



# EK SERIES

## ELECTRIC DUCT HEATER



Download specification at:  
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## Electric Duct Heater (1-175 kW) Accessory

### SPECIFICATIONS

**Heater Type:**  
 Electric Duct Heater

**Typical KW Range:**  
 1-175 kW

**Standard Features:**  
 A disconnecting magnetic control contactor per stage or each 48 Amp circuit within a stage  
 Open-coil element  
 Staged on/off  
 Control terminal board  
 Grounding lugs  
 Automatic limit switch for primary over-temperature protection  
 Manual reset limit switch for secondary over-temperature protection  
 Non-adjustable airflow switch  
 Standard control transformer - 24 VAC  
 Disconnect switch  
 Duct thermostat with sensor for on/off control  
 60-20-20 (Ni/Cr/Fe) C Grade element wire with nickel-plated terminals  
 Slip-in mount  
 No left/right hand  
 Vertical up/down flow

**Voltages & Phase:**  
 Single phase - 120, 208, 240, 277  
 Three phase - 208, 240, 480, 600

**Control Voltage:**  
 24 VAC

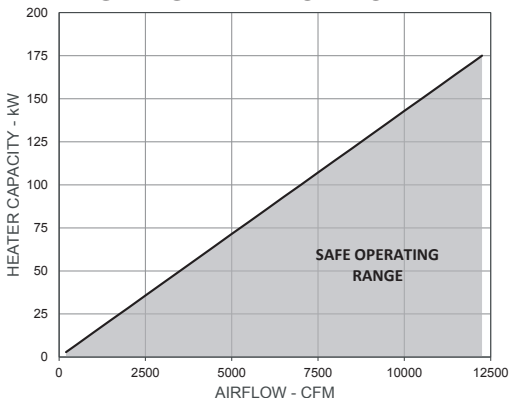
**Dimensions:**  
 Minimum - 8" x 8" (W x H)  
 Maximum - 99" x 99" (W x H)

**Options:**  
 Flange mount  
 80-20 (Ni/Cr) A Grade element wire with stainless steel terminals  
 Recessed control box 1"  
 Gasketed cover - dust tight  
 Power fusing, standard for heaters drawing more than 48 Amps  
 2-stage  
 Electronic step controller (4-stage)  
 SCR (up to 96 Amps)  
 SCR Vernier (over 96 Amps)  
 Pilot light

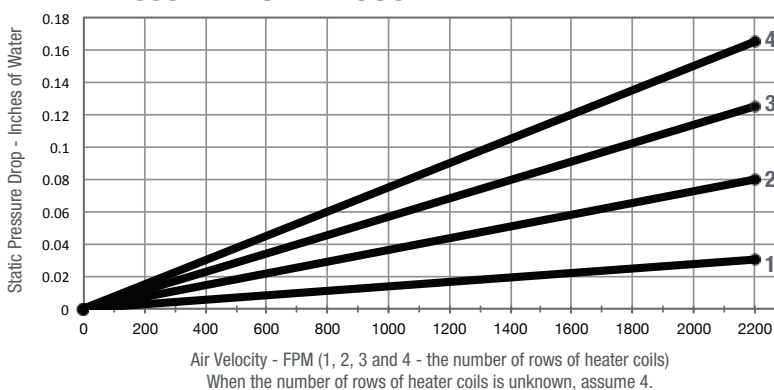
**Accessory:**  
 Room thermostat  
 Room/duct thermostat-sensor kit for SCR control

**Note:** Electric duct heater designed for indoor ductwork installation only.

EK SERIES HEATER CAPACITY

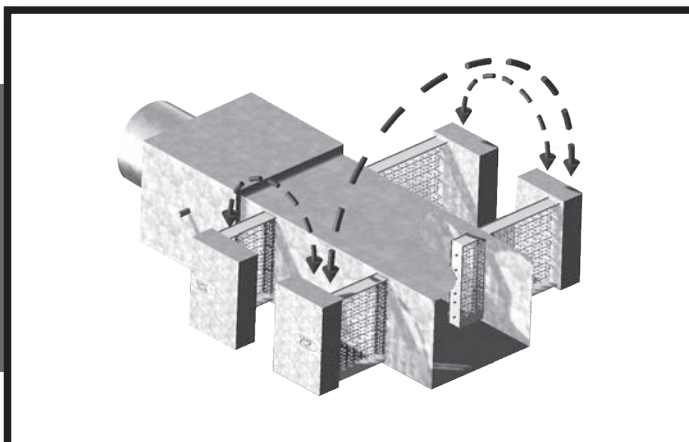


PRESSURE DROP THROUGH HEATER



## FLIPPABLE CAPABILITIES

Unique to the EK series, this unit has the ability to flip 180°. Additionally, EK heaters feature both vertical up and vertical down airflow.



Specifications may be subject to change without notice.