

31 Mixing Station

Description

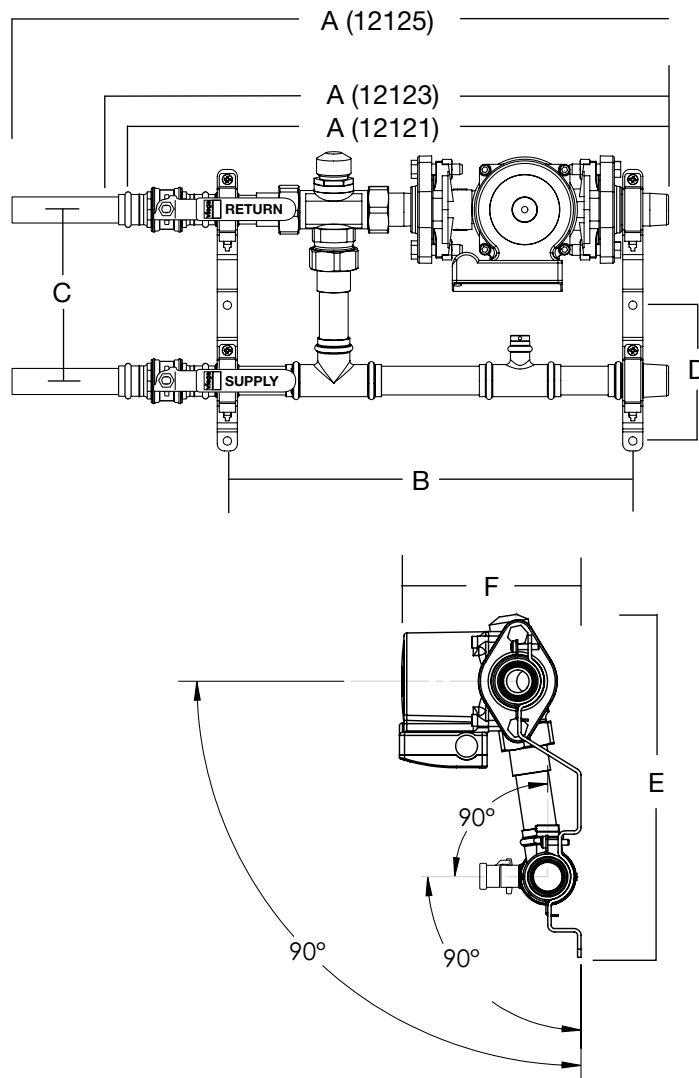
The Viega mixing station provides supply water temperature modulation when connected to a variety of heat sources such as conventional or condensing boilers, water heaters, or geothermal heat pumps. Stations are available with a high head 3 speed circulator. Boiler connections can be made with ProPress, PEX Press adapters, or copper (male) for soldering. A built-in sensor well allows easy mounting of the supply temperature sensor for the basic heating control. The ball valve handles come labeled for supply and return making piping identification easy.

Features

- Ready to hang, factory tested
- Ideal for direct connect or remote locations
- Can be manually or electronically adjusted
- Versatile boiler side connections
- Compatible with most heat sources

Specifications

- Copper: Type "L" ASTM B88
- Min. Temperature: 36°F
- Max. Temperature: 180°F
- Max. Pressure: 100 psi
- Max. Glycol Mix: 50%

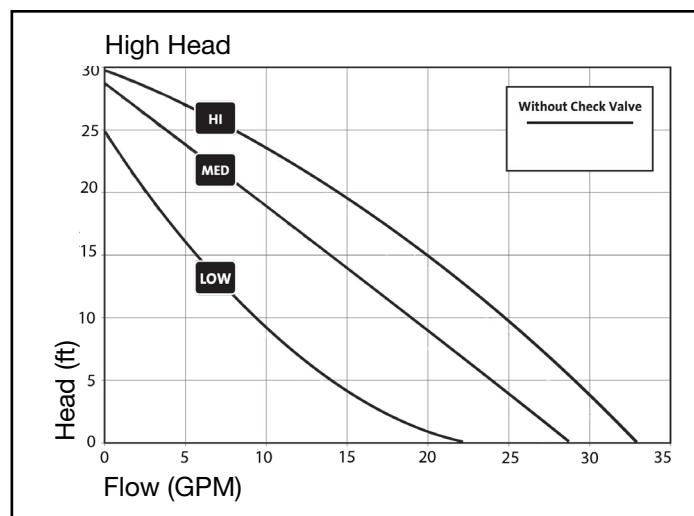


Part No.	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)
12121	20.63	16	6.69	5.31	11.72	6.98
12123	21.61	16	6.69	5.31	11.72	6.98
12125	24.67	16	6.69	5.31	11.72	6.98

3-Speed High Head Circulator Pump

- Flow Range: 0 to 34 U.S. GPM
- Head Range: 0 to 30 feet
- Motor: 2-Pole, Single-Phase, 120V
- Max. Fluid Temperature: 230°F (110°C)
- Min. Fluid Temperature: 36°F (2°C)
- Max. Working Pressure: 145 PSI

Part No.	Speed	Amps	Watts	HP
12127	HI	1.8	197	1/6
	MED	1.5	179	1/6
	LOW	1.3	150	1/6



Dimensions

# Outlets	Mixing Station + Stainless Manifold (in)*
1	N/A
2	28.84
3	30.84
4	32.84
5	34.74
6	36.74
7	38.74
8	40.64
9	42.64
10	44.64
11	46.54
12	48.54

*Dimensions based off part number 12121

*When using part number 12123, add 0.86"

*When using part number 12125, add 3.92"

Materials

Description	Part No.
ProPress 1" Ball Valves (2)	24010
ProPress 1" Tee	77412
ProPress 1" x 1/2" Tee	77432
ProPress 1" C x M NPT	79245
Sensor Well Set	12128
3 Speed Circulator Pump	12127 (high)
Diverting Valve	20002
Strap On Temp. Gauge	15055
1" PEX Press x 1" Copper (male)	97560