCE DATA

Application Capacity: Low Temperature Hot Gas Defrost- 50 Hz (For PSC Motors)†

Please consult AWEF table on page 56 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) 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			Air Throw						
			10°F TD/ -20°F SST	6°C TD/ -29°C SST	10°F TD/ -20°F SST	6°C TD/ -29°C SST				Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)		
FPI	New Model	Legacy Model	BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m	
6	BEM0250*S6H^A	BMG190	18,050	5,300	23,000	6,750	2	4,095	6,957	18	457	55	17	40	13	
6	BEM0300*S6H^A	BMG260	23,900	7,000	27,250	8,000	2	4,345	7,382	18	457	55	17	40	13	
6	BEM0370*S6H^A	BMG310	28,500	8,350	33,700	9,900	3	6,807	11,565	18	457	55	17	40	13	
6	BEM0475*S6H^A	BMG390	35,900	10,500	43,350	12,700	3	6,517	11,072	18	457	55	17	40	13	
6	BEM0595*S6H^A	BMG430	40,250	11,800	54,400	15,950	4	8,496	14,435	18	457	55	17	40	13	
6	BEM0735*S6H^A	BMG520	49,450	14,500	67,500	19,800	4	8,110	13,779	18	457	55	17	40	13	
4	BEM0225*S4H^A	BMF165	15,750	4,600	19,800	5,800	2	4,731	8,038	18	457	55	17	40	13	
4	BEM0250*S4H^A	BMF220	20,250	5,950	23,450	6,850	2	4,538	7,710	18	457	55	17	40	13	
4	BEM0325*S4H^A	BMF250	23,000	6,750	29,900	8,750	3	7,096	12,056	18	457	55	17	40	13	
4	BEM0420*S4H^A	BMF330	30,350	8,900	38,300	11,200	3	6,734	11,441	18	457	55	17	40	13	
4	BEM0490*S4H^A	BMF370	34,050	10,000	44,850	13,150	4	8,786	14,928	18	457	55	17	40	13	
4	BEM0620*S4H^A	BMF440	41,750	12,250	56,700	16,600	4	8,400	14,272	18	457	55	17	40	13	

			R-407A/R-407F		R-407C											
			Application Capacity[1]		Application Capacity[1]		Fan Data			Air Throw						
			10°F TD/ -20°F SST	6°C TD/ -29°C SST	10°F TD/ -20°F SST	6°C TD/ -29°C SST				Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)		
FPI	New Model	Legacy Model	BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m	
6	BEM0250*S6H^A	BMG190	19,900	5,850	18,850	5,500	2	4,095	6,957	18	457	55	17	40	13	
6	BEM0300*S6H^A	BMG260	26,200	7,700	26,200	7,700	2	4,345	7,382	18	457	55	17	40	13	
6	BEM0370*S6H^A	BMG310	31,300	9,150	31,300	9,150	3	6,807	11,565	18	457	55	17	40	13	
6	BEM0475*S6H^A	BMG390	39,550	11,600	39,550	11,600	3	6,517	11,072	18	457	55	17	40	13	
6	BEM0595*S6H^A	BMG430	45,200	13,250	42,800	12,550	4	8,496	14,435	18	457	55	17	40	13	
6	BEM0735*S6H^A	BMG520	56,350	16,500	52,450	15,350	4	8,110	13,779	18	457	55	17	40	13	
4	BEM0225*S4H^A	BMF165	17,250	5,050	17,250	5,050	2	4,731	8,038	18	457	55	17	40	13	
4	BEM0250*S4H^A	BMF220	22,100	6,500	22,100	6,500	2	4,538	7,710	18	457	55	17	40	13	
4	BEM0325*S4H^A	BMF250	25,650	7,500	24,850	7,300	3	7,096	12,056	18	457	55	17	40	13	
4	BEM0420*S4H^A	BMF330	33,600	9,850	33,600	9,850	3	6,734	11,441	18	457	55	17	40	13	
4	BEM0490*S4H^A	BMF370	37,250	10,900	36,800	10,800	4	8,786	14,928	18	457	55	17	40	13	
4	BEM0620*S4H^A	BMF440	47,150	13,800	44,600	13,050	4	8,400	14,272	18	457	55	17	40	13	

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)

† = For single 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)

Net Capacity is available upon request

A2L PERFORMANCE DATA

Application Capacity: Medium Temperature Hot Gas Defrost- 60 Hz (For EC and PSC Motors)

Please consult AWEF table on page 56 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) if using Saturated Suction Temperatures different than listed in the information below

	R454A/R-454C/ R-455A			R-454A/R-454C/ R-455A									
	Application Capacity[1]			Application Capacity[1]			Fan Data		Air Throw		Minimum Room [2] Area (sq. ft.)		
	10°F TD/25°F SST			6°C TD/-4°C SST									
New Model	R454A	R454C	R455A	R454A	R454C	R455A	No. of Fans	CFM Data	Ft. Diffused (Opt.)	Ft. Extended (Std.)	R455A	R454C	R454A
BEM0225*Y4H^A	22,250	21,500	24,400	6,550	6,350	7,200	2	4,731	45	60	80	120	124
BEM0250*Y4H^A	27,550	26,200	30,300	8,100	7,700	8,900	2	4,731	45	60	117	175	181
BEM0250*Y6H^A	30,800	23,650	33,550	9,050	6,950	9,850	2	4,538	45	60	80	120	124
BEM0300*Y6H^A	32,100	30,250	35,150	9,450	8,900	10,300	2	4,345	45	60	117	175	181
BEM0325*Y4H^A	33,700	32,650	37,000	9,900	9,600	10,850	3	7,096	45	60	124	185	192
BEM0370*Y6H^A	39,850	34,400	40,900	11,700	10,100	12,000	3	6,807	45	60	124	185	192
BEM0420*Y4H^A	41,450	39,550	45,800	12,200	11,600	13,450	3	6,734	45	60	141	211	218
BEM0475*Y6H^A	53,150	50,300	58,400	15,600	14,750	17,150	3	6,517	45	60	141	211	218
BEM0490*Y4H^A	46,100	44,450	59,650	13,550	13,050	17,500	4	8,786	45	60	184	274	283
BEM0595*Y6H^A	61,300	60,750	66,900	18,000	17,850	19,650	4	8,496	45	60	184	274	284
BEM0620*Y4H^A	61,800	54,250	66,200	18,150	15,900	19,450	4	8,400	45	60	188	279	288
BEM0735*Y6H^A	72,800	68,800	80,500	21,350	20,200	23,600	4	8,110	45	60	188	279	288

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

[2] = Room Area Minimum is calculated using 20 ft line length from the Safety Shut-off Valve (SSOV) to the unit cooler and using electric drain pan. For applications that require other line lengths, please contact a Heatcraft representative for Room Area Minimum re-calculation.

A1 PERFORMANCE DATA

Application Capacity: Medium Temperature Hot Gas Defrost- 60 Hz (For EC and PSC Motors)

Please consult AWEF table on page 56 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) if using Saturated Suction Temperatures different than listed in the information below

			R-404A/R-507A		R-448A/R-449A					Air Throw					
			Application Capacity[1]		Application Capacity[1]		Fan Data			Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)	
FPI	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	in.	mm	ft.	m	ft.	m
6	BEM0250*S6H^A	BMG190	22,750	6,650	29,000	8,500	2	4,450	7,731	18	457	60	18.5	45	14
6	BEM0300*S6H^A	BMG260	29,900	8,750	34,350	10,050	2	4,350	7,391	18	457	60	18.5	45	14
6	BEM0370*S6H^A	BMG310	35,650	10,450	42,500	12,450	3	6,800	11,553	18	457	60	18.5	45	14
6	BEM0475*S6H^A	BMG390	44,850	13,150	54,650	16,000	3	6,500	11,044	18	457	60	18.5	45	14
6	BEM0595*S6H^A	BMG430	49,450	14,500	68,600	20,100	4	8,500	14,442	18	457	60	18.5	45	14
6	BEM0735*S6H^A	BMG520	62,350	18,250	85,100	24,950	4	8,100	13,762	18	457	60	18.5	45	14
4	BEM0225*S4H^A	BMF165	19,850	5,800	25,650	7,500	2	4,750	8,070	18	457	60	18.5	45	14
4	BEM0250*S4H^A	BMF220	25,300	7,400	27,600	8,100	2	4,550	7,731	18	457	60	18.5	45	14
4	BEM0325*S4H^A	BMF250	29,000	8,500	37,700	11,050	3	7,100	12,063	18	457	60	18.5	45	14
4	BEM0420*S4H^A	BMF330	37,950	11,100	48,300	14,150	3	6,750	11,468	18	457	60	18.5	45	14
4	BEM0490*S4H^A	BMF370	42,500	12,450	56,550	16,550	4	8,800	14,951	18	457	60	18.5	45	14
4	BEM0620*S4H^A	BMF440	52,650	15,450	71,500	20,950	4	8,400	14,272	18	457	60	18.5	45	14

