



# Duker-Reilly-McPherson & Associates, Inc. Duct Heater Questionnaire

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1. Model Type:
  - a. HUA (Open Coil, Slip-in)
  - b. HUP (Open Coil, Flange)
  - c. TFKU (Finned Tubular, Slip-in)
  - d. TFPU (Finned Tubular, Flange)
2. Dimensions: Height (In): \_\_\_\_\_ Width (In): \_\_\_\_\_
3. Electrical Ratings:
  - a. Line Voltage: \_\_\_\_\_
  - b. KW: \_\_\_\_\_
  - c. Phase: \_\_\_\_\_
  - d. Stages: \_\_\_\_\_
  - e. Control Voltage: \_\_\_\_\_
4. Airflow Direction: If not chosen, quoted as Left Airflow
  - a. Left
  - b. Right
  - c. Up
  - d. Down
5. Overhang: If not chosen, quoted as Left Overhang
  - a. Left
  - b. Right
  - c. Up
  - d. Down
6. Temperature Control:
  - a. G-Basic:
    - i. Room Thermostat, 1 Stage
    - ii. Room Thermostat, 1 Stage (Digital)
    - iii. Room Thermostat, 2 Stage (Digital)
    - iv. Room Thermostat, 3 Stage (Digital)
    - v. Duct Thermostat, 1 Stage
    - vi. Duct Thermostat, 2 Stage
    - vii. Manufacturer Step Controller
    - viii. Customer Furnished
  - b. K-SCR:
    - i. Automatic Selection
    - ii. Vernier Control
    - iii. Full SCR

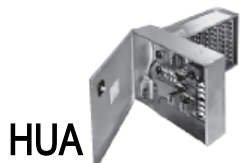
## Optional Features:

1. Round transition?
  - a. Dimension of the opening:
2. Airflow Interlock (Airflow switch is default option on UL listed heaters):
  - a. Substitute fan relay for airflow switch
  - b. Add fan relay (specify relay volts)
  - c. Adjustable airflow switch .05-12 w.c.
  - d. Airflow switch calibrated to 0.3 w.c.
  - e. No airflow interlock
  - f. Supply airflow switch for negative
  - g. Supply remote enable terminals (dry contacts)
3. Contactors:
  - a. Substitute disconnecting controlling contactors
  - b. Substitute disconnecting safety contactors
  - c. substitute disconnecting back-up contactors
4. Transformer and External Power:
  - a. Delete transformer
  - b. Add transformer - primary fusing
  - c. Add transformer - secondary fusing
  - d. Size transformer for add'l customer VA
5. Fusing:
  - a. Add fuses
  - b. Fusing per circuit
  - c. Substitute / Add circuit breakers
  - d. Substitute / Add circuit breakers per circuit
  - e. Substitute time delay fuses
6. Disconnect Switch (heaters come with a standard disconnect, add'l options below):
  - a. Delete disconnect
  - b. Substitute fused disconnect switch
  - c. Add control circuit disconnect switch
  - d. Size disconnect switch at min. 125% of FLA
7. Pilot Lights
  - a. Stage(s) On
  - b. Low Airflow
  - c. Heater On
  - d. Overtemperature
8. Add Control CKT Pilot Switch
9. Low Watt Density Open Coils
  - a. Standard
  - b. 35 Watts per square inch (5.4 W/Sq. cm)
  - c. 25 Watts per square inch (3.8 W/Sq. cm)

For any SCR option chosen above, we will also need to know if:

1. Room Thermostat
2. Duct Thermostat
3. P.E. Transducer, 0-135 ohr
4. 135 ohm
5. 0-10 VDC
6. 4-20 mA

c. J-Pneumatic



HUA



HUP



TKFU/C / TFPU/C

For Installation Operation and Maintenance instructions, email our sales team.