



SUBMITTAL SHEET

STAINLESS STEEL HYDRONIC BUFFER TANKS

JOB NAME: _____

LOCATION: _____

ARCH./ENGINEER: _____

WHOLESALER: _____

MECH CONTRACTOR: _____

MODEL NO.: _____

GALLON CAPACITY: _____

NOTES: _____

STANDARD FEATURES

- 30 GALLON CAPACITY
- R-16+ INSULATION
- ALL 316L STAINLESS STEEL CONSTRUCTION, NO DISSIMILAR METALS
- UNIQUE TOP CONNECTION BUFFER TANK
- FOUR 1-1/4" X MALE NIPPLES ON TOP OF TANK
- TWO STAINLESS STEEL DIP TUBES
- REMOVABLE STAINLESS STEEL THERMAL WELL
- FACTORY-INSTALLED DRAIN VALVE
- THERMOPLASTIC JACKET
- PRORATED WARRANTY
- CONFORMS TO UL STD. 174 AND NSF/ANSI 372
- CERTIFIED TO CAN/CSA STD C22.2 NO. 110-94

The 30-gallon Hydronic Buffer Tanks are built with 4 connection points on the top of the tank. Clearly marked, two connections are fitted with welded, stainless steel dip tubes to direct flow to the tank bottom. The remaining fittings terminate at the top of the tank. Top connections make this an ideal product to pair with a wall-mounted boiler.

When piped correctly, the tank can serve as both a thermal buffer and a hydraulic separator.

HYDRONIC BUFFER TANKS



Heat-flo's Hydronic Buffer Tanks are designed to be used in closed loop heating systems with low-mass boilers, geothermal systems, and chilled water applications. Utilizing our hydronic buffer tanks improves system efficiency and can extend equipment life by reducing the wear and tear on chillers or boilers due to short cycling.

HF-30-BT

The HF-30-BT is designed with 4 – 1 ¼” NPT connections on top, and can be installed under a typical residential mod-con boiler to save space, piping, and labor. Two top connections draw water from the top of the tank, while the other two direct water to the bottom of the tank via internal stainless steel dip tubes. A ½” connection is in the center of the tank for an air vent.

FEATURES AND BENEFITS INCLUDE:

QUALITY DESIGN & CONSTRUCTION

- All stainless steel.
- All units R-16+ insulation, providing very low heat loss.
- Flexible thermoplastic jacket that will not corrode and resists denting.

EASY INSTALLATION

- Brass drain valves are factory installed.

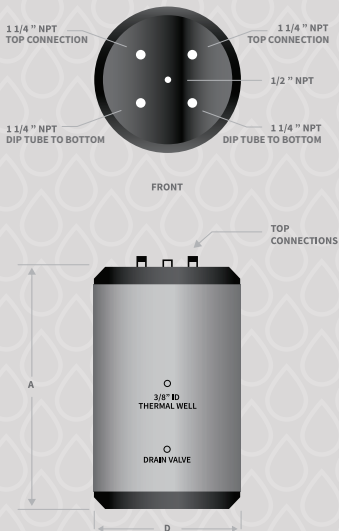
RESIDENTIAL AND COMMERCIAL

- Models available in 30-gallon capacity.

DIMENSIONS & CAPACITIES

MODEL	Storage Volume (Gal.)	Dimensions (Inches)				Piping Connections (NPT)	Max. Tank Working Pressure (psi)	Approx. Shipping Wt. (Lbs.)
		A (Ht.)	B	C	D (Dia.)			
HF-30-BT	30	35.8	—	—	23.5	1 ¼"	60	77

SYSTEM CONNECTION CONFIGURATIONS & DIMENSIONS



RAISING THE STANDARD