

TECHNICAL SPECIFICATIONS FOR MODEL EGEB

INDOOR COMMERCIAL SUSPENDED ELECTRIC UNIT HEATER



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In keeping with our policy of continuous product improvement, we reserve the right to alter, at any time, the design, construction, dimensions, weights, etc., of equipment information shown here.

TECHNICAL SPECIFICATIONS—CONTINUED

Unit Sizes

These heaters are available in eight unit sizes based on heating capacity of 3,000–20,000 watts.

Features

- Voltage/phase options: 208/1, 208/3, 240/1, 240/3, 277/1, 347/1, 480/1, 480/3, and 600/3
- Almond epoxy/polyester powder paint finish
- 18- and 20-gauge steel construction
- Adjustable louvers to control airflow (horizontal or vertical discharge airflow)
- High-temperature limit control with automatic reset
- Wall and ceiling mounting brackets
- Draw-through design with unique geometric diffuser and adjustable louvers to maximize air velocity and throw
- Large and easily-accessible control compartment
- Totally-enclosed, thermally-protected fan motor
- Fan delay purges heater of residual heat for longer life

Factory-Installed Options

Option	Description
AK15*	Voltage/phase 208/1
AK5	Voltage/phase 208/3
AK16*	Voltage/phase 240/1
AK6E	Voltage/phase 240/3
AK4	Voltage/phase 277/1
AK34	Voltage/phase 347/1
AK9E	Voltage/phase 480/1
AK7E	Voltage/phase 480/3
AK8E	Voltage/phase 600/3
BA14	40A disconnect switch (unit sizes 3 and 5 only)
BA15	80A disconnect switch
BF4A	Unit-mounted fan switch (may also be field-installed)
BF5	Relay for remote fan switch (requires 24V control wiring)
HK2	Almond cabinet color
IC11	Single-stage unit-mounted thermostat (may also be field-installed)
IC14	Two-stage unit-mounted thermostat (may also be field-installed)

*May be converted in the field to 3-phase.

Field-Installed Options

Option	Description
CL1A	Single-stage remote thermostat
CL22	Two-stage remote thermostat, digital
CL5	Two-stage remote thermostat, line voltage

Technical Data

Parameter	Unit of Measure	Unit Size (kW)							
		3	5	7.5	9	10	15	19	20
Heating capacity	watt	3000	5000	7500	9900	10,000	15,000	19,800	20,000
	BTUh	10,236	17,061	25,590	33,780	34,120	51,180	67,560	68,240
Airflow	CFM	310		625	600	625	950	1300	
Temperature rise	°F	21	51	40	52	51	50	49	
	°C	17	28	22	29	28		27	

Clearances

Unit Size (kW)	Back	Top	
		Bracket-Mounted	Suspended Using Threaded Rods
	Inches (mm)		
3, 5	9-5/8 (244)	14-11/16 (373)	6 (152)
7.5, 9, 10	14-1/16 (357)	19-15/16 (507)	10 (254)
15, 19, 20	11-3/8 (289)	21-7/8 (556)	6 (152)

Dimensions

Unit Size (kW)	Height	Width	Depth
	Inches (mm)		
3, 5	16-3/8 (416)	15-9/16 (395)	9-1/8 (231)
7.5, 9, 10	24-1/2 (622)	22 (559)	10-7/8 (276)
15, 19, 20			16-1/4 (412)

Weight

Unit Size (kW)		
3, 5	7.5, 9, 10	15, 19, 20
Pounds (kg)		
40 (18)	67 (30)	90 (41)

Mounting Height

The minimum mounting height is 6 feet (1.8 meters).

⚠ DANGER ⚠

- This heater has hot parts inside. Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
- Do not operate any heater after it malfunctions. Disconnect power at the service panel and have the heater inspected by a reputable electrician before reusing.
- Do not use outdoors.
- Do not insert or allow foreign objects to enter any heater opening as this may cause electrical shock, fire, or damage to the heater.
- To prevent a possible fire, do not block air intakes or exhaust in any way whatsoever.
- Use this heater only as recommended by the manufacturer. Any other use may cause electrical shock, fire, or damage to the heater.

For more information on Reznor HVAC products:

- Contact your local Reznor representative at 1-800-695-1901
- Refer to the manuals and additional consumer materials found at www.reznorhvac.com

