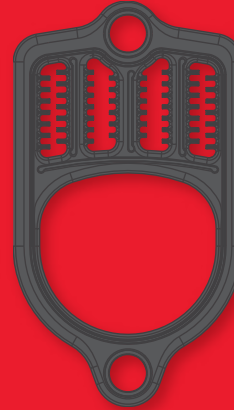




FREEPORT 2 FWZ SERIES

3-Pass Oil-Fired Hot Water Boiler



The FWZ boiler uses a 3-pass heat exchanger, designed to maximize heat transfer from flue gases to the boiler water, and

to minimize the amount of cast iron and water that must be heated. This is achieved by circulating the hot flue gases through the heat exchanger three times, resulting in a more efficient boiler.

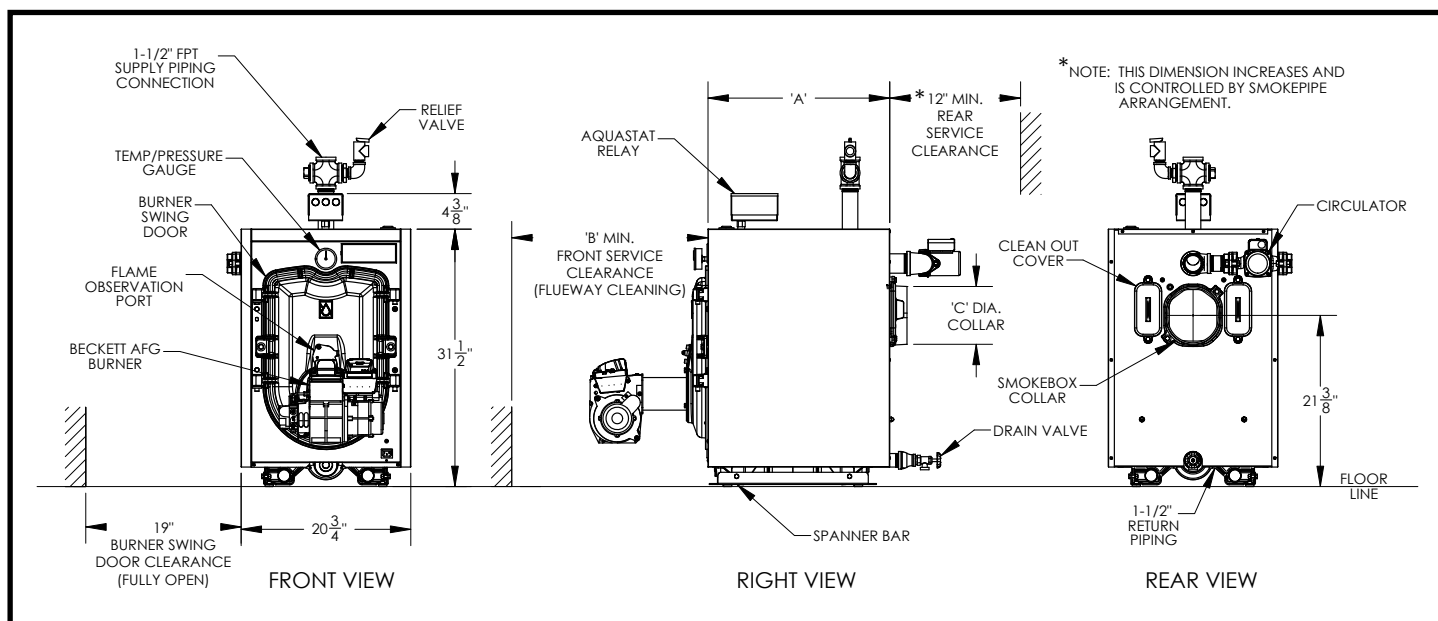
- Cast iron heat exchanger
- Swing door with burner disconnect plug for easy access to all heating surfaces through the front
- Control Options:
 - Honeywell control with simple thermal purge function; OC Panel and cards allows for low water cutoff, outdoor reset, and secondary manual reset high limit.
 - Hydrolevel 3250 provides for low water cutoff and temperature limit; adding Outdoor Sensor Kit allows for outdoor reset control
- Second zone operations available for:
 - Heat
 - Domestic hot water using an indirect water heater like the Mega-Stor II®

See back side for piping configurations.

Quality
Value &
Service

FWZ SERIES - FREEPORT 2

TECHNICAL SPECIFICATIONS



CROWN MODEL NUMBER	BURNER INPUT		HEATING CAPACITY (MBH)	AHRI NET RATING (MBH)	AFUE %	DIMENSIONS (INCHES)			WATER CONTENT (GAL)	HEAT TRANSFER SURFACE AREA (SQ FT)	SHIPPING WEIGHT (LBS)
	GPH	MBH				"A"	"B"	"C"			
FWZ060	0.60	84	73	63	86.0	16-1/4	24	5	7.70	13.29	430
FWZ080	0.80	112	97	84	86.3	16-1/4	24	5	7.70	13.29	430
FWZ081	0.80	112	99	86	87.0	22-1/4	24	6	11.08	20.29	545
FWZ100	1.00	140	123	107	87.0*	22-1/4	24	6	11.08	20.29	545
FWZ130	1.30	182	160	139	87.0*	28-1/4	30	6	14.46	27.29	658
FWZ160	1.60	222	197	171	87.0*	34-1/4	36	7	17.84	34.29	771



*ENERGY STAR® certified product

1. Burner capacity rating, GPH, is based on #2 fuel oil with a Gross Heating Value equal to 140,000 BTU/gal.
2. Net Ratings are based on piping and pick-up allowances of 1.15.
3. Maximum working pressure, water - 50 PSI.

All residential cast iron boiler models include a full one year warranty. A limited, lifetime warranty is provided for the heat exchanger. A 5-year and a 10-year extended warranty covering parts and labor are also available. Visit VelocityBoilerWorks.com or see your warranty for complete details.



The Mega-Stor II® indirect water heater utilizes the energy created by your boiler to produce abundant hot water for your home. Mega-Stor II water heaters come in a variety of sizes from 26 to 119 gallons to meet a variety of residential and commercial needs. A Horizontal model is also available in 40 and 53 gallon sizes, as well as a Solar model in 79 and 119 gallon sizes.

Specifications are subject to change without notice.

ADDITIONAL FEATURES/BENEFITS

- Beckett AFG burner standard; Carlin & Riello burners optional on most sizes
- Burners packaged separately for easier handling
- Sparge tube standard
- Optional 120V low water cut-off kit available
- Optional control console is easily installed in the field, allowing for these additional functions:
 - Outdoor reset
 - Low water cut-off (manual or auto-reset)
 - Secondary manual reset hi limit