			R-407A/R-407F		R-407C					Air Throw					
			Application Capacity[1]		Application Capacity[1]		Fan Data			Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)	
FPI	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	in.	mm	ft.	m	ft.	m
6	BEM0250*S6H^A	BMG190	25,100	7,350	23,600	6,900	2	4,450	7,731	18	457	60	18.5	45	14
6	BEM0300*S6H^A	BMG260	32,750	9,600	32,800	9,600	2	4,350	7,391	18	457	60	18.5	45	14
6	BEM0370*S6H^A	BMG310	39,100	11,450	39,100	11,450	3	6,800	11,553	18	457	60	18.5	45	14
6	BEM0475*S6H^A	BMG390	49,450	14,500	49,450	14,500	3	6,500	11,044	18	457	60	18.5	45	14
6	BEM0595*S6H^A	BMG430	57,000	16,700	53,500	15,700	4	8,500	14,442	18	457	60	18.5	45	14
6	BEM0735*S6H^A	BMG520	71,000	20,800	65,550	19,200	4	8,100	13,762	18	457	60	18.5	45	14
4	BEM0225*S4H^A	BMF165	21,750	6,350	20,700	6,050	2	4,750	8,070	18	457	60	18.5	45	14
4	BEM0250*S4H^A	BMF220	27,600	8,100	27,600	8,100	2	4,550	7,731	18	457	60	18.5	45	14
4	BEM0325*S4H^A	BMF250	32,350	9,500	31,050	9,100	3	7,100	12,063	18	457	60	18.5	45	14
4	BEM0420*S4H^A	BMF330	41,950	12,300	41,950	12,300	3	6,750	11,468	18	457	60	18.5	45	14
4	BEM0490*S4H^A	BMF370	46,850	13,750	46,000	13,500	4	8,800	14,951	18	457	60	18.5	45	14
4	BEM0620*S4H^A	BMF440	59,500	17,450	55,750	16,350	4	8,400	14,272	18	457	60	18.5	45	14

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

A1 PERFORMANCE DATA

Application Capacity: Medium Temperature Hot Gas Defrost- 50 Hz (For PSC Motors)†

Please consult AWEF table on page 56 to confirm model meets DOE minimum AWEF

Please refer to Table 1: Capacity Correction Factors (page 6) 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			Air Throw						
			10°F TD/ 25°F SST	6°C TD/ -4°C SST	10°F TD/ 25°F SST	6°C TD/ -4°C SST				Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)	
FPI	New Model	Legacy Model	BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m
6	BEM0250*S6H^A	BMG190	20,950	6,150	26,700	7,800	2	4,095	6,957	18	457	55	17	40	13
6	BEM0300*S6H^A	BMG260	27,500	8,050	31,600	9,250	2	4,345	7,382	18	457	55	17	40	13
6	BEM0370*S6H^A	BMG310	32,800	9,600	39,100	11,450	3	6,807	11,565	18	457	55	17	40	13
6	BEM0475*S6H^A	BMG390	41,250	12,100	50,300	14,750	3	6,517	11,072	18	457	55	17	40	13
6	BEM0595*S6H^A	BMG430	45,500	13,350	63,100	18,500	4	8,496	14,435	18	457	55	17	40	13
6	BEM0735*S6H^A	BMG520	57,350	16,800	78,300	22,950	4	8,110	13,779	18	457	55	17	40	13
4	BEM0225*S4H^A	BMF165	18,250	5,350	23,600	6,900	2	4,731	8,038	18	457	55	17	40	13
4	BEM0250*S4H^A	BMF220	23,300	6,850	25,400	7,450	2	4,538	7,710	18	457	55	17	40	13
4	BEM0325*S4H^A	BMF250	26,700	7,800	34,700	10,150	3	7,096	12,056	18	457	55	17	40	13
4	BEM0420*S4H^A	BMF330	34,900	10,250	44,450	13,050	3	6,734	11,441	18	457	55	17	40	13
4	BEM0490*S4H^A	BMF370	39,150	11,450	52,050	15,250	4	8,786	14,928	18	457	55	17	40	13
4	BEM0620*S4H^A	BMF440	48,450	14,200	65,800	19,300	4	8,400	14,272	18	457	55	17	40	13

			R-407A/R-407F		R-407C											
			Application Capacity[1]		Application Capacity[1]		Fan Data			Air Throw						
			10°F TD/ 25°F SST	6°C TD/ -4°C SST	10°F TD/ 25°F SST	6°C TD/ -4°C SST				Diameter		Standard (Molded Fan Guard)		Diffused (Wire Fan Guard)	
FPI	New Model	Legacy Model	BTUH	Watts	BTUH	Watts	No. of Fans	CFM	m^3H	in.	mm	ft.	m	ft.	m
6	BEM0250*S6H^A	BMG190	23,100	6,750	21,700	6,350	2	4,095	6,957	18	457	55	17	40	13
6	BEM0300*S6H^A	BMG260	30,150	8,850	30,200	8,850	2	4,345	7,382	18	457	55	17	40	13
6	BEM0370*S6H^A	BMG310	35,950	10,550	35,950	10,550	3	6,807	11,565	18	457	55	17	40	13
6	BEM0475*S6H^A	BMG390	45,500	13,350	45,500	13,350	3	6,517	11,072	18	457	55	17	40	13
6	BEM0595*S6H^A	BMG430	52,450	15,350	49,200	14,400	4	8,496	14,435	18	457	55	17	40	13
6	BEM0735*S6H^A	BMG520	65,300	19,150	60,300	17,650	4	8,110	13,779	18	457	55	17	40	13
4	BEM0225*S4H^A	BMF165	20,000	5,850	19,050	5,600	2	4,731	8,038	18	457	55	17	40	13
4	BEM0250*S4H^A	BMF220	25,400	7,450	25,400	7,450	2	4,538	7,710	18	457	55	17	40	13
4	BEM0325*S4H^A	BMF250	29,750	8,700	28,550	8,350	3	7,096	12,056	18	457	55	17	40	13
4	BEM0420*S4H^A	BMF330	38,600	11,300	38,600	11,300	3	6,734	11,441	18	457	55	17	40	13
4	BEM0490*S4H^A	BMF370	43,100	12,650	42,300	12,400	4	8,786	14,928	18	457	55	17	40	13
4	BEM0620*S4H^A	BMF440	54,750	16,050	51,300	15,050	4	8,400	14,272	18	457	55	17	40	13

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)

† = For single 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)

Net Capacity is available upon request

A2L SPECIFICATIONS

Hot Gas Defrost- 60 Hz

Please consult AWEF table on page 56 to confirm model meets DOE minimum AWEF

		EC Motors (includes 2-Speed, Fixed Speed and VSEC)					EC Motors (includes 2-Speed, Fixed Speed and VSEC)					EC Motors (includes 2-Speed, Fixed Speed)				
		115/1/60					208-230/1/60					460/1/60				
FPI	New Model	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD
4	BEM0225*Y4H^A	1/4	7.0	419	15	20	1/4	3.5	426	15	20	1/3	3.2	382	15	15
4	BEM0250*Y4H^A	1/4	7.0	419	15	20	1/4	3.5	426	15	20	1/3	3.2	382	15	15
4	BEM0325*Y4H^A	1/4	10.4	628	15	20	1/4	5.2	638	15	20	1/3	4.8	573	15	15
4	BEM0420*Y4H^A	1/4	10.4	628	15	20	1/4	5.2	638	15	20	1/3	4.8	573	15	15
4	BEM0490*Y4H^A	1/4	13.9	838	20	25	1/4	7.0	851	15	20	1/3	6.4	764	15	15
4	BEM0620*Y4H^A	1/4	13.9	838	20	25	1/4	7.0	851	15	20	1/3	6.4	764	15	15
6	BEM0250*Y6H^A	1/4	7.0	419	15	20	1/4	3.5	426	15	20	1/3	3.2	382	15	15
6	BEM0300*Y6H^A	1/4	7.0	419	15	20	1/4	3.5	426	15	20	1/3	3.2	382	15	15
6	BEM0370*Y6H^A	1/4	10.4	628	15	20	1/4	5.2	638	15	20	1/3	4.8	573	15	15
6	BEM0475*Y6H^A	1/4	10.4	628	15	20	1/4	5.2	638	15	20	1/3	4.8	573	15	15
6	BEM0595*Y6H^A	1/4	13.9	838	20	25	1/4	7.0	851	15	20	1/3	6.4	764	15	15
6	BEM0735*Y6H^A	1/4	13.9	838	20	25	1/4	7.0	851	15	20	1/3	6.4	764	15	15

		Drain Pan Heaters							
		115/1/60		230/1/60		460/1/60		575/1/60	
FPI	New Model	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps
4	BEM0225*Y4H^A	950	8.3	950	4.1	950	2.1	950	1.7
4	BEM0250*Y4H^A	950	8.3	950	4.1	950	2.1	950	1.7
4	BEM0325*Y4H^A	1,350	11.7	1,350	5.9	1,350	2.9	1,350	2.4
4	BEM0420*Y4H^A	1,350	11.7	1,350	5.9	1,350	2.9	1,350	2.4
4	BEM0490*Y4H^A	1,800	15.7	1,800	7.8	1,800	3.9	1,800	3.1
4	BEM0620*Y4H^A	1,800	15.7	1,800	7.8	1,800	3.9	1,800	3.1
6	BEM0250*Y6H^A	950	8.3	950	4.1	950	2.1	950	1.7
6	BEM0300*Y6H^A	950	8.3	950	4.1	950	2.1	950	1.7
6	BEM0370*Y6H^A	1,350	11.7	1,350	5.9	1,350	2.9	1,350	2.4
6	BEM0475*Y6H^A	1,350	11.7	1,350	5.9	1,350	2.9	1,350	2.4
6	BEM0595*Y6H^A	1,800	15.7	1,800	7.8	1,800	3.9	1,800	3.1
6	BEM0735*Y6H^A	1,800	15.7	1,800	7.8	1,800	3.9	1,800	3.1

Notes:

* = Electrical Code Designator (see Nomenclature details)
^ = Motor Code Designator (see Nomenclature details)
± = Refriferant Designator (See Nomenclature details)

