



SPARQ

ELECTRIC BOILER

Electric Hot Water Boiler

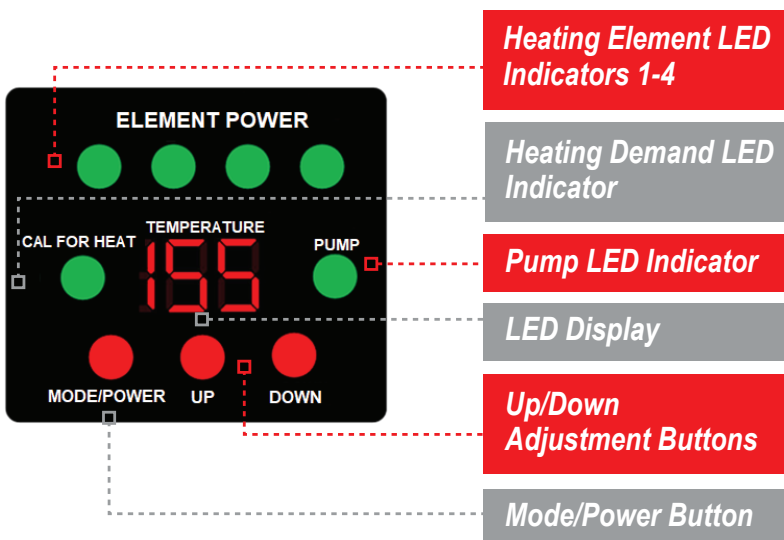
Available in 3 OutPuts

- 16 KW (54.6 MBH)
- 20 KW (68.2 MBH)
- 24 KW (82 MBH)



KEY PRODUCT FEATURES

- 4:1 Turndown, boiler only powers the necessary number of elements based on system demand
- User Friendly LED Display 3 Button Interface with Load Management to take advantage of off-peak utility rates
- UL 834 Listed
- Flow Switch Standard
- Service Friendly Design
 - No-Drain Heat Exchanger
 - Easy interior access

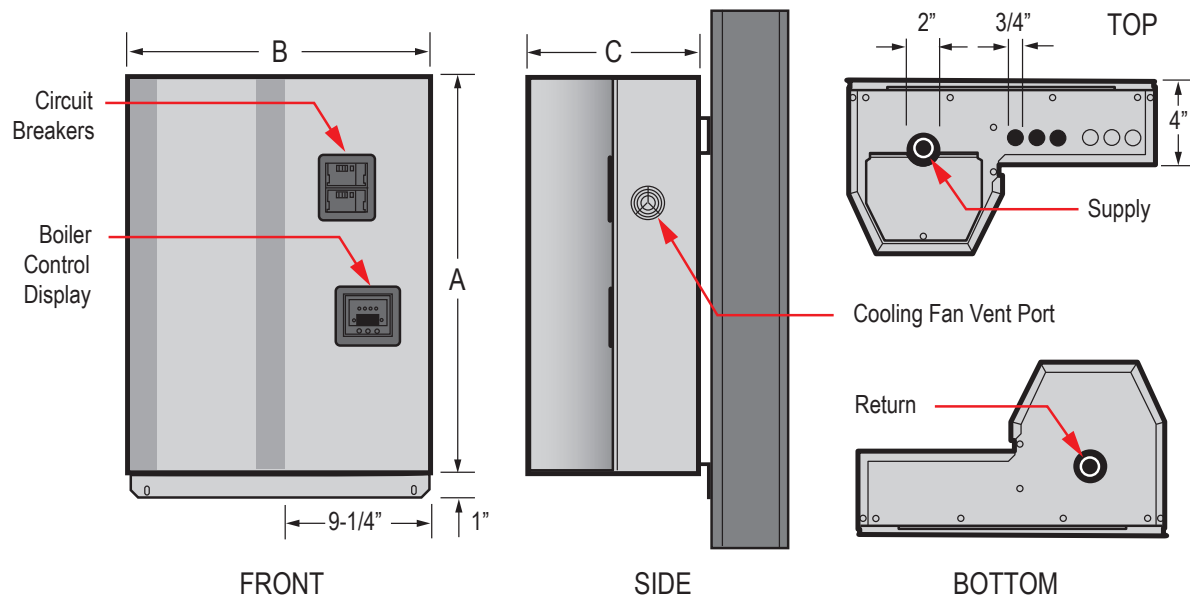


ADDITIONAL INTERFACE AND CONTROL FEATURES

- Brown out monitoring and protection
- Anti-Short cycle timer
- Audible alarm and fault codes
- Operating Limit with secondary manual reset high limit
- Three wire Thermostat connection

TECHNICAL SPECIFICATIONS

Special circuit/outlet for 240V single phase service required for boiler power



Model Number	Boiler Size (kW)	Voltage (AC)	Output Power (Watts)	Output Power BTU/hr.	Amps	Element Size (Watts)	Total Amps	MCA ¹	MOP ²
SWA16	16	240	16,000	54,600	66.7	4,000	72.7	90.8	100
SWA20	20	240	20,000	68,200	83.3	5,000	89.3	111.7	125
SWA24	24	240	24,000	82,000	100.0	6,000	106.0	132.5	150

Model Number	Height (in.)	Width (in.)	Depth (in.)	Water Inlet (in.)	Water Outlet (in.)	Water Volume (gal.)	Approx. Shipping Weight (lb.)
SWA16	24	19	10	3/4	3/4	2.20	54
SWA20	24	19	10	3/4	3/4	2.20	54
SWA24	24	19	10	3/4	3/4	2.20	54

1. Minimum Circuit Ampacity (MCA) is a calculated value that specifies the minimum primary power wire size to determine the minimum wire size required for a field wired product.
2. Maximum Over-Current Protection (MOP) is a calculated value that determines the maximum size of the over-current protection device (fuse or beaker).
3. Refer to manual, the latest version of the National Electric Code (NEC) and local codes for wire requirements.

