



SUBMITTAL SHEET

STAINLESS STEEL HYDRONIC BUFFER TANKS

JOB NAME: _____

LOCATION: _____

ARCH./ENGINEER: _____

WHOLESALE: _____

MECH CONTRACTOR: _____

MODEL NO.: _____

GALLON CAPACITY: _____

NOTES: _____

STANDARD FEATURES

- 40 TO 115-GALLON CAPACITIES
- R-16+ INSULATION
- ALL 316L STAINLESS STEEL CONSTRUCTION, NO DISSIMILAR METALS
- REMOVABLE STAINLESS STEEL THERMAL WELL
- THERMOPLASTIC JACKET
- ELECTRIC BACKUP AVAILABLE UPON REQUEST
- PRORATED WARRANTY
- CONFORMS TO UL 174
- CERTIFIED TO CAN/CSA STD C22.2 NO. 110-94

Heat-flo's Hydronic Buffer Tanks are built with 5 connections. Two can be piped to the chiller or boiler, while the other two can be piped to the distribution system. If piped correctly, the tank can serve as both a thermal buffer and a hydraulic separator. The chiller or boiler can be hydraulically decoupled from the distribution system. The tanks are all stainless steel construction with R-16+ insulation and a thermoplastic jacket. Buffer Tanks are available in 40, 60, 80, and 115-gallon capacities.

RAISING THE STANDARD

80-590 REV A | Pg 1 of 2



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-40-BT THROUGH HF-115-BT

Our hydronic buffer tanks are built with 5 connections: 2 connections can be piped to the chiller or boiler, and 2 connections can be piped to the distribution system. A fifth connection is available for alternate piping configurations. When configured and piped correctly, Heat-flo hydronic buffer tanks can serve as both a thermal buffer and a hydraulic separator - allowing the heating or cooling source to be hydraulically decoupled from the distribution system.

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.

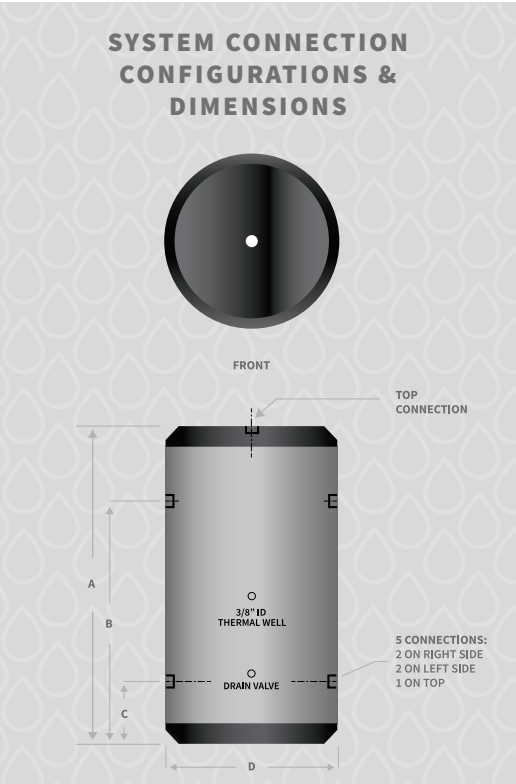
RESIDENTIAL AND COMMERCIAL

- Models available in 22, 30, 40, 60, 80, and 115-gallon sizes.
- Bank together 80 and 115-gallon units for large commercial applications.

DIMENSIONS & CAPACITIES

MODEL	Storage Volume	Dimensions				Piping Connections	Max. Tank Working Pressure	Approx. Shipping Wt.
		(Inches)						
	(Gal.)	A (Ht.)	B	C	D (Dia.)	(NPT)	(psi)	(Lbs.)
*HF-40-BT-2	40	42.7	31.0	11.0	23.5	2"	60	87
*HF-60-BT-2	60	42.3	31.5	11.5	28.0	2"	60	115
*HF-80-BT-2	80	52.3	40.5	11.5	28.0	2"	60	125
*HF-115-BT-2	115	72	61.5	11.5	28.0	2"	60	160

*1-1/4" NPT & 1-1/2" NPT Tappings available upon request.



RAISING THE STANDARD