

# EK SERIES

## ELECTRIC DUCT HEATER



## 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: 24VAC
- 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:**

24VAC

**Dimensions:**

Minimum: 8" x 8" (W x H)  
Maximum: 99" x 99" (W x H)

**Options:**

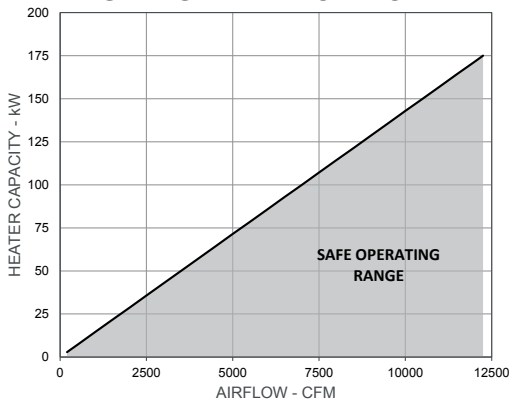
- Flange mount
- 80-20 (Ni/Cr) A Grade element wire with stainless steel terminals
- Recessed control box 1"
- Gasketed cover: dust tight
- Power fusing, standard for heaters drawing more than 48 Amps
- 2-stage
- Electronic step controller (4-stage)
- SCR (up to 96 Amps)
- SCR Vernier (over 96 Amps)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

**Accessory:**

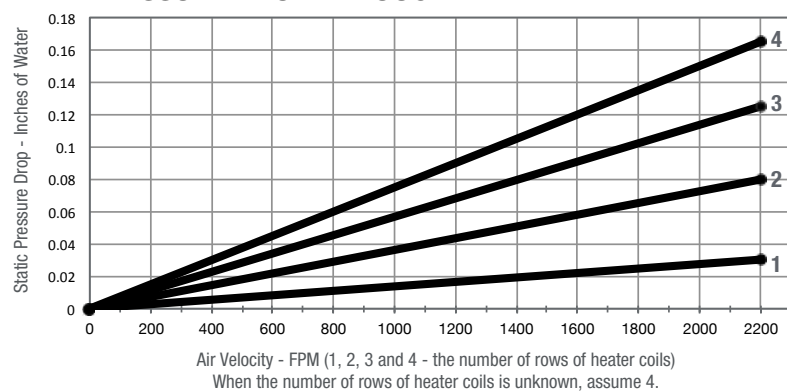
- Room thermostat
- Room/duct thermostat-sensor kit for SCR control

**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 features both vertical up and vertical down airflow.