A2L SPECIFICATIONS

Hot Gas Defrost- 60 Hz

Please consult AWEF table on page 56 to confirm model meets DOE minimum AWEF

		PSC Motors (includes Standard and Totally Enclosed)									
		115/1/60					208-230/3/60				
FPI	New Model	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD
4	BEM0225*Y4H^A	1/4	8.0	600	15	20	1/4	3.6	610	15	20
4	BEM0250*Y4H^A	1/4	8.0	600	15	20	1/4	3.6	610	15	20
4	BEM0325*Y4H^A	1/4	12.0	900	15	20	1/4	5.4	915	15	20
4	BEM0420*Y4H^A	1/4	12.0	900	15	20	1/4	5.4	915	15	20
4	BEM0490*Y4H^A	1/4	16.0	1,200	20	25	1/4	7.2	1,220	15	20
4	BEM0620*Y4H^A	1/4	16.0	1,200	20	25	1/4	7.2	1,220	15	20
6	BEM0250*Y6H^A	1/4	8.0	600	15	20	1/4	3.6	610	15	20
6	BEM0300*Y6H^A	1/4	8.0	600	15	20	1/4	3.6	610	15	20
6	BEM0370*Y6H^A	1/4	12.0	900	15	20	1/4	5.4	915	15	20
6	BEM0475*Y6H^A	1/4	12.0	900	15	20	1/4	5.4	915	15	20
6	BEM0595*Y6H^A	1/4	16.0	1,200	20	25	1/4	7.2	1,220	15	20
6	BEM0735*Y6H^A	1/4	16.0	1,200	20	25	1/4	7.2	1,220	15	20

		PSC Motors (includes Standard and Totally Enclosed)									
		460/1/60					575/1/60				
FPI	New Model	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD
4	BEM0225*Y4H^A	1/4	2.0	610	15	15	1/3	1.5	610	15	15
4	BEM0250*Y4H^A	1/4	2.0	610	15	15	1/3	1.5	610	15	15
4	BEM0325*Y4H^A	1/4	3.0	915	15	15	1/3	2.3	915	15	15
4	BEM0420*Y4H^A	1/4	3.0	915	15	15	1/3	2.3	915	15	15
4	BEM0490*Y4H^A	1/4	4.0	1,220	15	15	1/3	3.0	1,220	15	15
4	BEM0620*Y4H^A	1/4	4.0	1,220	15	15	1/3	3.0	1,220	15	15
6	BEM0250*Y6H^A	1/4	2.0	610	15	15	1/3	1.5	610	15	15
6	BEM0300*Y6H^A	1/4	2.0	610	15	15	1/3	1.5	610	15	15
6	BEM0370*Y6H^A	1/4	3.0	915	15	15	1/3	2.3	915	15	15
6	BEM0475*Y6H^A	1/4	3.0	915	15	15	1/3	2.3	915	15	15
6	BEM0595*Y6H^A	1/4	4.0	1,220	15	15	1/3	3.0	1,220	15	15
6	BEM0735*Y6H^A	1/4	4.0	1,220	15	15	1/3	3.0	1,220	15	15

Notes:

* = Electrical Code Designator (see Nomenclature details)
^ = Motor Code Designator (see Nomenclature details)
± = Refriferant Designator (See Nomenclature details)

A1 SPECIFICATIONS

Hot Gas Defrost- 60 Hz

Please consult AWEF table on page 56 to confirm model meets DOE minimum AWEF

			EC Motors (includes 2-Speed, Fixed Speed and VSEC)				EC Motors (includes 2-Speed, Fixed Speed and VSEC)					EC Motors (includes 2-Speed, Fixed Speed)					Drain Pan Heaters			
			115/1/60				208-230/1/60					460/1/60					Watts	115/1/60	208-230/1/60	460/1/60
FPI	New Model	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD		Total Amps		
6	BEM0250*S6H^A	1/4	7.0	417	15	20	1/4	3.5	417	15	20	1/3	3.2	382	15	15	950	8.3	4.1	2.1
6	BEM0300*S6H^A	1/4	7.0	417	15	20	1/4	3.5	417	15	20	1/3	3.2	382	15	15	950	8.3	4.1	2.1
6	BEM0370*S6H^A	1/4	10.4	625	15	20	1/4	5.2	625	15	20	1/3	4.8	573	15	15	1,350	11.7	5.9	2.9
6	BEM0475*S6H^A	1/4	10.4	625	15	20	1/4	5.2	625	15	20	1/3	4.8	573	15	15	1,350	11.7	5.9	2.9
6	BEM0595*S6H^A	1/4	13.9	834	20	25	1/4	7.0	834	15	20	1/3	6.4	764	15	15	1,800	15.7	7.8	3.9
6	BEM0735*S6H^A	1/4	13.9	834	20	25	1/4	7.0	834	15	20	1/3	6.4	764	15	15	1,800	15.7	7.8	3.9
4	BEM0225*S4H^A	1/4	7.0	417	15	20	1/4	3.5	417	15	20	1/3	3.2	382	15	15	950	8.3	4.1	2.1
4	BEM0250*S4H^A	1/4	7.0	417	15	20	1/4	3.5	417	15	20	1/3	3.2	382	15	15	950	8.3	4.1	2.1
4	BEM0325*S4H^A	1/4	10.4	625	15	20	1/4	5.2	625	15	20	1/3	4.8	573	15	15	1,350	11.7	5.9	2.9
4	BEM0420*S4H^A	1/4	10.4	625	15	20	1/4	5.2	625	15	20	1/3	4.8	573	15	15	1,350	11.7	5.9	2.9
4	BEM0490*S4H^A	1/4	13.9	834	20	25	1/4	7.0	834	15	20	1/3	6.4	764	15	15	1,800	15.7	7.8	3.9
4	BEM0620*S4H^A	1/4	13.9	834	20	25	1/4	7.0	834	15	20	1/3	6.4	764	15	15	1,800	15.7	7.8	3.9

			PSC Motors (includes Standard and Totally-Enclosed)														Drain Pan Heaters			
			115/1/60				208-230/1/60					460/1/60					Watts	115/1/60	208-230/1/60	460/1/60
FPI	New Model	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD	HP	Amps	Watts	MCA	MOPD		Total Amps		
6	BEM0250*S6H^A	1/4	8.0	600	15	20	1/4	3.6	610	15	20	1/4	2.0	610	15	15	950	8.3	4.1	2.1
6	BEM0300*S6H^A	1/4	8.0	600	15	20	1/4	3.6	610	15	20	1/4	2.0	610	15	15	950	8.3	4.1	2.1
6	BEM0370*S6H^A	1/4	12.0	900	15	20	1/4	5.4	915	15	20	1/4	3.0	915	15	15	1,350	11.7	5.9	2.9
6	BEM0475*S6H^A	1/4	12.0	900	15	20	1/4	5.4	915	15	20	1/4	3.0	915	15	15	1,350	11.7	5.9	2.9
6	BEM0595*S6H^A	1/4	16.0	1,200	20	25	1/4	7.2	1,220	15	20	1/4	4.0	1,220	15	15	1,800	15.7	7.8	3.9
6	BEM0735*S6H^A	1/4	16.0	1,200	20	25	1/4	7.2	1,200	15	20	1/4	4.0	1,220	15	15	1,800	15.7	7.8	3.9
4	BEM0225*S4H^A	1/4	8.0	600	15	20	1/4	3.6	610	15	20	1/4	2.0	610	15	15	950	8.3	4.1	2.1
4	BEM0250*S4H^A	1/4	8.0	600	15	20	1/4	3.6	610	15	20	1/4	2.0	610	15	15	950	8.3	4.1	2.1
4	BEM0325*S4H^A	1/4	12.0	900	15	20	1/4	5.4	915	15	20	1/4	3.0	915	15	15	1,350	11.7	5.9	2.9
4	BEM0420*S4H^A	1/4	12.0	900	15	20	1/4	5.4	915	15	20	1/4	3.0	915	15	15	1,350	11.7	5.9	2.9
4	BEM0490*S4H^A	1/4	16.0	1,200	20	25	1/4	7.2	1,220	15	20	1/4	4.0	1,220	15	15	1,800	15.7	7.8	3.9
4	BEM0620*S4H^A	1/4	16.0	1,200	20	25	1/4	7.2	1,200	15	20	1/4	4.0	1,220	15	15	1,800	15.7	7.8	3.9

Notes:

* = Electrical Code Designator (see Nomenclature details)

^ = Motor Code Designator (see Nomenclature details)

A1 SPECIFICATIONS

Hot Gas Defrost- 50 Hz

Please consult AWEF table on page 56 to confirm model meets DOE minimum AWEF

			EC Motors (includes 2-speed, Fixed Speed and VSEC)								Drain Pan Heaters		
			110/1/50				220/1/50				Watts	110/1/50	220/1/50
FPI	New Model	HP	Amps	Watts	MCA	MOPD	Amps	Watts	MCA	MOPD		Total Amps	
6	BEM0250*S6H^A	1/4	7.0	417	15	20	3.5	417	15	20	860	7.8	3.9
6	BEM0300*S6H^A	1/4	7.0	417	15	20	3.5	417	15	20	860	7.8	3.9
6	BEM0370*S6H^A	1/4	10.4	625	15	20	5.2	625	15	20	1,230	11.2	5.6
6	BEM0475*S6H^A	1/4	10.4	625	15	20	5.2	625	15	20	1,230	11.2	5.6
6	BEM0595*S6H^A	1/4	13.9	834	20	25	7.0	834	15	20	1,650	15.0	7.5
6	BEM0735*S6H^A	1/4	13.9	834	20	25	7.0	834	15	20	1,650	15.0	7.5
4	BEM0225*S4H^A	1/4	7.0	417	15	20	3.5	417	15	20	860	7.8	3.9
4	BEM0250*S4H^A	1/4	7.0	417	15	20	3.5	417	15	20	860	7.8	3.9
4	BEM0325*S4H^A	1/4	10.4	625	15	20	5.2	625	15	20	1,230	11.2	5.6
4	BEM0420*S4H^A	1/4	10.4	625	15	20	5.2	625	15	20	1,230	11.2	5.6
4	BEM0490*S4H^A	1/4	13.9	834	20	25	7.0	834	15	20	1,650	15.0	7.5
4	BEM0620*S4H^A	1/4	13.9	834	20	25	7.0	834	15	20	1,650	15.0	7.5

