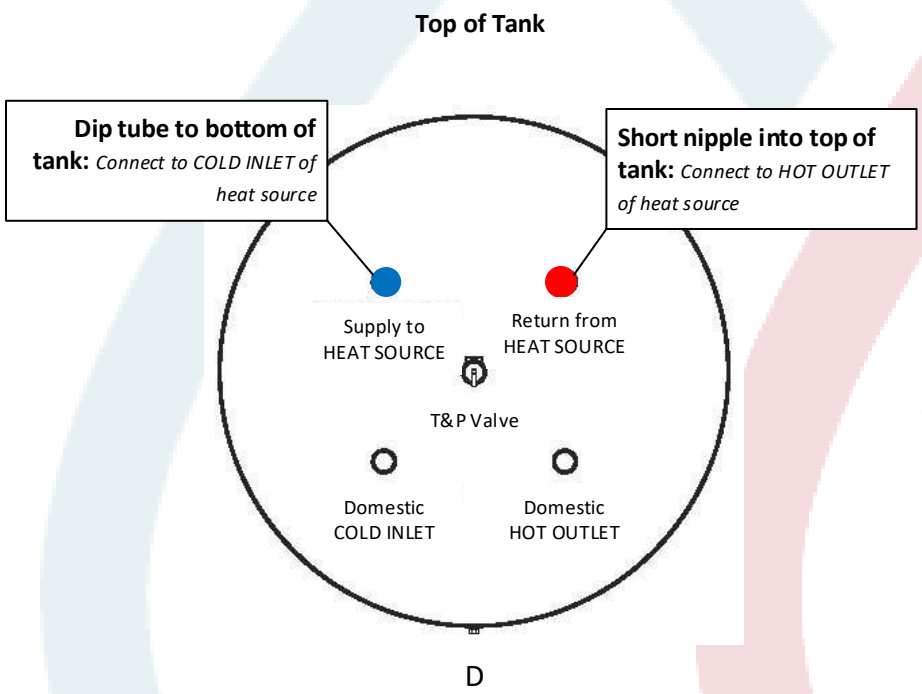
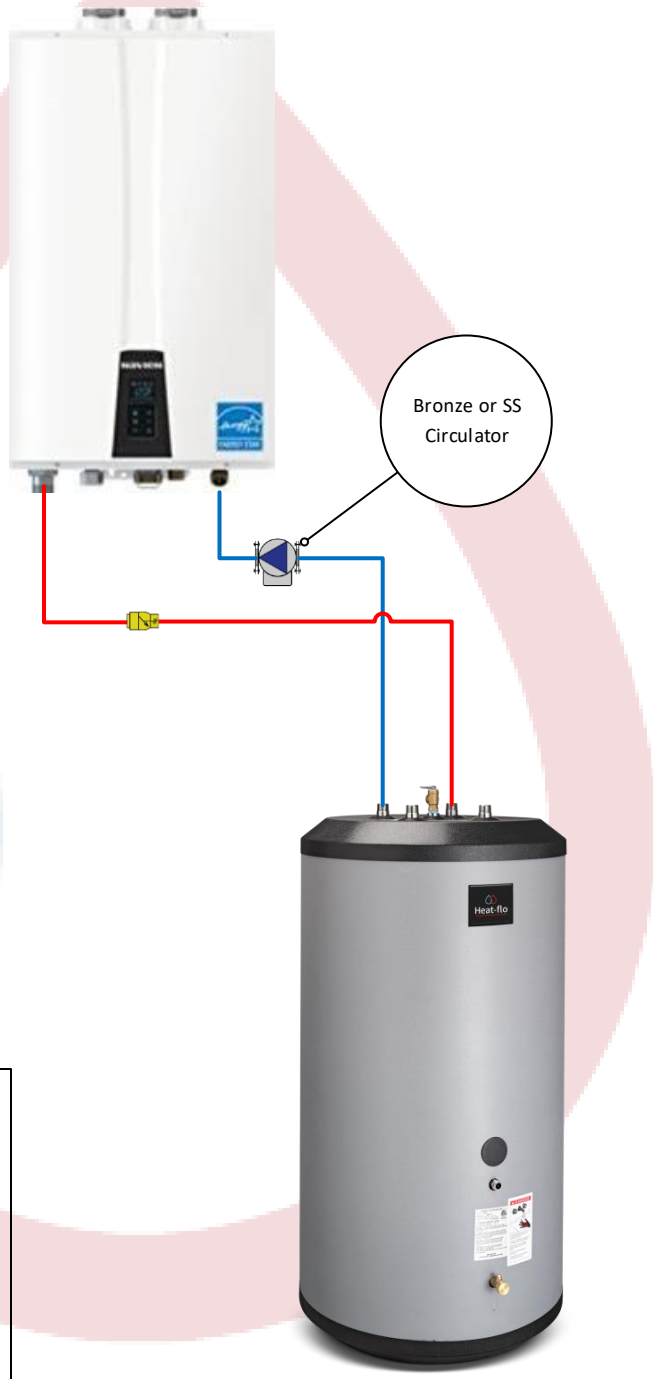
Heat-Flo, LLC.

