

MULTI-ENERGY TANKS



Heat-flo's Multi-Energy Tanks are ideal for a variety of residential and commercial water heating applications. With two coil options, and the addition of electric backup packages, these tanks can suit a variety of water heating possibilities.

Multi-energy tanks are versatile, with single or dual hydronic coils that can be paired with any water based heat generating equipment for heat input. From boilers, to solar, or even water based heat pump applications. There is also the option to output to smaller heating loads such as small snow melt or floor warming applications.

The optional electric backup kits improve the versatility of the tanks by adding a single low watt density conventional resistance heating element, thermostat, and a simple wiring terminal block, all within an easily accessible UL approved electrical box. Element can heat the tank if other heat source is not available for a short time, ensuring consistent hot water performance. All units are equipped with a removable thermal well to accept a solar control thermostat or thermistor.

FEATURES AND BENEFITS INCLUDE:

QUALITY DESIGN & CONSTRUCTION

- Tanks and coils are all stainless steel.
- Large, smooth, stainless steel coils; no finned tubing to collect lime and sediment.
- Over 2" of insulation, providing less than 1° / hr. heat loss.
- Flexible thermoplastic jacket that will not corrode and resists denting.

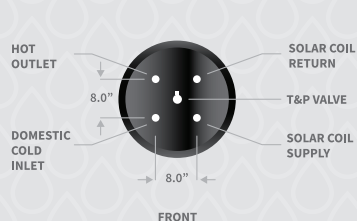
EASY INSTALLATION

- All pipe connections are on top for a neat, quick and clean installation.
- Brass drain and relief valves are factory installed.
- Includes one thermostat well per hydronic coil.
- Large electrical box with pre-wired heating element, thermostat, and high limit on electric backup units.
- Long life, low watt density element.

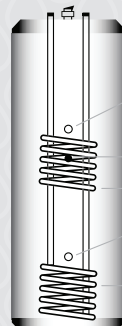
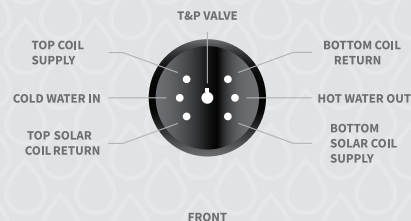


HF-115-E / HF-80-E / HF-60-E
 HF-115-D / HF-80-D / HF-60-D
 HF-115-DE / HF-80-DE / HF-60-DE
 HF-60-ST-E / HF-80-ST-E /
 HF-115-ST-E

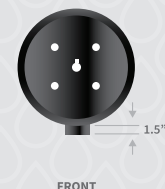
SYSTEM CONNECTION CONFIGURATIONS & DIMENSIONS FOR EACH MODEL



SINGLE COIL UNITS



DUAL COIL UNITS



ELECTRIC BACKUP UNITS



Conforms to UL STD
174 and NSF/ANSI 372
Certified to CAN/CSA
STD C22.2 No. 110-94



**RAISING
THE
STANDARD**

DIMENSIONS & CAPACITIES

MODEL	Storage Volume	Top Coil Heating Surface	Bottom Coil Heating Surface	Dimensions (inches)		Domestic Connection	Pipe Connection	Max. Working Pressure	Approximate Shipping Wt.
	(Gal.)	(Sq. Ft.)	(Sq. Ft.)	(Ht.)	(Dia.)	(NPT)	(NPT)	(psi)	(Lbs.)

SINGLE COIL WITH 4,500 WATT ELECTRIC BACKUP

HF-115-E	115	—	9.1	74.5	28.0	3/4"	1"	150	180
HF-80-E	80	—	8.2	55.2	28.0	3/4"	1"	150	145
HF-60-E	60	—	8.6	62.3	23.5	3/4"	1"	150	135

DUAL COIL - NO ELECTRIC BACKUP

HF-115-D	115	7.4	9.1	74.5	28.0	1"	1"	150	205
HF-80-D	80	7.4	8.2	55.2	28.0	1"	1"	150	175
HF-60-D	60	7.4	8.6	62.3	23.5	1"	1"	150	135

DUAL COIL WITH 4,500 WATT ELECTRIC BACKUP

HF-115-DE	115	7.4	9.1	74.5	28.0	1"	1"	150	215
HF-80-DE	80	7.4	8.2	55.2	28.0	1"	1"	150	185
HF-60-DE	60	7.4	8.6	62.3	23.5	1"	1"	150	175

MODEL	Storage Volume	Dimensions (inches)		Piping Connections NPT		Max. Tank Working Pressure	Approximate Ship- ping Wt.
				Domestic Water	Supply / Return		
	(Gal.)	(Ht.)	(Dia.)	In/Out	In/Out	(psi)	(Lbs.)
HF-60-ST-E	60	62.3	23.5	1	1	150	115
HF-80-ST-E	80	55.2	28.0	1	1	150	140
HF-115-ST-E	115	74.5	28.0	1	1	150	175

MODEL	Top Coil Max Recovery	Bottom Coil Max. Recovery	Water Flow Through Coil	Pressure Drop Through Coil	
	(Gal./Hr.)	(Gal./Hr.)	(Gal./Min.)	(Ft. Water Top Coil)	(Ft. Water Bottom Coil)
115-Gal. Units	233	260	14.0	5.3	6.0
80-Gal. Units	233	234	14.0	5.3	6.0
60-Gal. Units	233	244	14.0	5.3	6.2

Note: An electric backup element adds 24 gallons per hour recover rate to aforementioned recovery rates.



HEAT-FLO, LLC.

15 MEGAN CT., P.O. BOX 612, UXBRIDGE MA, 01569, USA

PHONE: (508) 278-2400 | FAX: (508) 278-2466

E-MAIL: SALES@HEAT-FLO.COM

WWW.HEAT-FLO.COM

