



SUBMITTAL SHEET

STAINLESS STEEL HYDRONIC BUFFER TANKS

JOB NAME: _____

LOCATION: _____

ARCH./ENGINEER: _____

WHOLESALER: _____

MECH CONTRACTOR: _____

MODEL NO.: _____

GALLON CAPACITY: _____

NOTES: _____

STANDARD FEATURES

- 22-GALLON CAPACITY
- R-16+ INSULATION
- ALL 316L STAINLESS STEEL CONSTRUCTION, NO DISSIMILAR METALS
- REMOVABLE THERMAL WELL ON MODEL HF-22-BT-4
- THERMOPLASTIC JACKET
- 1-1/4" TAPPINGS
- AVAILABLE IN 2-PORT AND 4-PORT MODELS (HF-22-BT-2, HF-22-BT-4)
- PRORATED WARRANTY
- CONFORMS TO UL STD. 174 AND NSF/ANSI 372
- CERTIFIED TO CAN/CSA STD C22.2 NO. 110-94

The 22-gallon Hydronic Buffer Tanks are built with either 2 or 4 connections points. When piped correctly, the tank can serve as both a thermal buffer and 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-22-BT

The primary application for the HF-22-BT is to reduce low-mass modulating, condensing boiler short cycling. The high and low left side connections are used for boiler supply and return. The top connection is used to supply the distribution system and the low right connection is the return from the distribution system. If the top connection is piped to the line supplying the air purger and vent, the tank will be self-venting.

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.

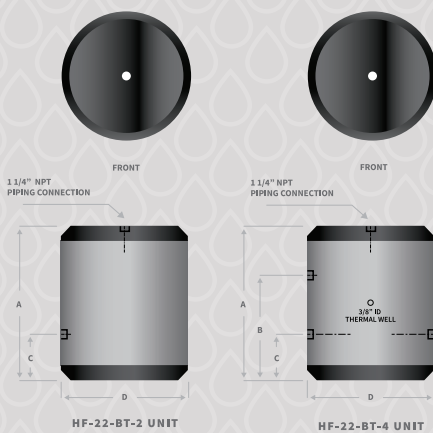
RESIDENTIAL AND COMMERCIAL

- Models available in 22-gallon sizes.

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-22-BT-2	22	24.5	—	8.0	22.5	1 1/4"	60	35
HF-22-BT-4	22	24.5	15.0	8.0	22.5	1 1/4"	60	35

SYSTEM CONNECTION CONFIGURATIONS & DIMENSIONS



RAISING THE STANDARD