			PSC Motors (includes Standard and Totally-Enclosed)								Drain Pan Heaters		
			110/1/50				220/1/50				Watts	110/1/50	220/1/50
FPI	New Model	HP	Amps	Watts	MCA	MOPD	Amps	Watts	MCA	MOPD		Total Amps	
6	BEM0250*S6H^A	1/4	8.0	600	15	20	3.6	610	15	20	860	7.8	3.9
6	BEM0300*S6H^A	1/4	8.0	600	15	20	3.6	610	15	20	860	7.8	3.9
6	BEM0370*S6H^A	1/4	12.0	900	15	20	5.4	915	15	20	1,230	11.2	5.6
6	BEM0475*S6H^A	1/4	12.0	900	15	20	5.4	915	15	20	1,230	11.2	5.6
6	BEM0595*S6H^A	1/4	16.0	1,200	20	25	7.2	1,220	15	20	1,650	15.0	7.5
6	BEM0735*S6H^A	1/4	16.0	1,200	20	25	7.2	1,220	15	20	1,650	15.0	7.5
4	BEM0225*S4H^A	1/4	8.0	600	15	20	3.6	610	15	20	860	7.8	3.9
4	BEM0250*S4H^A	1/4	8.0	600	15	20	3.6	610	15	20	860	7.8	3.9
4	BEM0325*S4H^A	1/4	12.0	900	15	20	5.4	915	15	20	1,230	11.2	5.6
4	BEM0420*S4H^A	1/4	12.0	900	15	20	5.4	915	15	20	1,230	11.2	5.6
4	BEM0490*S4H^A	1/4	16.0	1,200	20	25	7.2	1,220	15	20	1,650	15.0	7.5
4	BEM0620*S4H^A	1/4	16.0	1,200	20	25	7.2	1,220	15	20	1,650	15.0	7.5

Notes:

* = Electrical Code Designator (see Nomenclature details)
^ = Motor Code Designator (see Nomenclature details)

A2L PHYSICAL DATA

Air Defrost

FPI	Model	No. of Fans	Coil Inlet OD	Suction OD	Equalizer OD	Drain MPT	Approx. Net Weight	
							Lbs.	Kg
8	BEM0185*Y8A^A	1	1/2	7/8	1/4	3/4	140	64
8	BEM0225*Y8A^A	1	1/2	1 1/8	1/4	3/4	149	68
8	BEM0405*Y8A^A	2	7/8	1 3/8	1/4	3/4	163	74
8	BEM0475*Y8A^A	2	7/8	1 3/8	1/4	3/4	180	82
8	BEM0575*Y8A^A	3	7/8	1 3/8	1/4	3/4	243	110
8	BEM0675*Y8A^A	3	1 1/8	1 3/8	1/4	3/4	276	125
8	BEM0775*Y8A^A	4	1 1/8	1 5/8	1/4	3/4	279	127
8	BEM0975*Y8A^A	4	1 3/8	1 5/8	1/4	3/4	310	141
8	BEM1115*Y8A^A	5	1 3/8	1 5/8	1/4	3/4	346	157

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

A1 PHYSICAL DATA

Air Defrost (R-404A/R-507A,R-448A/R-449A,R-407A/R-407F/R-407C)

							Approx. Net Weight		Approx. Ship Weight	
FPI	Model	No. of Fans	Coil Inlet OD	Suction OD	Equalizer OD	Drain MPT	Lbs.	Kg	Lbs.	Kg
8	BEM0185*S8A^B	1	1/2	7/8	1/4	3/4	152	69	261	118
8	BEM0225*S8A^B	1	1/2	7/8	1/4	3/4	152	69	261	118
8	BEM0405*S8A^B	2	7/8	1-3/8	1/4	3/4	184	83	335	152
8	BEM0475*S8A^B	2	7/8	1-3/8	1/4	3/4	184	83	335	152
8	BEM0575*S8A^B	3	1-1/8	1-3/8	1/4	3/4	281	127	460	209
8	BEM0675*S8A^B	3	1-1/8	1-3/8	1/4	3/4	281	127	460	209
8	BEM0775*S8A^B	4	1-3/8	1-5/8	1/4	3/4	316	143	543	246
8	BEM0975*S8A^B	4	1-3/8	1-5/8	1/4	3/4	316	143	543	246
8	BEM1115*S8A^B	5	1-3/8	1-5/8	1/4	3/4	353	160	607	275

Air Defrost (CO_2DX)

							Approx. Net Weight		Approx. Ship Weight	
FPI	Model	No. of Fans	Coil Inlet OD	Suction OD	Equalizer OD	Drain MPT	Lbs.	Kg	Lbs.	Kg
8	BEM0185*C8A^A	1	3/8	3/8	N/A	3/4	152	69	261	118
8	BEM0225*C8A^A	1	3/8	3/8	N/A	3/4	152	69	261	118
8	BEM0405*C8A^A	2	3/8	1/2	N/A	3/4	184	83	335	152
8	BEM0475*C8A^A	2	1/2	1/2	N/A	3/4	184	83	335	152
8	BEM0575*C8A^A	3	1/2	5/8	N/A	3/4	281	127	460	209
8	BEM0675*C8A^A	3	1/2	5/8	N/A	3/4	281	127	460	209
8	BEM0775*C8A^A	4	1/2	5/8	N/A	3/4	316	143	543	246
8	BEM0975*C8A^A	4	1/2	7/8	N/A	3/4	316	143	543	246
8	BEM1115*C8A^A	5	1/2	7/8	N/A	3/4	353	160	607	275

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

A2L PHYSICAL DATA

Electric Defrost

							Approx. Net Weight	
FPI	Model	No. of Fans	Coil Inlet OD	Suction OD	Equalizer OD	Drain MPT	Lbs.	Kg
4	BEM0125*Y4E^A	1	1/2	7/8	1/4	3/4	152	69
4	BEM0225*Y4E^A	2	7/8	1 3/8	1/4	3/4	165	75
4	BEM0250*Y4E^A	2	1 1/8	1 3/8	1/4	3/4	183	83
4	BEM0325*Y4E^A	3	1 1/8	1 5/8	1/4	3/4	252	114
4	BEM0420*Y4E^A	3	1 3/8	1 5/8	1/4	3/4	284	129
4	BEM0490*Y4E^A	4	1 1/8	1 5/8	1/4	3/4	318	144
4	BEM0620*Y4E^A	4	1 3/8	1 5/8	1/4	3/4	358	162
4	BEM0720*Y4E^A	5	1 3/8	1 5/8	1/4	3/4	403	183
6	BEM0125*Y6E^A	1	1/2	7/8	1/4	3/4	143	65
6	BEM0135*Y6E^A	1	1/2	7/8	1/4	3/4	153	69
6	BEM0250*Y6E^A	2	7/8	1 3/8	1/4	3/4	168	76
6	BEM0300*Y6E^A	2	1 1/8	1 3/8	1/4	3/4	186	84
6	BEM0370*Y6E^A	3	1 1/8	1 5/8	1/4	3/4	255	116
6	BEM0475*Y6E^A	3	1 3/8	1 5/8	1/4	3/4	288	131
6	BEM0595*Y6E^A	4	1 1/8	1 5/8	1/4	3/4	324	147
6	BEM0735*Y6E^A	4	1 3/8	1 5/8	1/4	3/4	365	166
6	BEM0850*Y6E^A	5	1 3/8	1 5/8	1/4	3/4	411	186

A1 PHYSICAL DATA

Electric Defrost (R-404A/R-507A,R-448A/R-449A,R-407A/R-407F/R-407C)

							Approx. Net Weight		Approx. Ship Weight	
FPI	Model	No. of Fans	Coil Inlet OD	Suction OD	Equalizer OD	Drain MPT	Lbs.	Kg	Lbs.	Kg
6	BEM0125*S6E^A	1	1/2	7/8	1/4	3/4	143	65	253	115
6	BEM0135*S6E^A	1	1/2	7/8	1/4	3/4	153	69	262	119
6	BEM0250*S6E^A	2	7/8	1-3/8	1/4	3/4	168	76	319	145
6	BEM0300*S6E^A	2	1-1/8	1-3/8	1/4	3/4	186	84	337	153
6	BEM0370*S6E^A	3	1-1/8	1-5/8	1/4	3/4	255	116	434	197
6	BEM0475*S6E^A	3	1-3/8	1-5/8	1/4	3/4	288	131	466	212
6	BEM0595*S6E^A	4	1-1/8	1-5/8	1/4	3/4	324	147	551	250
6	BEM0735*S6E^A	4	1-3/8	1-5/8	1/4	3/4	365	165	591	268
6	BEM0850*S6E^A	5	1-3/8	1-5/8	1/4	3/4	411	186	665	302
4	BEM0125*S4E^A	1	1/2	7/8	1/4	3/4	152	69	261	119
4	BEM0225*S4E^A	2	7/8	1-3/8	1/4	3/4	165	75	316	143
4	BEM0250*S4E^A	2	1-1/8	1-3/8	1/4	3/4	183	83	334	152
4	BEM0325*S4E^A	3	1-1/8	1-5/8	1/4	3/4	252	114	430	195
4	BEM0420*S4E^A	3	1-3/8	1-5/8	1/4	3/4	284	129	463	210
4	BEM0490*S4E^A	4	1-1/8	1-5/8	1/4	3/4	318	144	545	247
4	BEM0620*S4E^A	4	1-3/8	1-5/8	1/4	3/4	358	163	585	265
4	BEM0720*S4E^A	5	1-3/8	1-5/8	1/4	3/4	403	183	658	298

Electric Defrost (CO_2DX)

