



Duker-Reilly-McPherson & Associates, Inc.

Duct Heater Questionnaire

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Name: _____ Company: _____

Phone: _____ E-mail: _____

Job name & location: _____

What the wholesaler, distributor or counterman must know before selling a duct heater. (** = required)

1) How many kilowatts (kw)? Equation to the right _____

2) What voltage & phase? ** Voltage: _____ Phase: _____

3) What control voltage? ** _____

4) What duct size (inches)? ** Width: _____ Height: _____ Diameter: _____

5) What type of construction? Check as many as needed. **

- | | |
|------------------------------------|---------------------------------------|
| <input type="checkbox"/> Open coil | <input type="checkbox"/> Fin tube |
| <input type="checkbox"/> Slip-in | <input type="checkbox"/> Flange mount |

6) Air Flow?

- | | |
|---------------|----------------|
| Vertical | Horizontal |
| Up Overhang | Left Overhang |
| Down Overhang | Right Overhang |

7) Heaters require either a fan interlock relay or an air pressure switch for interlock to meet code and UL. ☐ A/P switch ☐ Fan interlock relay

8) Would you like a disconnect switch for this heater? ☐ Yes ☐ No

9) Heaters drawing 48+ amps, total load, must have their circuits fused by the manufacturer. Under 48 amps do not! ** ☐ Fuse the circuits ☐ Do not fuse

10) How many steps or stages is the heater? _____

11) What type of thermostat? ** Duct mount SCR Control Wall mount
Other _____

12) Other optional controls or remarks?

Determine your kw:
$$\frac{\text{CFM} \times \Delta \text{Temp} \times 1.08}{3412}$$

