



# SUBMITTAL SHEET

## STAINLESS STEEL INDIRECT-FIRED WATER HEATERS

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JOB NAME: \_\_\_\_\_

LOCATION: \_\_\_\_\_

ARCH./ENGINEER: \_\_\_\_\_

WHOLESALER: \_\_\_\_\_

MECH CONTRACTOR: \_\_\_\_\_

MODEL NO.: \_\_\_\_\_

GALLON CAPACITY: \_\_\_\_\_

NOTES: \_\_\_\_\_

### STANDARD FEATURES

- 30 TO 115-GALLON CAPACITY
- R-16+ INSULATION
- ALL 316L STAINLESS STEEL CONSTRUCTION, NO DISSIMILAR METALS
- ALL CONNECTIONS ON TOP OF TANK
- STAINLESS STEEL COLD INLET TUBE
- LARGE SMOOTH-WALL STAINLESS STEEL HEATING COILS IN COUNTERFLOW CONFIGURATION
- REMOVABLE STAINLESS STEEL THERMAL WELL
- FACTORY-INSTALLED DRAIN AND T & P VALVE
- THERMOPLASTIC JACKET
- ADJUSTABLE TEMPERATURE CONTROL SUPPLIED WITH UNIT
- REMOVABLE STAINLESS STEEL THERMAL CONTROL WELL
- OPTIONAL 3500W ELECTRIC BACKUP AVAILABLE (IN UNITS 40 GALLONS & GREATER)
- PRORATED LIMITED WARRANTY
- CONFORMS TO UL STD. 174 AND NSF/ANSI 372
- CERTIFIED TO CAN/CSA STD. C22.2 NO. 110-94

**RAISING THE STANDARD**

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# STAINLESS STEEL INDIRECT WATER HEATERS

Heat-flo's high efficiency Indirect Water Heaters are made with quality stainless steel materials that provide excellent heat transfer and a longer tank life, as well as abundant hot water and low operating costs. Indirect water heaters work in conjunction with a boiler to heat the water that's circulated through the heat exchanger in the tank.

When paired with an high efficiency boiler, Heat-flo's indirect water heaters can generate over 50% more hot water than many water heaters of similar size.

## FEATURES AND BENEFITS INCLUDE:

### QUALITY DESIGN & CONSTRUCTION

- Tanks and coils are all stainless steel construction.
- Large, smooth-wall coils deliver full output for years - no finned tubing to collect lime and sediment.
- All units R-16+ insulation, providing very low heat loss.
- Flexible thermoplastic jacket that will not corrode and resists denting.

### EASY INSTALLATION

- All connections are on top on the standard units for a neat, quick, and clean installation.
- Brass drain and relief valves are factory installed.
- Temperature Controls are supplied standard.

### RESIDENTIAL & COMMERCIAL

- Models are available in 30, 40, 50, 60, 80, and 115-gallon sizes.
- Bank together 80 and 115-gallon units for applications with high water heating demands.
- Limited warranty residential installation, 5 year commercial.



## SYSTEM CONNECTION CONFIGURATIONS FOR EACH MODEL



**DIMENSIONS & CAPACITIES**

MODEL	Storage Volume	Coil Heating Surface	Dimensions (inches)		Piping Connections NPT		Max. Tank Working Pressure	Max. Coil Working Pressure	Approximate Shipping Wt.
					Domestic Water	Boiler Water			
	(Gal.)	(Sq. ft)	(Ht.)	(Dia.)	In/Out	In/Out	(psi)	(psi)	(Lbs.)
HF-30	30	7.3	35.8	23.5	3/4	1	150	90	85
HF-40	40	7.7	45.2	23.5	3/4	1	150	90	100
HF-40L	42	7.4	35.8	28.0	3/4	1	150	90	100
HF-40R	40	7.7	45.2	23.5	3/4	1	150	90	100
HF-50	50	8.2	55.8	23.5	3/4	1	150	90	110
HF-60	60	8.6	63.8	23.5	3/4	1	150	90	125
HF-60L	60	7.7	45.8	28.0	3/4	1	150	90	120
HF-80	80	8.2	55.8	28.0	1	1	150	90	140
HF-115	115	9.1	75.5	28.0	1	1	150	90	175

**HIGH OUTPUT UNITS**

HF-60-HO	60	15.1	63.8	23.5	1	1	150	90	140
HF-80-HO	80	14.8	55.8	28.0	1	1	150	90	155
HF-80-HO-C	80	14.8	55.8	28.0	1 1/2	1 1/4	150	90	155
HF-115-HO	115	15.6	75.5	28.0	1	1	150	90	190
HF-115-HO-C	115	15.6	75.5	28.0	1 1/2	1 1/4	150	90	190
HF-85-XHO	87	28.7	63.5	28.0	1 1/2	1 1/2	150	90	215
HF-115-XHO	115	28.7	75.5	28.0	1 1/2	1 1/2	150	90	240

**180° F BOILER SUPPLY RATINGS**

MODEL	First Hour Rating		Continuous Rating		Boiler Output Needed	Boiler Water Flow Through Coil	Pressure Drop Through Coil
	(Gal./Hr.)		(Gal./Hr.)				
	140° F	115° F	140° F	115° F	(BTU/Hr.)	(Gal./Min.)	(Ft. Water)
HF-30	176	233	149	206	111,560	14.0	5.3
HF-40	193	254	157	218	117,870	14.0	5.7
HF-40L	186	251	150	215	116,000	14.0	5.3
HF-40R	193	254	157	218	117,870	14.0	5.7
HF-50	196	254	165	231	125,000	14.0	6.0
HF-60	231	298	177	244	132,340	14.0	6.2
HF-60L	211	272	157	218	117,785	14.0	5.7
HF-80	241	306	169	234	126,980	14.0	6.0
HF-115	291	363	188	260	140,890	14.0	6.0

**HIGH OUTPUT UNITS**

HF-60-HO	353	468	299	414	221,000	14.0	10.1
HF-80-HO	366	479	294	407	220,440	14.0	9.9
HF-80-HO-C	386	507	314	435	235,510	21.0	15.8
HF-115-HO	413	532	310	429	232,135	14.0	10.8
HF-115-HO-C	423	545	320	442	239,530	21.0	16.7
HF-85-XHO	649	868	571	790	428,000	28.0	13.0
HF-115-XHO	674	893	571	790	428,000	28.0	13.0

Note: All ratings are based on 180°F boiler water supply and 50°F cold water inlet. In the interest of continuous improvement, specifications are subject to change without notice.



**RAISING THE STANDARD**



# Heat-flo

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15 MEGAN COURT, P.O. BOX 612, UXBRIDGE, MA 01569 | PHONE: 508.278.2400 FAX: 508.278.2466 SALES@HEAT-FLO.COM | WWW.HEAT-FLO.COM