Technical Data

Electric Boiler

Model: FB-175-W

Standard Features and Devices

- Vertical Heat Exchanger
- 99% operating efficiency
- 160 psig Design
- Thick walled construction
- 5 year warranty expandable to 10 years
- Near zero jacket loss
- Incoloy Elements
- Operating and high temperature limit switches
- One (1) low later cut off probe with manual reset
- NEMA 1 enclosure with locking electrical panel
- Single element thermostat control
- Zero NOx Emissions
- Step Sequencer

Control Options

- Control panel disconnect
- Boiler alarm package
- BACnet Integration Gateway
- SCR Control

Listings & Compliance

- ASME Section IV Code, “H” Stamp
- Certified to UL-834 & CAN/CSA-C22.2 No. 165-92 Standard
- CSD-1 & CSA Controls
- Control Panel Wired in a UL 508 Facility

Trim Kit Items (Loose)

- ASME safety relief valve

For any glycol operation, the boiler will be de-rated, please consult factory with any glycol use.

Information provided in this document is based on standard boiler configurations. Alternate or custom configurations may result in deviations. Fulton practices continuous product improvement and reserves the right to change specifications and/or dimensions without notice.

Capacities (at 0-2,000 ft. altitude)

		FB-175-W
Unit Size	HP	17.5
	kW	175
Rated Output	BTU/hr	597,000

Connection Sizes

		FB-175-W
Hot Water Outlet (NPT)	Inches	2
	mm	*50.80*
Hot Water Inlet (NPT)	Inches	2
	mm	*50.80*
Drain Outlet (NPT)	Inches	1 1/4
	mm	*31.75*
Safety Valve Inlet x Outlet Connection 160 psig Design	Inches	3/4 x 1
	mm	*19.05 x 25.40*

Pressure Vessel

		FB-175-W
Operating Water Capacity	Gal	68
Pressure Drop through pressure vessel at 30° ΔT	PSIG	1

Elements

		FB-175W
Number of Elements		(QTY 5) 35kW
Element Watt Density	WSI	61

Electrical Requirements*

		FB-175W
240V, 60, 3 ø	Full Load Amps (FLA)	425
480V, 60, 3 ø		212
575V, 60, 3 ø		177

*** FLA is subject to change based on options, consult factory for job specific FLA.**

Electric Boiler Steps via Step Sequencer

Steps via Step Sequencer	FB-175-W
240V, 60, 3 ø	10
480V, 60, 3 ø	5
575V, 60, 3 ø	5

No information provided in the document constitutes a guarantee, consult factory for any guarantees