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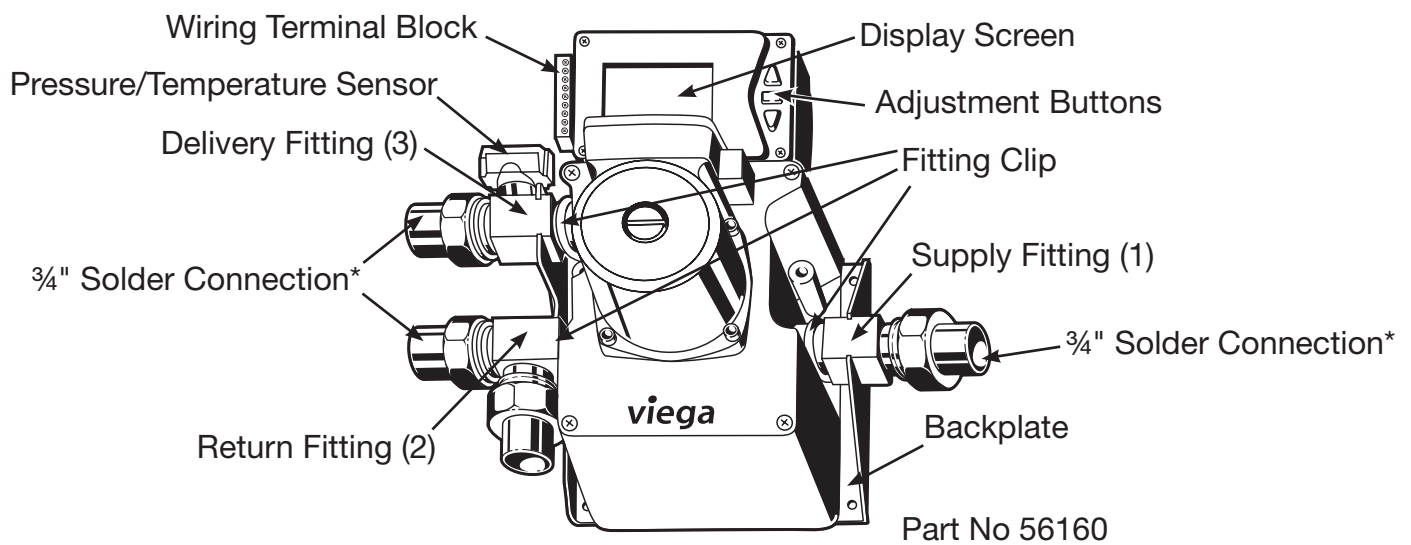
Viega® Hydronic Mixing Block

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 start/stop or constant fluid circulation.

Wiring Terminal Block
Pressure/Temperature Sensor
Delivery Fitting (3)
¾" Solder Connection*
Return Fitting (2)
Display Screen
Adjustment Buttons
Fitting Clip
Supply Fitting (1)
¾" Solder Connection*
Backplate
Part No 56160

* ProPress tailpieces may be used in place of solder connections. ProPress tailpieces are available for sale separately.

⚠ 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.

⚠ 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.

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Technical Data

Input Voltage/Current
120 VAC ± 10% 60 Hz, 2A

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

Boiler Relay
24VAC 1.0 MAX AMPS

Circulator Relay
24VAC 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

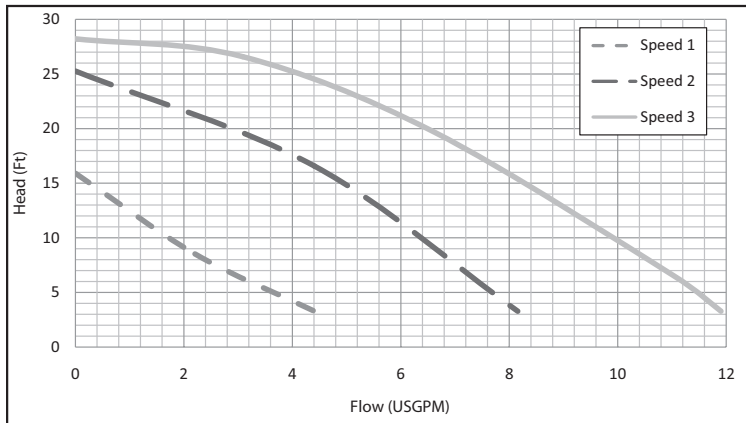### Weight
10 lbs.

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

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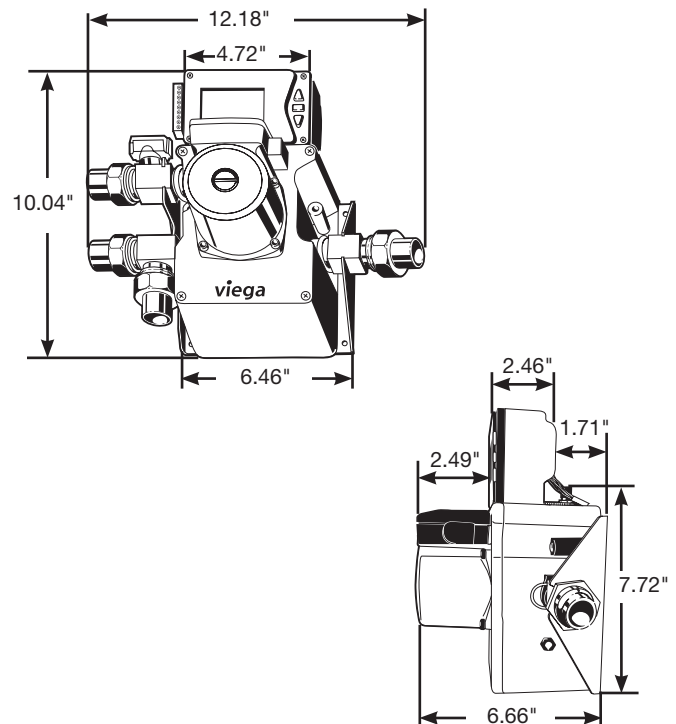ETL Control No. 3068143

Part No
56160

Pump Curve for Hydronic Mixing Block

Dimensions

Part Number	Speed	Amps	Watts	HP
	Hi	1.12	130	1/25
56160	Med	1.04	110	1/25
	Low	0.78	80	1/25

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