Heat-flo Storage Tank to Navien on-demand unit



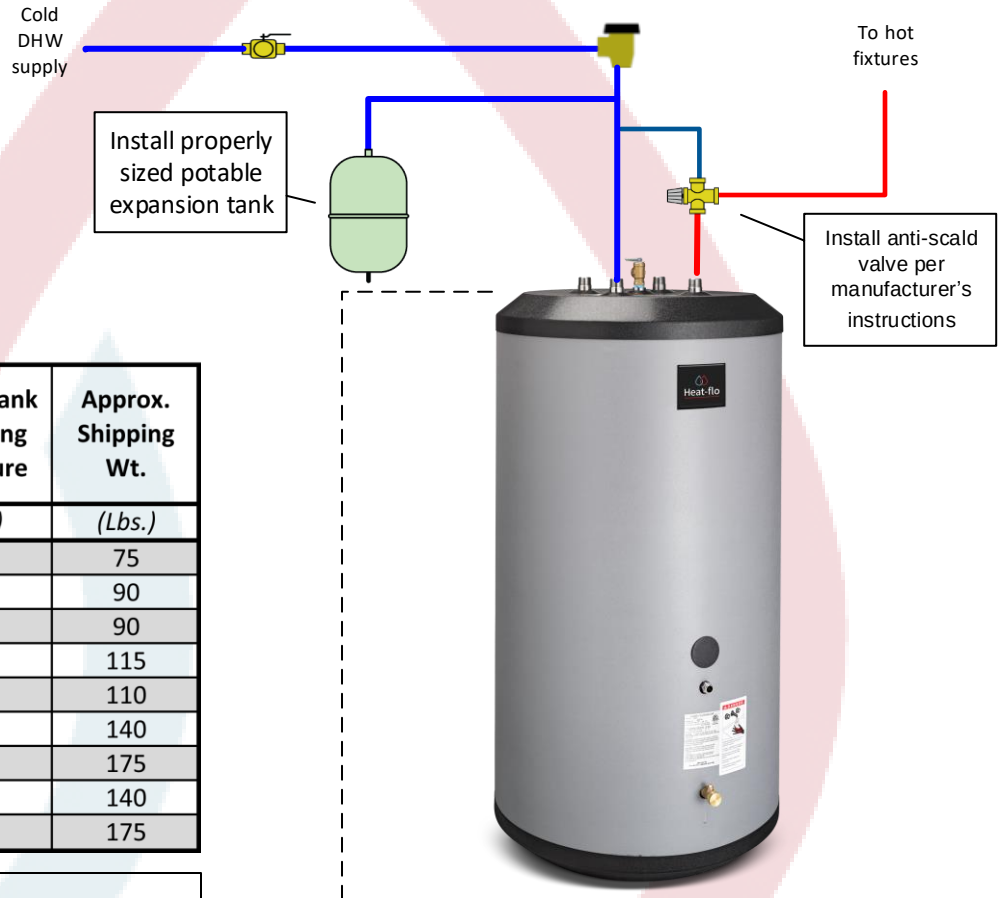


DISCLAIMER

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.

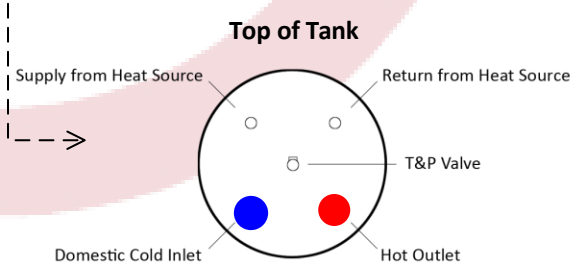
Heat-Flo, LLC.

Storage Tank Domestic Piping



Dimensions and Capacities

	Storage Volume	Dimensions (Inches)		Piping Connections (NPT) Domestic Water	Piping Connections (NPT) Boiler Water	Max. Tank Working Pressure	Approx. Shipping Wt.
Model	*(Gal.)*	*(Ht.)*	*(Dia.)*	*In/ Out*	*In/ Out*	*(psi)*	*(Lbs.)*
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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