							Approx. Net Weight		Approx. Ship Weight	
FPI	Model	No. of Fans	Coil Inlet OD	Suction OD	Equalizer OD	Drain MPT	Lbs.	Kg	Lbs.	Kg
6	BEM0125*C6E^A	1	3/8	3/8	N/A	3/4	143	65	253	115
6	BEM0135*C6E^A	1	3/8	3/8	N/A	3/4	153	69	262	119
6	BEM0250*C6E^A	2	3/8	1/2	N/A	3/4	168	76	319	145
6	BEM0300*C6E^A	2	3/8	1/2	N/A	3/4	186	84	337	153
6	BEM0370*C6E^A	3	3/8	1/2	N/A	3/4	255	116	434	197
6	BEM0475*C6E^A	3	1/2	1/2	N/A	3/4	288	131	466	212
6	BEM0595*C6E^A	4	1/2	5/8	N/A	3/4	324	147	551	250
6	BEM0735*C6E^A	4	1/2	5/8	N/A	3/4	365	165	591	268
6	BEM0850*C6E^A	5	1/2	7/8	N/A	3/4	411	186	665	302
4	BEM0125*C4E^A	1	3/8	3/8	N/A	3/4	152	69	261	119
4	BEM0225*C4E^A	2	3/8	1/2	N/A	3/4	165	75	316	143
4	BEM0250*C4E^A	2	3/8	1/2	N/A	3/4	183	83	334	152
4	BEM0325*C4E^A	3	3/8	1/2	N/A	3/4	252	114	430	195
4	BEM0420*C4E^A	3	3/8	1/2	N/A	3/4	284	129	463	210
4	BEM0490*C4E^A	4	3/8	1/2	N/A	3/4	318	144	545	247
4	BEM0620*C4E^A	4	1/2	5/8	N/A	3/4	358	163	585	265
4	BEM0720*C4E^A	5	1/2	5/8	N/A	3/4	403	183	658	298

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

A2L PHYSICAL DATA

Hot Gas Defrost

									Approx. Net Weight	
FPI	Model	No. of Fans	Coil Inlet OD	Suction OD	Equalizer OD	Drain MPT	Side Port OD	Hot Gas Pan Conns.OD	Lbs.	Kg
4	BEM0225*Y4H^A	2	7/8	1 3/8	1/4	3/4	5/8	7/8	210	95
4	BEM0250*Y4H^A	2	1 1/8	1 3/8	1/4	3/4	5/8	7/8	228	103
4	BEM0325*Y4H^A	3	1 1/8	1 5/8	1/4	3/4	5/8	7/8	252	114
4	BEM0420*Y4H^A	3	1 3/8	1 5/8	1/4	3/4	5/8	7/8	284	129
4	BEM0490*Y4H^A	4	1 1/8	1 5/8	1/4	3/4	5/8	7/8	318	144
4	BEM0620*Y4H^A	4	1 3/8	1 5/8	1/4	3/4	5/8	7/8	358	162
6	BEM0250*Y6H^A	2	7/8	1 3/8	1/4	3/4	5/8	7/8	213	97
6	BEM0300*Y6H^A	2	1 1/8	1 3/8	1/4	3/4	5/8	7/8	231	105
6	BEM0370*Y6H^A	3	1 1/8	1 5/8	1/4	3/4	5/8	7/8	255	116
6	BEM0475*Y6H^A	3	1 3/8	1 5/8	1/4	3/4	5/8	7/8	288	131
6	BEM0595*Y6H^A	4	1 1/8	1 5/8	1/4	3/4	5/8	7/8	324	147
6	BEM0735*Y6H^A	4	1 3/8	1 5/8	1/4	3/4	5/8	7/8	365	166

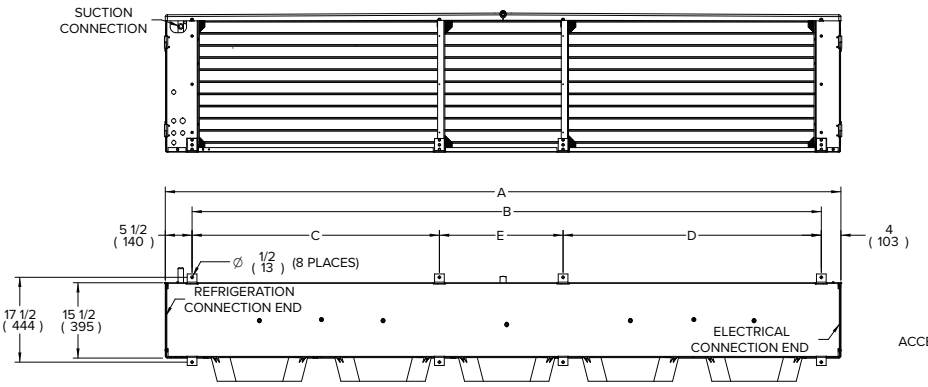
A1 PHYSICAL DATA

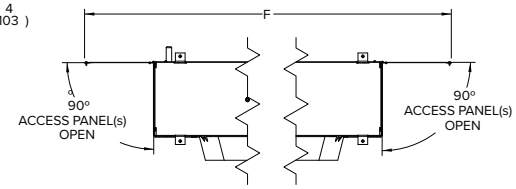
Hot Gas Defrost

FPI	Model	No. of Fans	Coil Inlet OD	Suction OD	Equalizer OD	Drain MPT	Side Port OD	Hot Gas Pan Conns OD	Approx. Net Weight		Approx. Ship Weight	
									Lbs.	Kg	Lbs.	Kg
6	BEM0250*S6H^A	2	7/8	1-3/8	1/4	3/4	5/8	7/8	213	96	364	165
6	BEM0300*S6H^A	2	1-1/8	1-3/8	1/4	3/4	5/8	7/8	231	105	382	173
6	BEM0370*S6H^A	3	1-1/8	1-5/8	1/4	3/4	5/8	7/8	255	116	434	197
6	BEM0475*S6H^A	3	1-3/8	1-5/8	1/4	3/4	5/8	7/8	288	131	466	212
6	BEM0595*S6H^A	4	1-1/8	1-5/8	1/4	3/4	5/8	7/8	324	147	551	250
6	BEM0735*S6H^A	4	1-3/8	1-5/8	1/4	3/4	5/8	7/8	365	165	591	268
4	BEM0225*S4H^A	2	7/8	1-3/8	1/4	3/4	5/8	7/8	210	95	361	164
4	BEM0250*S4H^A	2	1-1/8	1-3/8	1/4	3/4	5/8	7/8	228	104	379	172
4	BEM0325*S4H^A	3	1-1/8	1-5/8	1/4	3/4	5/8	7/8	252	114	430	195
4	BEM0420*S4H^A	3	1-3/8	1-5/8	1/4	3/4	5/8	7/8	284	129	463	210
4	BEM0490*S4H^A	4	1-1/8	1-5/8	1/4	3/4	5/8	7/8	318	144	545	247
4	BEM0620*S4H^A	4	1-3/8	1-5/8	1/4	3/4	5/8	7/8	358	163	585	265

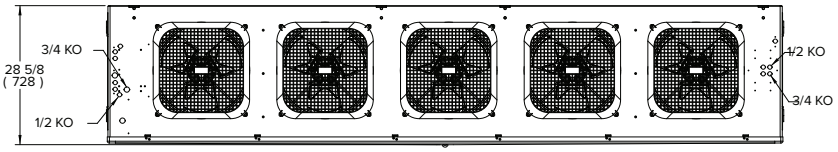
Notes:
* = Electrical Code Designator (see Nomenclature details)
^ = Motor Code Designator (see Nomenclature details)

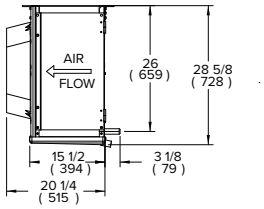
DIMENSIONAL DRAWINGS





HINGED & REMOVABLE ACCESS PANEL(s)





No. of Fans	Unit Dimensions											
	A		B		C		D		E		F	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
1	39 7/8	1,011	30 1/4	768	-	-	-	-	-	-	68 1/4	1,733
2	67 7/8	1,722	58 1/4	1,480	-	-	-	-	-	-	96 1/4	2,444
3	95 7/8	2,434	86 1/4	2,191	-	-	-	-	-	-	124 1/4	3,155
4	123 7/8	3,145	114 1/4	2,902	56	1,422	58 1/4	1,480	-	-	152 1/4	3,866
5	139 3/8	3,539	129 3/4	3,296	51	1,295	53 1/4	1,353	25 1/2	648	167 1/4	4,260

DOE Rated AWEF

AWEF DATA

Air Defrost: 2-Speed EC Motors

FPI	Model	Cooler						
		R-454A	R-454C	R-455A	R-404A/ R-507A	R-448A/ R-449A	R-407A/ R-407F	R-407C
		AWEF	AWEF	AWEF	AWEF	AWEF	AWEF	AWEF
8	BEM0185*+8AM	9.00	9.00	9.00	-	9.00	9.00	9.00
8	BEM0225*+8AM	9.00	9.00	9.00	-	9.00	9.00	9.00
8	BEM0405*+8AM	9.00	9.00	9.00	9.00	9.00	9.00	9.00
8	BEM0475*+8AM	9.00	9.00	9.00	9.00	9.00	9.00	9.00
8	BEM0575*+8AM	9.00	9.00	9.00	9.00	9.00	9.00	9.00
8	BEM0675*+8AM	9.00	9.00	9.00	9.00	9.00	9.00	9.00
8	BEM0775*+8AM	9.00	9.00	9.00	9.00	9.00	9.00	9.00
8	BEM0975*+8AM	9.00	9.00	9.00	9.00	9.00	9.00	9.00
8	BEM1115*+8AM	9.00	9.00	9.00	9.00	9.00	9.00	9.00

CO_2 Air Defrost: 2-Speed EC Motors

FPI	Model	Cooler
		CO_2DX
		AWEF
8	BEM0185*C8AMA	9.00‡
8	BEM0225*C8AMA	9.00‡
8	BEM0405*C8AMA	9.00
8	BEM0475*C8AMA	9.00
8	BEM0575*C8AMA	9.00
8	BEM0675*C8AMA	9.00
8	BEM0775*C8AMA	9.00‡
8	BEM0975*C8AMA	9.00
8	BEM1115*C8AMA	9.00

