

ENVIRONMENTAL ELECTRICALLY HEATED SERIES

Applications:

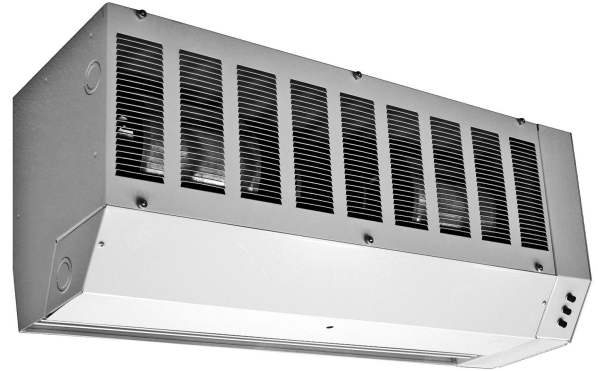
For use in vestibules, lobbies, staging areas, reception areas, waiting rooms and other customer greeting areas.

Heated air curtains are not designed to hold 100% of incoming cold air, as the required air velocity generated would be uncomfortable to patrons. The incoming cold air is entrained in the warm curtain of air, thus maintaining comfort levels.

Heated units also reduce the wind chill effect of personnel walking through or standing near openings.

Special Features:

- New modular designed cabinet allows 8 to 48 kilowatts of heating capacity, in lengths ranging from 36 to 144 inches.
- Large, easily accessible pre-wired control box is side mounted and features a hinged swing down access panel.
- Easily visible indicator lights on control panel alerts operator when power to the unit is on and when fan and heat are operating.
- Helical coil heating element modules are easily replaceable.
- Heating elements are thermally protected and include a pilot light feature.
- Hinged element control panel is located in front of nozzle and swings down for servicing.
- Air-flow safety sensor disables heating element in the event motor/blowers need servicing or are wired incorrectly.
- Wall-mounted 24-volt thermostat for temperature control.
- Can be operated with or without heat for winter and summer operation.
- Exclusive Smart-Trac II Adjustable Mounting System Optional on all models.



Available in:

- Three phase 60Hz, 208 volt motor and heat.
 - Three phase 60Hz, 240 / 208 volt motor and heat.
 - Three phase 60Hz, 480 volt motor and heat.
- For additional models consult factory.

| MODEL NUMBER | NOZZLE WIDTH (IN) | NUMBER OF CABINETS | CONTROL VOLTAGE | AIR DELIVERY @ NOZZLE OUTLET | | | APPROX. SHIPPING WEIGHT (LBS) | # MOTORS @ HP |
|----------------------|-------------------|--------------------|-----------------|------------------------------|---------------|---------------|-------------------------------|---------------|
| | | | | MAX VEL (FPM) | AVG VEL (FPM) | AIRFLOW (CFM) | | |
| 1/2 HP Models | | | | | | | | |
| E36++1#50HE | 36 | 1 | 24 | 3800 | 3040 | 2460 | 93 | 1 @ 1/2 |
| E42++1#50HE | 42 | 1 | 24 | 3800 | 2890 | 2730 | 98 | 1 @ 1/2 |
| E48++1#50HE | 48 | 1 | 24 | 3800 | 2815 | 3040 | 105 | 1 @ 1/2 |
| E60++1#50HE | 60 | 1 | 24 | 3800 | 2740 | 3350 | 117 | 1 @ 1/2 |
| E72++2#50HE | 72 | 2 | 24 | 3800 | 3040 | 4920 | 177 | 2 @ 1/2 |
| E84++2#50HE | 84 | 2 | 24 | 3800 | 2910 | 5460 | 181 | 2 @ 1/2 |
| E96++2#50HE | 96 | 2 | 24 | 3800 | 2815 | 6080 | 189 | 2 @ 1/2 |
| E108++3#50HE | 108 | 3 | 24 | 3800 | 3040 | 7380 | 261 | 3 @ 1/2 |
| E120++3#50HE | 120 | 3 | 24 | 3800 | 2950 | 7920 | 273 | 3 @ 1/2 |
| E132++3#50HE | 132 | 3 | 24 | 3800 | 2875 | 8540 | 285 | 3 @ 1/2 |
| E144++3#50HE | 144 | 3 | 24 | 3800 | 2815 | 9120 | 297 | 3 @ 1/2 |
| 3/4 HP Models | | | | | | | | |
| E42++1#75HE | 42 | 1 | 24 | 4850 | 3685 | 3480 | 108 | 1 @ 3/4 |
| E48++1#75HE | 48 | 1 | 24 | 4850 | 3595 | 3880 | 115 | 1 @ 3/4 |
| E60++1#75HE | 60 | 1 | 24 | 4850 | 3395 | 4580 | 131 | 1 @ 3/4 |
| E72++2#75HE | 72 | 2 | 24 | 4850 | 3880 | 6280 | 195 | 2 @ 3/4 |
| E84++2#75HE | 84 | 2 | 24 | 4850 | 3715 | 6960 | 208 | 2 @ 3/4 |
| E96++2#75HE | 96 | 2 | 24 | 4850 | 3595 | 7760 | 221 | 2 @ 3/4 |
| E108++3#75HE | 108 | 3 | 24 | 4850 | 3880 | 9420 | 288 | 3 @ 3/4 |
| E120++3#75HE | 120 | 3 | 24 | 4850 | 3765 | 10100 | 301 | 3 @ 3/4 |
| E132++3#75HE | 132 | 3 | 24 | 4850 | 3670 | 10900 | 314 | 3 @ 3/4 |
| E144++3#75HE | 144 | 3 | 24 | 4850 | 3595 | 11640 | 327 | 3 @ 3/4 |

++ TOTAL HEATER KW AVAILABLE (SELECT FROM BELOW)

| | KW | BTU/HR | KW | BTU/HR | KW | BTU/HR |
|------------|----|--------|----|---------|----|---------|
| 1- CABINET | 08 | 27,320 | 12 | 40,980 | 16 | 54,640 |
| 2- CABINET | 16 | 54,640 | 24 | 81,960 | 32 | 109,280 |
| 3- CABINET | 24 | 81,960 | 36 | 122,940 | 48 | 163,920 |

NOTE: Multiply listed wattage by .75 for actual 208V rating. Maximum 15 kilowatts per cabinet at 240V.

- SELECT VOLTAGE: 3 = 208V 3-PH, 4 = 240V/208V 3-PH, 5 = 480V 3-PH.

Note: Stock Cabinet and Grille color is Beige. Other standard colors available on request include: White, Black, Charcoal Gray, Aluminum, and Bronze.