

## SUBMITTAL DATA

2008 Rev 1

### Duct Heater Vertical Down Flow

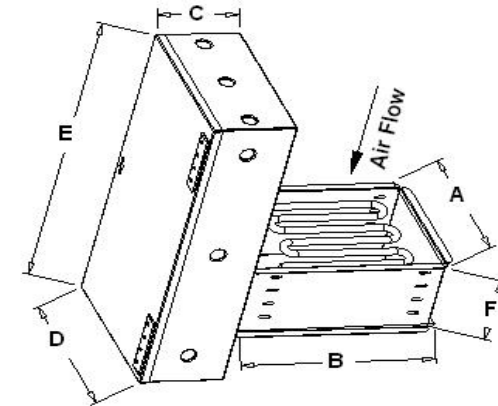
**Work Order #**

**BTU** ELECTRIC  
HEATERS

BTU Duct Heaters are insert type, **A.R.L. Listed**, suitable for Zero Clearance Installations to 100 KW in verticle duct systems and may be used with Heat Pumps, Cooling Units or any Forced Air System.

Contactor and protective devices are included. Automatic reset thermal limit switches are used as primary protective devices. Manually resettable devices are in the power circuits as back-up protection. 24 V standard control circuits and stainless steel hardware.

Control panels and shrouds are of heavy galvanized steel. Open wound helically coiled nickel/chrome alloy elements are set in frames of sturdy galvanized steel with rugged steatite insulators and stainless steel terminations. Hinges and automatic latches are on all control box covers.



## MOUNTED OPTIONS AVAILABLE WITH BTU HEATERS

1. Air Pressure Switch Positive Pressure (Standard)
- 1A. Fan Interlock relay (w/Air Switch)
2. Circuit Fusing - 48 Amps or less
3. Control Panel Insulation
4. Special Dimensions
5. Transformers - step down to 24 V Class 2
- 5A. Transformer - step down to 120 V w/Fuse
6. Pilot Light
7. Reverse Air Flow
8. Delay Relay between Stages 24 V only.

- |     |                                            |   |
|-----|--------------------------------------------|---|
| 9.  | Control Voltages - 120V to 277 V           |   |
| 10. | PE (Pneumatic Electric) Switches Per Stage |   |
| 11. | Mercury Contactors (silent)                |   |
| 12. | Low Watt Density Elements                  |   |
| 13. | Pilot Relays                               |   |
| 14. | Disconnect Switches                        |   |
| 15. | SCR Control 100%, Input Signal             | 0 |
| 16. | Step Controller, Number of Stages          |   |
| 17. | Thermostat, Model Number                   |   |

0-10 VDC or 4 - 20 MA

Notes:

[illegible]