Notes:
* = Electrical Code Designator (see Nomenclature details)
+ = Refrigerant code designator (See Nomenclature details)
‡ = Based on input conditions selected, may require an AE review

DOE Rated AWEF

AWEF DATA

Electric Defrost : 2 Speed EC motors

FPI	Model	Cooler							
		R-454A	R-454C	R-455A	R-404A/ R-507A	R-448A/ R-449A	R-407A/ R-407F	R-407C	CO_2DX‡
		AWEF	AWEF	AWEF	AWEF	AWEF	AWEF	AWEF	AWEF
4	BEM0125*+4EM	9.00	-	9.00	-	-	-	9.00	-
4	BEM0225*+4EM	-	-	-	-	-	-	-	-
4	BEM0250*+4EM	9.00	9.00	9.00	-	-	9.00	9.00	-
4	BEM0325*+4EM	-	-	-	-	-	-	-	-
4	BEM0420*+4EM	9.00	9.00	9.00	-	9.00	9.00	9.00	-
4	BEM0490*+4EM	-	-	9.00	-	-	-	-	-
4	BEM0620*+4EM	9.00	9.00	9.00	-	9.00	9.00	9.00	-
4	BEM0720*+4EM	9.00	9.00	9.00	-	9.00	9.00	9.00	-
6	BEM0125*+6EM	-	-	-	-	-	-	-	-
6	BEM0135*+6EM	9.00	9.00	9.00	-	-	9.00	9.00	-
6	BEM0250*+6EM	-	-	9.00	-	-	9.00	9.00	-
6	BEM0300*+6EM	9.00	9.00	9.00	-	9.00	9.00	9.00	9.00
6	BEM0370*+6EM	-	-	9.00	-	-	-	9.00	-
6	BEM0475*+6EM	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
6	BEM0595*+6EM	9.00	-	9.00	-	9.00	9.00	9.00	-
6	BEM0735*+6EM	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
6	BEM0850*+6EM	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00

FPI	Model	Freezer							
		R-454A	R-454C	R-455A	R-404A/ R-507A	R-448A/ R-449A	R-407A/ R-407F	R-407C	CO_2DX‡
		AWEF	AWEF	AWEF	AWEF	AWEF	AWEF	AWEF	AWEF
4	BEM0125*+4EM	4.09	4.06	4.08	4.04	4.09	4.06	4.05	4.04
4	BEM0225*+4EM	4.15	4.15	4.15	-	4.15	4.15	-	4.15
4	BEM0250*+4EM	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15
4	BEM0325*+4EM	4.15	4.15	4.15	-	4.15	4.15	-	4.15
4	BEM0420*+4EM	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15
4	BEM0490*+4EM	4.15	4.15	4.15	-	4.15	4.15	4.15	4.15
4	BEM0620*+4EM	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15
4	BEM0720*+4EM	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15
6	BEM0125*+6EM	4.07	4.05	4.07	4.04	4.10	4.06	4.05	4.04
6	BEM0135*+6EM	4.09	4.06	4.08	4.06	4.12	4.09	4.07	4.06
6	BEM0250*+6EM	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15
6	BEM0300*+6EM	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15
6	BEM0370*+6EM	4.15	4.15	4.14	4.15	4.15	4.15	4.15	4.15
6	BEM0475*+6EM	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15
6	BEM0595*+6EM	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15
6	BEM0735*+6EM	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15
6	BEM0850*+6EM	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15

Notes:

* = Electrical Code Designator (see Nomenclature details)
+ = Refrigerant code designator (See Nomenclature details)
‡ = Based on input conditions selected, may require an AE review

DOE Rated AWEF

AWEF DATA

Hot Gas Defrost : 2 Speed EC motors

FPI	Model	Cooler						
		R-454A	R-454C	R-455A	R-404A/ R-507A	R-448A/ R-449A	R-407A/ R-407F	R-407C
		AWEF	AWEF	AWEF	AWEF	AWEF	AWEF	AWEF
4	BEM0225*+4HM	-	-	-	-	-	-	-
4	BEM0250*4HM	9.00	-	9.00	-	-	9.00	9.00
4	BEM0325*+4HM	-	-	-	-	-	-	-
4	BEM0420*+4HM	9.00	9.00	9.00	-	9.00	9.00	9.00
4	BEM0490*+4HM	-	-	-	-	-	-	-
4	BEM0620*+4HM	9.00	9.00	9.00	-	9.00	9.00	9.00
6	BEM0250*+6HM	-	-	-	-	-	9.00	9.00
6	BEM0300*+6HM	9.00	9.00	9.00	-	9.00	9.00	9.00
6	BEM0370*+6HM	-	-	-	-	-	-	9.00
6	BEM0475*+6HM	9.00	9.00	9.00	9.00	9.00	9.00	9.00
6	BEM0595*+6HM	-	-	9.00	-	9.00	9.00	9.00
6	BEM0735*+6HM	9.00	9.00	9.00	9.00	9.00	9.00	9.00

FPI	Model	Freezer						
		R-454A	R-454C	R-455A	R-404A/ R-507A	R-448A/ R-449A	R-407A/ R-407F	R-407C
		AWEF	AWEF	AWEF	AWEF	AWEF	AWEF	AWEF
4	BEM0225*+4HM	4.15	4.15	4.15	4.15	4.15	4.15	4.15
4	BEM0250*4HM	4.15	4.15	4.15	4.15	4.15	4.15	4.15
4	BEM0325*+4HM	4.15	4.15	4.15	4.15	4.15	4.15	4.15
4	BEM0420*+4HM	4.15	4.15	4.15	4.15	4.15	4.15	4.15
4	BEM0490*+4HM	4.15	4.15	4.15	4.15	4.15	4.15	4.15
4	BEM0620*+4HM	4.15	4.15	4.15	4.15	4.15	4.15	4.15
6	BEM0250*+6HM	4.15	4.15	4.15	4.15	4.15	4.15	4.15
6	BEM0300*+6HM	4.15	4.15	4.15	4.15	4.15	4.15	4.15
6	BEM0370*+6HM	4.15	4.15	4.15	4.15	4.15	4.15	4.15
6	BEM0475*+6HM	4.15	4.15	4.15	4.15	4.15	4.15	4.15
6	BEM0595*+6HM	4.15	4.15	4.15	4.15	4.15	4.15	4.15
6	BEM0735*+6HM	4.15	4.15	4.15	4.15	4.15	4.15	4.15

Notes:
* = Electrical Code Designator (see Nomenclature details)
+ = Refrigerant code designator (See Nomenclature details)

REPLACEMENT PARTS

Motor/Fan Blade/Fan Guard

Part #	Item Type	Voltage	Motor Speeds	Notes
23101802	Fan Guard Blue Wire	-	-	-
2310022	Fan Guard Blue Molded	-	-	-
22902401	Fan Blade	-	-	-
5064E	Motor Mount	-	-	Used with all motors except 25393101
23101901	Motor Mount	-	-	Used with motor p/n 25393101
5020S	PSC	115V	1	-
5020T	PSC	208-230V	1	-
4567T	PSC Totally Enclosed	208-230V	1	-
25304601	Low Temp PSC Totally Enclosed	460V	1	-
25308101	Low Temp PSC Totally Enclosed	208-230V	1	-
25317501	EC Totally Enclosed	208-230V	1	-
25317601	EC Totally Enclosed	115V	1	-
25399301	Low Temp PSC Totally Enclosed	575V	1	-
25393101	EC Totally Enclosed	460V	2	-
25312102	EC Totally Enclosed	115V	2	-
25312202	EC Totally Enclosed	208-230V	2	-
25302201	PSC	460V	1	-
25327601	Variable Speed EC	115V	-	-
25327501	Variable Speed EC	208-230V	-	-
5599M	Run Capacitor (5 MFD)	-	-	-
5779G	Run Capacitor (7.5 MFD)	-	-	Used with 25304601
22511601	Run Capacitor (7.5 MFD)	-	-	Used with 25399301

Cabinet Components

Part #	No. of Fans	Description	Defrost Type	Cabinet Aluminum
40405911	1	Drain Pan	Air/Electric	Stucco
40405912	1	Drain Pan	Air/Electric	White
40407102	1	Drain Pan	Air	Stainless Steel
40407013	2	Drain Pan	Air/Electric	Stucco
40407014	2	Drain Pan	Air/Electric	White
40407202	2	Drain Pan	Air	Stainless Steel
40406713	3	Drain Pan	Air/Electric	Stucco
40406714	3	Drain Pan	Air/Electric	White
40407302	3	Drain Pan	Air	Stainless Steel
40406813	4	Drain Pan	Air/Electric	Stucco
40406814	4	Drain Pan	Air/Electric	White
40407402	4	Drain Pan	Air	Stainless Steel
40406911	5	Drain Pan	Air/Electric	Stucco
40406912	5	Drain Pan	Air/Electric	White
40407502	5	Drain Pan	Air	Stainless Steel

REPLACEMENT PARTS

A2L Refrigerant Detection System

Part #	Description
A2L Refrigerant Detection System Kit	
90065501	ASSY-A2L RDS FIELD INSTALL - MP
89030601	ASSY-A2L RDS FIELD INSTALL SENSOR HARNESS KIT
89030701	ASSY-A2L RDS FIELD INSTALL w/ IRC, MP, SM (1F,2F)
89030702	ASSY-A2L RDS FIELD INSTALL w/ IRC, MP, SM (3F,4F)
89030703	ASSY-A2L RDS FIELD INSTALL w/ IRC, MP, SM (5F)
Control Power Transformer	
22529601	TRANSFORMER, 120V-24V 40 VA
22529602	TRANSFORMER, 208/240V-24V 40 VA
A2L Leak Detection Sensor Replacement Part	
28915901S	A2L SENSOR REPLACEMENT PART
A2L Control Board Replacement Part	
28928001S	A2L CONTROL BOARD REPLACEMENT PART

