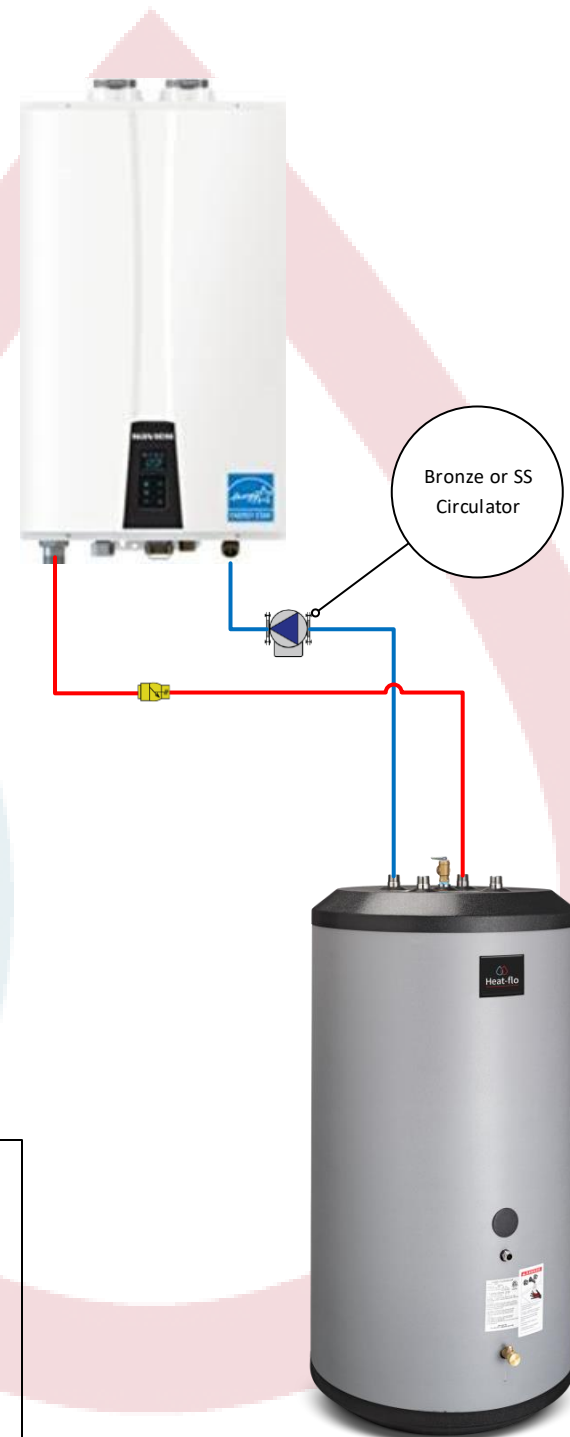
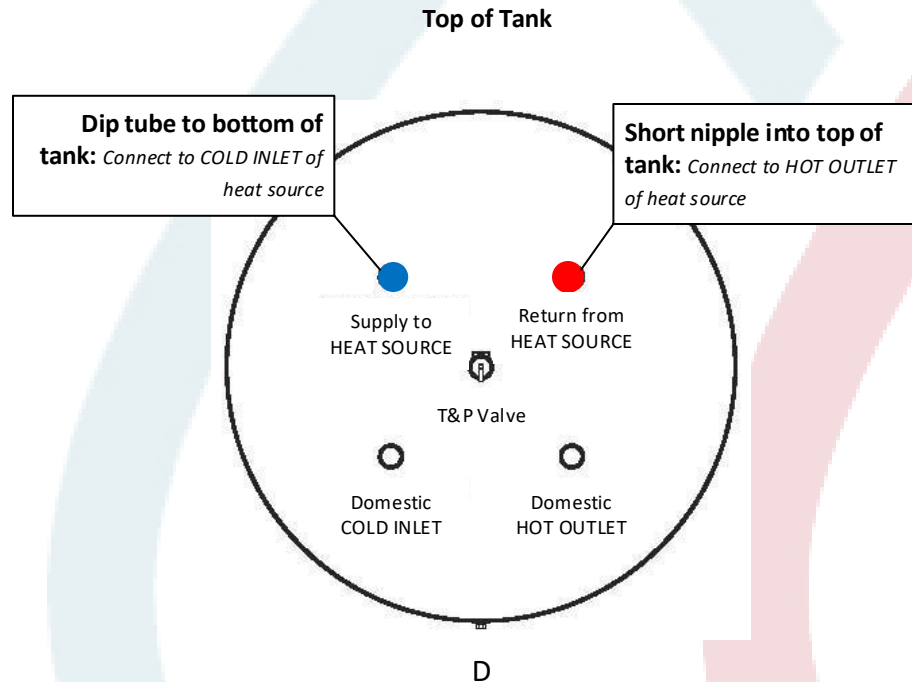


# Heat-Flo, Inc.

## Heat-flo Storage Tank to Navien on-demand unit



### DISCLAIMER

This drawing shows system piping concept only. Installer is responsible for all equipment and detailing required by local codes.

- Size header piping for maximum flow velocity of 2 feet/ second.
- All other piping should be sized for a maximum flow velocity of 4 feet/ second.
- Install a minimum of 12 diameters of straight pipe upstream of all circulators and check valves.
- Install isolating flanges or isolating valves on all circulators.
- Install purging valve(s) on all circuits.
- All closely spaced tees shall be within 4 pipe diameter center to center spacing.
- Install minimum of 6 pipe diameters of straight pipe upstream and downstream of all closely spaced tees.
- Differential pressure bypass valve prevents flow noise under partial load conditions (some zone valves closed).
- Set differential pressure bypass valve to delta P of distribution system with all zones open +1 psi.

# Heat-Flo, Inc.

## Storage Tank Domestic Piping

### Dimensions and Capacities

Model	Storage Volume (Gal.)	Dimensions (Inches)		Piping Connections (NPT)		Max. Tank Working Pressure (psi)	Approx. Shipping Wt. (Lbs.)
		(Ht.)	(Dia.)	Domestic Water In/ Out	Boiler Water In/ Out		
HF-30-ST	30	34.0	23.5	1	1	150	75
HF-40-ST	40	44.0	23.5	1	1	150	90
HF-40L-ST	42	36.0	28.0	1	1	150	90
HF-60-ST	60	62.0	23.5	1	1	150	115
HF-60L-ST	60	46.0	28.0	1	1	150	110
HF-80-ST	80	56.0	28.0	1	1	150	140
HF-115-ST	115	74.0	28.0	1	1	150	175
HF-80-ST-C	80	56.0	28.0	1 1/2	1	150	140
HF-115-ST-C	115	74.0	28.0	1 1/2	1	150	175

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Set differential pressure bypass valve to delta P of distribution system with all zones open +1 psi.

