Tech Data

Viega Hydronic Mixing Block

This document is subject to updates. For the most current Viega technical literature please visit www.viega.us.

Viega products are designed to be installed by licensed and trained plumbing and mechanical professionals who are familiar with Viega products and their installation. **Installation by non-professionals may void Viega LLC’s warranty.**

**WARNING!** Only suitably qualified individuals with formal training in electrical and HVAC controls should attempt the installation of this equipment. Incorrect wiring and installation will affect the warranty provided with this unit. Wiring must be completed in accordance with the codes and practices applicable to the jurisdiction for the actual installation.

**WARNING!** The Hydronic Mixing Block is a microprocessor based controller and as such is not to be regarded as a safety (limit) control. Please consult and install the heating or cooling appliance in accordance with the manufacturer’s recommendations.

**Description**

The Hydronic Mixing Block is a mixing device and boiler control with a built in circulator and system controller. The block can provide either a fixed or reset water temperature via on/off or constant fluid circulation.

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Wiring Terminal Block
Pressure/Temperature Sensor
Delivery Fitting (3)
¾” Solder Connection*

Return Fitting (2)
¾” Solder Connection*

Display Screen
Adjustment Buttons
Fitting Clip
Supply Fitting (1)
Backplate

* Viega tailpieces may be used in place of solder connections. Viega tailpieces are available for sale separately.
Viega Hydronic Mixing Block Tech Data

## Part No. Speed Amps Watts HP

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<tbody>
<tr>
<td>56160</td>
<td>Hi</td>
<td>1.12</td>
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<tr>
<td></td>
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<td>1/25</td>
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### Input Voltage / Current
120V AC ± 10% 60 Hz, 2A

### Sensors
(2) 10 kΩ thermistors - 1 boiler sensor, 1 outdoor sensor
Sensor wiring may be extended up to 500 ft.
Use 18 gauge wire when extending

### Boiler Relay
24V AC 1.0 MAX AMPS

### Circulator Relay
24V AC 1.0 MAX AMPS

### Microprocessor
8 Bit, 32 MHz

### Fluid
Water
Propylene or Ethylene glycol to 50% concentration

### Temperature
Maximum Temperature: 203° F

### Pressure
Maximum Working Pressure: 45 psi
Maximum Test Pressure: 100 psi

### Weight
10 lbs.

### Dimensions
12.18" W x 10" H x 6.7" D

### ETL Listings
Meets CSA C22.2 No. 24
Meets UL Standard 873
ETL Control No. 3068143

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Pump Curve for Hydronic Mixing Block

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TD-HC 0820 Hydronic Mixing Block