REPLACEMENT PARTS

Refrigerant Detection System Valves^

Model Number	Liquid Line Size	Suction Size	Solenoid Shut off Valve			Check Valve		
			R-454A	R-454C	R-455A	R-454A	R-454C	R-455A
Low Temp Application								
BEM0125@Y6E#A	3/8	7/8	29338301	29338301	29338301	29308802*	29308802*	29308803
BEM0135@Y6E#A	3/8	7/8	29338301	29338301	29338301	29308803	29308803	29308803
BEM0250@Y6E#A	3/8	1 3/8	29338401	29338401	29338401	29308804*	29308804*	29308804*
BEM0300@Y6E#A	3/8	1 3/8	29338601*	29338401	29338601*	29308804*	29308804*	29308804*
BEM0370@Y6E#A	3/8	1 5/8	29338601*	29338601*	29338601*	29308805*	29308805*	29308805*
BEM0475@Y6E#A	3/8	1 5/8	29338601*	29338601*	29338601*	29308805*	29308805*	29308805*
BEM0595@Y6E#A	1/2	1 5/8	29338601	29338601	29338601	29308805*	29308805*	29308805*
BEM0735@Y6E#A	1/2	1 5/8	29338801*	29338601	29338801*	29308807*	29308807*	29308807*
BEM0850@Y6E#A	5/8	1 5/8	29338801	29338801	29338801	29308807*	29308807*	29308807*
BEM0125@Y4E#A	3/8	7/8	29338301	29338301	29338301	29308802*	29308802*	29308803
BEM0225@Y4E#A	3/8	1 3/8	29338401	29338401	29338401	29308803*	29308803*	29308804*
BEM0250@Y4E#A	3/8	1 3/8	29338401	29338401	29338401	29308804*	29308804*	29308804*
BEM0325@Y4E#A	3/8	1 5/8	29338601*	29338601*	29338601*	29308804*	29308804*	29308805*
BEM0420@Y4E#A	3/8	1 5/8	29338601*	29338601*	29338601*	29308805*	29308805*	29308805*
BEM0490@Y4E#A	3/8	1 5/8	29338601*	29338601*	29338601*	29308805*	29308805*	29308805*
BEM0620@Y4E#A	1/2	1 5/8	29338601	29338601	29338601	29308805*	29308805*	29308807*
BEM0720@Y4E#A	1/2	1 5/8	29338601	29338601	29338801*	29308807*	29308807*	29308807*
BEM0250@Y6H#A	3/8	1 3/8	29338401	29338401	29338401	29308804*	29308804*	29308804*
BEM0300@Y6H#A	3/8	1 3/8	29338601*	29338401*	29338601*	29308804*	29308804*	29308804*
BEM0370@Y6H#A	3/8	1 5/8	29338601*	29338601*	29338601*	29308805*	29308805*	29308805*
BEM0475@Y6H#A	3/8	1 5/8	29338601*	29338601*	29338601*	29308805*	29308805*	29308805*
BEM0595@Y6H#A	1/2	1 5/8	29338601	29338601	29338601	29308805*	29308805*	29308805*
BEM0735@Y6H#A	1/2	1 5/8	29338801*	29338601*	29338801*	29308807*	29308807*	29308807*
BEM0225@Y4H#A	3/8	1 3/8	29338401	29338401	29338401	29308803*	29308803*	29308804*
BEM0250@Y4H#A	3/8	1 3/8	29338401	29338401	29338401	29308804*	29308804*	29308804*
BEM0325@Y4H#A	3/8	1 5/8	29338601*	29338601*	29338601*	29308804*	29308804*	29308805*
BEM0420@Y4H#A	3/8	1 5/8	29338601*	29338601*	29338601*	29308805*	29308805*	29308805*
BEM0490@Y4H#A	3/8	1 5/8	29338601*	29338601*	29338601*	29308805*	29308805*	29308805*
BEM0620@Y4H#A	1/2	1 5/8	29338601	29338601	29338601	29308805*	29308805*	29308807*

Notes:
^ = Applicable for 1 unit cooler, 1 condensing unit combination only
* = Reducer may be required
@ = Voltage designator (See nomenclature details)
# = Motor designator (See nomenclature details)

REPLACEMENT PARTS

Refrigerant Detection System Valves^

Model Number	Liquid Line Size	Suction Size	Solenoid Shut off Valve			Check Valve		
			R-454A	R-454C	R-455A	R-454A	R-454C	R-455A
Medium Temp Application								
BEM0125@Y6E#A	3/8	7/8	29338301	29338301	29338401	29308802*	29308802*	29308802*
BEM0135@Y6E#A	3/8	7/8	29338401	29338401	29338401	29308802*	29308803	29308803
BEM0250@Y6E#A	3/8	1 3/8	29338601*	29338401	29338601*	29308803*	29308803*	29308804*
BEM0300@Y6E#A	3/8	1 3/8	29338601*	29338601*	29338601*	29308803*	29308803*	29308804*
BEM0370@Y6E#A	3/8	1 5/8	29338601*	29338601*	29338601*	29308804*	29308804*	29308804*
BEM0475@Y6E#A	3/8	1 5/8	29338601*	29338601*	29338801*	29308805*	29308805*	29308805*
BEM0595@Y6E#A	1/2	1 5/8	29338801*	29338601	29338801*	29308805*	29308805*	29308805*
BEM0735@Y6E#A	1/2	1 5/8	29338801*	29338801*	29338801*	29308805*	29308805*	29308805*
BEM0850@Y6E#A	5/8	1 5/8	29338801	29338801	29338801	29308805*	29308805*	29308805*
BEM0125@Y4E#A	3/8	7/8	29338401	29338401	29338401	29308802*	29308802*	29308803
BEM0225@Y4E#A	3/8	1 3/8	29338401	29338401	29338401	29308803*	29308803*	29308803*
BEM0250@Y4E#A	3/8	1 3/8	29338401	29338601*	29338601*	29308803*	29308803*	29308803*
BEM0325@Y4E#A	3/8	1 5/8	29338601*	29338601*	29338601*	29308803*	29308803*	29308804*
BEM0420@Y4E#A	3/8	1 5/8	29338601*	29338601*	29338601*	29308804*	29308804*	29308805*
BEM0490@Y4E#A	3/8	1 5/8	29338601*	29338601*	29338601*	29308804*	29308805*	29308805*
BEM0620@Y4E#A	1/2	1 5/8	29338801*	29338601	29338801*	29308805*	29308805*	29308805*
BEM0720@Y4E#A	1/2	1 5/8	29338801*	29338801*	29338801*	29308805*	29308805*	29308805*
BEM0250@Y6H#A	3/8	1 3/8	29338601*	29338401	29338601*	29308803*	29308803*	29308804*
BEM0300@Y6H#A	3/8	1 3/8	29338601*	29338601*	29338601*	29308803*	29308803*	29308804*
BEM0370@Y6H#A	3/8	1 5/8	29338601*	29338601*	29338601*	29308804*	29308804*	29308804*
BEM0475@Y6H#A	3/8	1 5/8	29338601*	29338601*	29338601*	29308804*	29308805*	29308805*
BEM0595@Y6H#A	1/2	1 5/8	29338601	29338801*	29338801*	29308805*	29308805*	29308805*
BEM0735@Y6H#A	1/2	1 5/8	29338801*	29338801*	29338801*	29308805*	29308805*	29308805*
BEM0225@Y4H#A	3/8	1 3/8	29338401	29338401	29338401	29308803*	29308803*	29308803*
BEM0250@Y4H#A	3/8	1 3/8	29338601*	29338601*	29338601*	29308803*	29308803*	29308803*
BEM0325@Y4H#A	3/8	1 5/8	29338601*	29338601*	29338601*	29308803*	29308804*	29308804*
BEM0420@Y4H#A	3/8	1 5/8	29338601*	29338601*	29338601*	29308804*	29308804*	29308804*
BEM0490@Y4H#A	3/8	1 5/8	29338601*	29338601*	29338601*	29308804*	29308804*	29308805*
BEM0620@Y4H#A	1/2	1 5/8	29338601	29338601	29338801*	29308805*	29308805*	29308805*
BEM0185@Y8A#A	3/8	7/8	29338401	29338401	29338401	29308802*	29308802*	29308803
BEM0225@Y8A#A	3/8	1 1/8	29338401	29338401	29338401	29308802*	29308803*	29308803*
BEM0405@Y8A#A	3/8	1 3/8	29338601*	29338601*	29338601*	29308804*	29308804*	29308804*
BEM0475@Y8A#A	3/8	1 3/8	29338601*	29338601*	29338601*	29308804*	29308804*	29308804*
BEM0575@Y8A#A	1/2	1 3/8	29338601	29338601	29338801*	29308805	29308805	29308805
BEM0675@Y8A#A	1/2	1 3/8	29338601	29338601	29338801*	29308805	29308805	29308805
BEM0775@Y8A#A	5/8	1 5/8	29338801	29338801	29338801	29308805*	29308805*	29308805*
BEM0975@Y8A#A	5/8	1 5/8	29338801	29338801	29338801	29308805*	29308805*	29308805*
BEM1115@Y8A#A	5/8	1 5/8	29338801	29338801	29338801	29308805*	29308805*	29308807*

Notes:

^ = Applicable for 1 unit cooler, 1 condensing unit combination only
* = Reducer may be required
@ = Voltage designator (See nomenclature details)
# = Motor designator (See nomenclature details)

