



OIL-FIRED WATER BOILER STARFIRE SFH SERIES 6

UP TO 87% AFUE EFFICIENCY



The Starfire SFH Oil-Fired Water Boiler features a dependable cast iron heat exchanger and a HydroLevel High Limit and Circulator Relay Control with LWCO.

■ **Exceptional Heat Exchanger Design:**

Features a dependable cast iron heat exchanger with cast iron push nipple connections. The sections and push nipples expand at the same rate when heated. By using similar materials instead of less expensive gaskets or steel push nipples, the boiler maintains a water tight seal.

■ **Hydrolevel Operating Control:**

- Features digital display and diagnostics
- Adjusts the water temperature based on your heating system demand which further reduces your heating costs
- Built-in low water cut-off (LWCO) to protect the boiler from potentially dangerous low water conditions

■ **Biofuel Certified:**

Beckett Burner up to B100
Riello Burner up to B20

- Utica Boilers backs our reliability with an industry leading limited 5-year parts warranty!

SFH FEATURES

- 5 Sizes are available:
 - 119, 140, 175, 224, 259 MBH Input (CH)
- Optional Tankless Domestic Hot Water Heater Coil
- 20 Year Non-Prorated Limited Warranty
5 Year Parts Limited Warranty (Residential)
- Assembled in the USA



There are some things you can always depend on...



www.utica boilers.com
PN 240009798 Rev. [08/14/26]

PRODUCT SPECIFICATIONS



AHRI CERTIFIED RATINGS							DIMENSIONS					
MODEL	Firing Rate GPH	Fuel Type*	Max Input MBH ⁽¹⁾	Heating Capacity MBH ⁽¹⁾⁽³⁾	Net AHRI Water MBH ⁽²⁾	Efficiency AFUE%	Chimney Size ⁽⁴⁾	Flue Size ⁽⁴⁾	Water Content Gals.	-A- Depth	Weight Lbs.	Tankless Capacity GPM ⁽⁵⁾
SFH-3085W(T)	0.85	NO. 2	119	103	90	86%	8"x8"x15'	6"	10.5	17-7/8"	534	3
		B20	116	99	86							
		B100	108	93	81							
SFH-4100W(T)	1.00	NO. 2	140	124	108	87%	8"x8"x15'	6"	13.5	21-1/2"	668	3.25
		B20	136	118	103							
		B100	128	111	97							
SFH-4125W(T)	1.25	NO. 2	175	152	132	86%	8"x8"x15'	6"	13.5	21-1/2"	668	3.75
		B20	170	146	127							
		B100	159	137	119							
SFH-5160W(T)	1.60	NO. 2	224	195	170	86%	8"x8"x15'	7"	16.5	25-1/8"	781	4
		B20	218	187	163							
		B100	204	176	153							
SFH-6185W(T)	1.85	NO. 2	259	226	197	86%	8"x8"x15'	8"	19.5	29-1/2"	901	4.25
		B20	252	216	188							
		B100	236	203	177							

(T) Tankless Coil Models

CONNECTIONS

Water Supply	2" NPT
Water Return	1-1/2" NPT
Oil Line	3/8" O.D. Copper Tubing for runs 50' or less 1/2" O.D. Copper Tubing for runs over 50'

ELECTRICAL

120 V ac, 60 hertz, 1 phase, less than 12 amps
(15 amp circuit recommended)

STANDARD EQUIPMENT

Boiler Control: Hydrolevel Fuel Smart Hydrostat Control - combination Low Water Cut Off with boiler temperature reset and circulator control.
Heat Exchanger: Cast Iron Heat Exchanger with Cast Iron Push Nipples. Swing out burner door.
Combustion: Oil burner, target wall/liner.
Electrical: Wiring Harness, Burner Electrical Disconnect.
Other: Crated Boiler, Flush Jacket; Circulator 1-1/4", Temperature Pressure Gauge, Safety Relief Valve, Drain Valve.

OPTIONS

Burners: Beckett, Carlin, Riello; Pumps: Taco or Less Pump;
Tankless Coil

* Beckett Burner is certified up to B100, Riello Burner is certified up to B20, Carlin Burner is #2 fuel only.

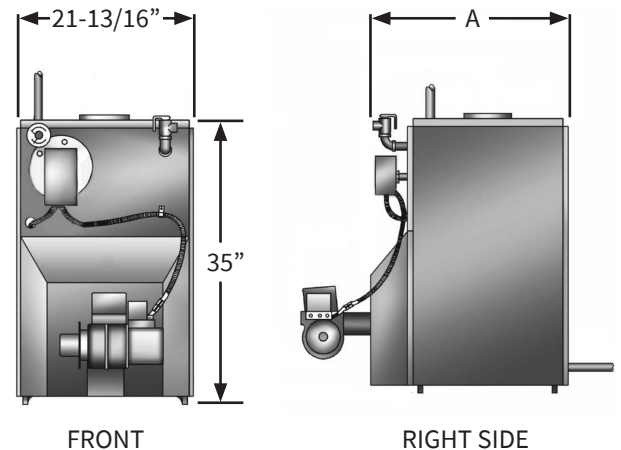
(1) Oil burner input based on 140,000 Btu/gal.

(2) Net AHRI Water Ratings shown are based on a piping and pickup allowance of 1.15. Consult manufacturer before selecting boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping.

(3) Heating Capacity and AFUE based on 13.1% CO₂ with -0.02" WC draft over fire and #1 smoke or less. Tested in accordance with U.S. Department of Energy test procedure.

(4) Refer to IOM and vent pipe manufacturer's instructions for equivalent lengths and approved venting materials.

(5) Capacity GPM applies to (T) models with a tankless coil.



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All specifications subject to change without notice.
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