



**neptronic**<sup>®</sup>  
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■ HVAC Controls   ■ Electric Actuators   ■ Actuated Valves  
■ Humidifiers   ■ Electric Heaters

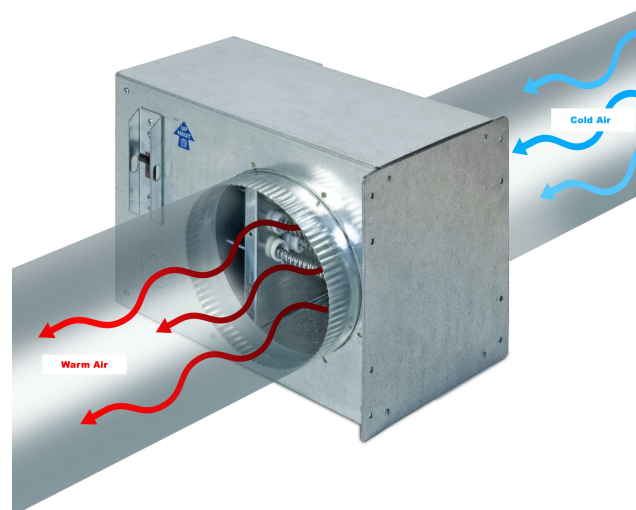
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## NEP-Therm Heaters vs Standard Heaters

### When are zone heaters a good choice?

Today's homes, condos and offices require more fresh air than ever in order to avoid living in an environment that is both uncomfortable and unhealthy. NEP-Therm heaters (zone heaters) complement your heating system by preheating fresh air. NEP-Therm heaters are also used to complement existing forced air heating systems of homes, condos or offices. The temperature in each and every cold-zone area will now be individually controlled.

Compared to standard heaters, the NEP-Therm heaters are equipped with a modulating controller that enables operation in extremely low air flow conditions with peak performance. NEP-Therm heaters come in specific sizes, voltages and power (5", 6" or 8" collar; 0.5 kW to 5 kW at 120, 208 or 240 Vac). NEP-Therm heaters are available with one of 3 thermostats with a modulating signal. However, it is possible to convert these heaters into an ON/OFF signal simply by moving a jumper or wire. They can be mounted on a horizontal as well as a vertical duct.



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The NEP-Therm heaters are quality products engineered for performance with low operating costs. The model is built by choosing from the following options.

[\(Click here to enlarge\)](#)

**D F C R 0 0 Z T - 6 A 1 0 - R**

**0**: No screen on left side of the heater  
**1**: Screen on left side of the heater

**0**: No screen on right side of the heater  
**1**: Screen on right side of the heater

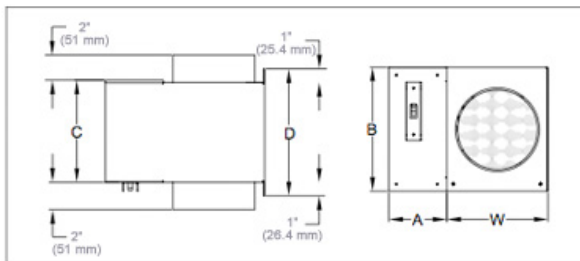
**T**: Toggle switch

**5**: Ø 5" collar    **8**: Ø 8" collar  
**6**: Ø 6" collar

**A**: 120 Vac  
**B**: 208 Vac  
**C**: 240 Vac

**05**: 0.5 Kw    **15**: 1.5 Kw    **30**: 3 Kw    **50**: 5 Kw  
**10**: 1 Kw    **20**: 2 Kw    **40**: 4 Kw

**R**: Room thermostat (STS3-13)  
**D**: Internal set point with duct sensor (STC8-13)  
**S**: Remote set point (ITO3) with duct sensor (STC8-13)  
**N**: Controls by others



| Dimension | Inches | Metric (mm) |
|-----------|--------|-------------|
| <b>A</b>  | 4.09   | 103.9       |
| <b>B</b>  | 5" ø   | 127.0       |
|           | 6" ø   | 152.4       |
|           | 8" ø   | 203.2       |
| <b>C</b>  | 7.22   | 183.5       |
| <b>D</b>  | 9.08   | 230.8       |
| <b>W</b>  | 5" ø   | 127.0       |
|           | 6" ø   | 152.4       |
|           | 8" ø   | 203.2       |

## Installation Tips

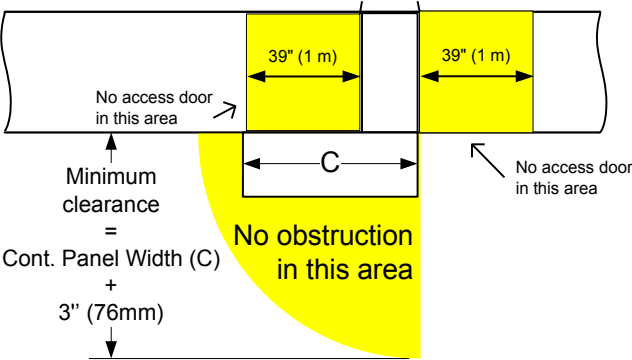
### **Minimum clearance to access control panel**

**Attention**, for safety reasons, minimum clearance to access control panel should respect the local electric code.

**Caution, Risk of electric shock and burns.** A minimum distance of 39" (1m) must be maintained between heating section and any opening or access door in the duct. This

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applies to all types of heaters. If this distance cannot be maintained, a guard must be installed to protect personnel from contact with the heating elements and bare live parts.



To learn more about our NEP-Therm heaters, visit our [website](http://www.neptronic.com).

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