REPLACEMENT PARTS

Motor/Fan Blade/Fan Guard

#	Part #	Description
2	2310022	FAN GUARD-BLUE MOLDED
3	23101802	FAN GUARD-BLUE WIRE

Cabinet Components

#	Part #	Description	Cabinet Material
1	40956801	A2L STUB PROT ALUM-STUCCO	(STUCCO)
2	40956802	A2L STUB PROT ALUM-WHITE	(WHITE)
3	40956803	A2L STUB PROT STAINLESS STEEL	(304_SST)
4	40956901	A2L STUB PROT ALUM-STUCCO	(STUCCO)
5	40956902	A2L STUB PROT ALUM-WHITE	(WHITE)
6	40956903	A2L STUB PROT STAINLESS STEEL	(304_SST)
7	23106501	GUARD-FAN, 18in WIRE MP	GUARD-FAN, 18in MP
8	2310022	FAN GUARD-BLUE MOLDED	FAN GUARD-MOLDED
9	23101802	FAN GUARD-BLUE WIRE	FAN GUARD-BLUE WIRE

Evaporator Coil Grille/Grille Brackets

#	Part #	Description	No. of Fans	Qty.
1	24109401	GRILLE-COIL GUARD, A2L MP	1	2
2	24109401	GRILLE-COIL GUARD, A2L MP	2	4
3	24109401	GRILLE-COIL GUARD, A2L MP	3	6
4	24109401	GRILLE-COIL GUARD, A2L MP	4	8
5	24109401	GRILLE-COIL GUARD, A2L MP	5	9
6	40957001	A2L,1 FAN, GRILLE BRACKET	1	1
7	40957002	A2L,2 FAN, GRILLE BRACKET	2	1
8	40957003	A2L,3 FAN, GRILLE BRACKET	3	1
9	40957004	A2L,4 FAN, GRILLE BRACKET Part 1	4	1
10	40957005	A2L,4 FAN, GRILLE BRACKET Part 2	4	1
11	40950801	A2L,4 FAN,5 FAN, GRILLE BRACKET spacer	4,5	1,2
12	40957101	A2L,5 FAN, GRILLE BRACKET Part 1	5	1
13	40957102	A2L,5 FAN, GRILLE BRACKET Part 2	5	1
14	40957103	A2L,5 FAN, GRILLE BRACKET Part 3	5	1

REPLACEMENT PARTS

Drain Pan Heaters

Part #	No. of Fans	Voltage	Wattage	Defrost Type
24710301	1	230V	530W	Electric/ HG
24710401	1	460V	530W	Electric/ HG
24711101	1	575V	530W	Electric/ HG
24710502	2	115V	950W	HG
24710302	2	230V	950W	Electric/ HG
24710402	2	460V	950W	Electric/ HG
24711102	2	575V	950W	Electric/ HG
24710503	3	115V	1350W	HG
24710303	3	230V	1350W	Electric
24710403	3	460V	1350W	Electric
24711103	3	575V	1350W	Electric
24710504	4	115V	1800W	HG
24710304	4	230V	1800W	Electric
24710404	4	460V	1800W	Electric
24711104	4	575V	1800W	Electric
24710305	5	230V	2000W	Electric
24710405	5	460V	2000W	Electric
24711105	5	575V	2000W	Electric

Coil Defrost Heaters

Part #	No. of Fans	Voltage	Wattage	Defrost Type
24710201	1	230-460V	550	Electric
24710202	2	230-460V	1100	Electric
24710203	3	230-460V	1600	Electric
24710204	4	230-460V	2100	Electric
24710205	5	230-460V	2400	Electric
24711101	1	575V	550	Electric
24711102	2	575V	1100	Electric
24711103	3	575V	1600	Electric
24711104	4	575V	2100	Electric
24711105	5	575V	2400	Electric
23308001	1-3	-	-	Heater Clip
23308101	4-5	-	-	Heater Clip

REPLACEMENT PARTS

Electrical Components

Part #	Description
2891040	Room Thermostat
5709L	Defrost Term. / Fan Delay Thermostat Sealed Bimetal Type
2890109	Defrost Term. / Fan Delay Thermostat
5708L	Adjustable Type

Drain Fitting

Part #	Description
26930801	FITTING 3/4-14 NPSM

STANDARD NOZZLE SELECTION

Air Defrost

Medium Temperature (25°F SST)												
FPI	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
8	BEM0185*#8A^B	1	3/16	21-1/2	4	L-3/4	L-1-1/2	L-1	L-1	L-1	L-1	L-1-1/2
8	BEM0225*#8A^B	1	3/16	21-1/2	6	L-1	L-2	L-1-1/2	L-1-1/2	L-1	L-1	L-1-1/2
8	BEM0405*#8A^B	2	3/16	21-1/2	11	G-1-1/2	G-3	G-2-1/2	G-2-1/2	G-2	G-2-1/2	G-3
8	BEM0475*#8A^B	2	3/16	21-1/2	11	G-2	G-4	G-2-1/2	G-2-1/2	G-2	G-2-1/2	G-3
8	BEM0575*#8A^B	3	3/16	21-1/2	14	E-2-1/2	E-4	E-3	E-3	E-3	E-4	E-4
8	BEM0675*#8A^B	3	3/16	21-1/2	14	E-3	E-5	E-4	E-4	E-3	E-4	E-4
8	BEM0775*#8A^B	4	3/16	21-1/2	22	C-3	C-6	C-4	C-4	C-5	C-5	C-6
8	BEM0975*#8A^B	4	3/16	21-1/2	22	C-4	C-8	C-5	C-5	C-5	C-5	C-6
8	BEM1115*#8A^B	5	3/16	21-1/2	22	C-5	C-10	C-6	C-6	C-5	C-6	C-6

Electric Defrost

Low Temperature (-20°F SST)												
FPI	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
6	BEM0125*#6E^A	1	3/16	21-1/2	8	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
6	BEM0135*#6E^A	1	3/16	21-1/2	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
6	BEM0250*#6E^A	2	3/16	21-1/2	11	G-2-1/2	G-4	G-2-1/2	G-2-1/2	G-2-1/2	G-2-1/2	G-2-1/2
6	BEM0300*#6E^A	2	3/16	21-1/2	14	E-3	E-4	E-4	E-3	E -2-1/2	E-3	E-3
6	BEM0370*#6E^A	3	3/16	21-1/2	16	E-4	E-5	E-4	E-4	E-4	E-4	E-4
6	BEM0475*#6E^A	3	3/16	21-1/2	22	C-5	C-8	C-5	C-5	C-4	C-5	C-5
6	BEM0595*#6E^A	4	3/16	21-1/2	16	E-5	E-8	E-5	E-5	E-5	E-5	E-5
6	BEM0735*#6E^A	4	3/16	21-1/2	22	C-8	C-12	C-8	C-8	C-6	C-6	C-8
6	BEM0850*#6E^A	5	3/16	21-1/2	22	C-8	C-12	C-8	C-8	C-8	C-8	C-10
4	BEM0125*#4E^A	1	3/16	21-1/2	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
4	BEM0225*#4E^A	2	3/16	21-1/2	11	G-2-1/2	G-3	G-2-1/2	G-2-1/2	G-2	G-2	G-2-1/2
4	BEM0250*#4E^A	2	3/16	21-1/2	14	E-3	E-4	E-3	E-3	E-2-1/2	E-2-1/2	E-3
4	BEM0325*#4E^A	3	3/16	21-1/2	16	E-4	E-5	E-3	E-4	E-3	E-3	E-4
4	BEM0420*#4E^A	3	3/16	21-1/2	22	C-4	C-6	C-4	C-4	C-4	C-4	C-5
4	BEM0490*#4E^A	4	3/16	21-1/2	16	E-5	E-8	E-5	E-5	E-4	E-4	E-5
4	BEM0620*#4E^A	4	3/16	21-1/2	22	C-6	C-10	C-6	C-6	C-5	C-6	C-6
4	BEM0720*#4E^A	5	3/16	21-1/2	22	C-8	C-12	C-8	C-8	C-6	C-6	C-8

Notes:
* = Electrical Code Designator (see Nomenclature details)
^ = Motor Code Designator (see Nomenclature details)
# = Refrigerant Designator (see Nomenclature details)

STANDARD NOZZLE SELECTION

Hot Gas Defrost

Low Temperature (-20°F SST)												
FPI	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
6	BEM0250*#6H^A	2	3/16	21-1/2	11	G-2-1/2	G-4	G-2-1/2	G-2-1/2	G-2-1/2	G-2-1/2	G-3
6	BEM0300*#6H^A	2	3/16	21-1/2	14	E-3	E-4	E-4	E-4	E-3	E-3	E-4
6	BEM0370*#6H^A	3	3/16	21-1/2	16	E-4	E-5	E-4	E-4	E-4	E-4	E-4
6	BEM0475*#6H^A	3	3/16	21-1/2	22	C-5	C-8	C-5	C-5	C-5	C-5	C-6
6	BEM0595*#6H^A	4	3/16	21-1/2	16	E-5	E-8	E-5	E-5	E-5	E-5	E-6
6	BEM0735*#6H^A	4	3/16	21-1/2	22	C-8	C-12	C-8	C-8	C-8	C-8	C-8
4	BEM0225*#4H^A	2	3/16	21-1/2	11	G-2-1/2	G-3	G-2-1/2	G-2-1/2	G-2-1/2	G-2-1/2	G-2-1/2
4	BEM0250**#4H^A	2	3/16	21-1/2	14	E-3	E-4	E-3	E-3	E-2-1/2	E-3	E-3
4	BEM0325**#4H^A	3	3/16	21-1/2	16	E-4	E-5	E-3	E-3	E-4	E-4	E-4
4	BEM0420**#4H^A	3	3/16	21-1/2	22	C-4	C-6	C-4	C-4	C-4	C-5	C-5
4	BEM0490**#4H^A	4	3/16	21-1/2	16	E-5	E-8	E-5	E-5	E-5	E-5	E-5
4	BEM0620**#4H^A	4	3/16	21-1/2	22	C-6	C-10	C-6	C-6	C-6	C-6	C-8

Notes:

* = Electrical Code Designator (see Nomenclature details)
^ = Motor Code Designator (see Nomenclature details)
# = Refrigerant Designator (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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