

# Product Instructions

## Powerhead For Brass Manifold

### Applications

The Powerhead 18 028 is a two position actuator for zone control which mounts on the return valve of the manifold. A 24 V signal actuates the head to open the valve. The position of the valve is normally closed.

The Powerhead may be used on 1" Brass Viega heating manifolds. These powerheads are not compatible with Viega's new Stainless Steel Manifolds.

### Features

- Grey in color.
- Three indicator windows allow the position of the valve to be verified (valve is open when red bar is visible in window).
- Compact design provides additional clearance for installation.
- 48 inch cable length allows most connections to be made without additional wiring.

### Installation

Remove plastic cap from manifold return valve and tighten actuator onto the valve by hand. Do not use a pipe wrench, pliers, or any similar tool.

In order to avoid unnecessary running hours and to extend the life expectancy of the powerhead, shut down power to the powerheads during the non heating season.

Cable may be extended where necessary using 18-20 gauge wire.

### Specifications

Operating Voltage: 24 V

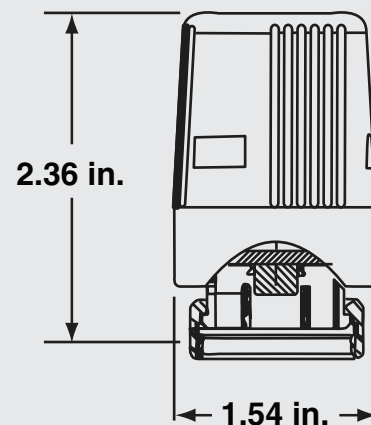
Current Consumption: Short increase to max. 2A when unit is cut in. Constant current during operation approx. 0.125 A at 24 V (3 VA).

Cable length: 48 in.

Transformer Capacity Required: up to 8 Powerheads on a 40 VA transformer up to 15 Powerheads on a 75 VA transformer



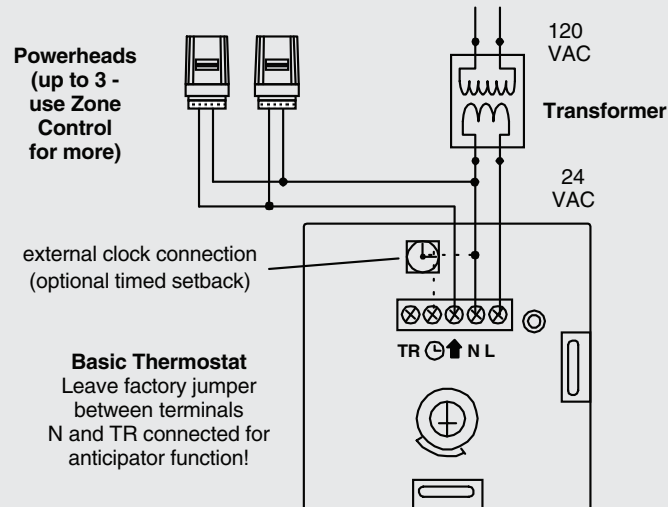
### Dimensions



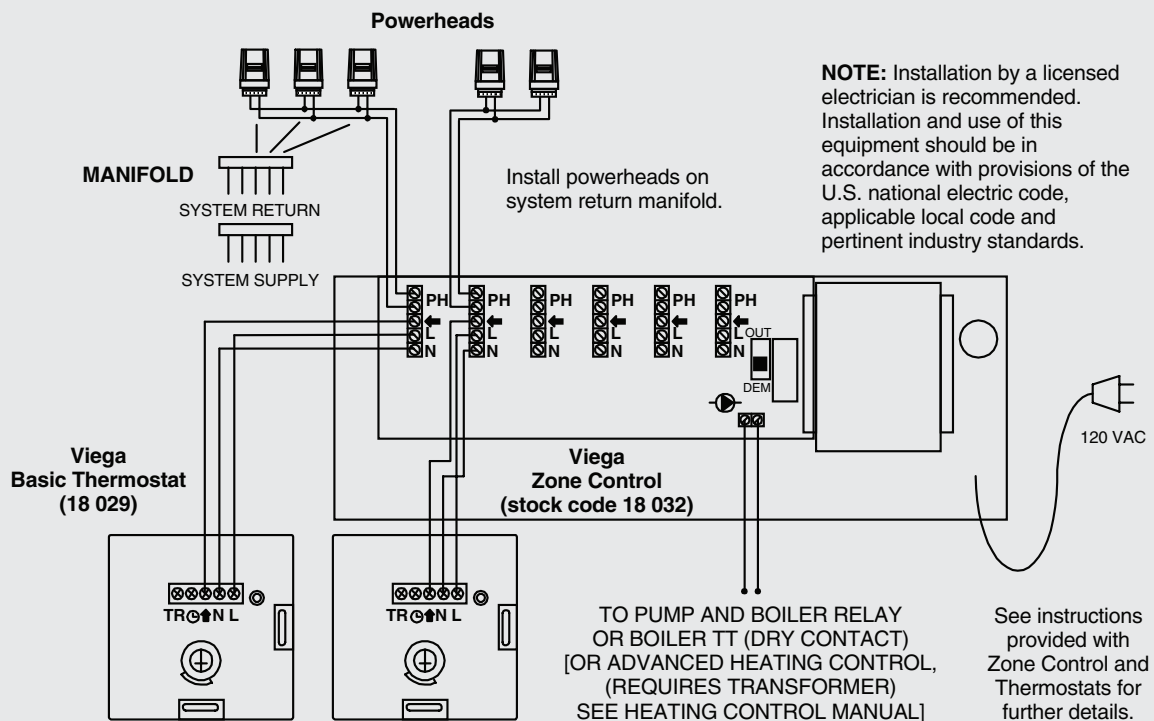
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### Powerhead For Brass Manifold

#### Wiring schematic - Thermostat with Powerheads



#### Wiring schematic - Thermostats with Zone Control



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