



**SHADOW™**

**High Efficiency,  
Gas Fired, Stainless Steel,  
Condensing,  
Hot Water Boiler**

**Fast installation  
combined with  
out-of-the-box  
performance!**



- Up to 95% AFUE
- Stainless Steel water tube heat exchanger
- Five sizes — 80, 100, 120, 150 & 180 MBH input
- Compact wall mount configuration
- Modulating burner with 5:1 turn down ratio
- Factory pre-set Honeywell Sola Control and LCD display
- Universal vent connection
- 5 year parts warranty
- Natural or LP gas (Field convertible)
- High altitude models available for use above 4500ft.

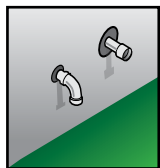
**Quality  
Value &  
Service**



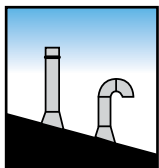
## TECHNICAL SPECIFICATIONS

### Typical Venting Configurations (Horizontal and Vertical)

Illustrations are for representation only. For complete venting information, please see installation manual.



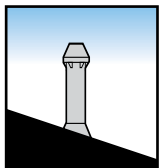
Horizontal 2-pipe



Vertical 2-pipe



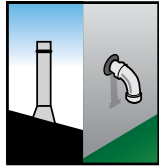
Horizontal 2-pipe low profile



Vertical 2-pipe concentric

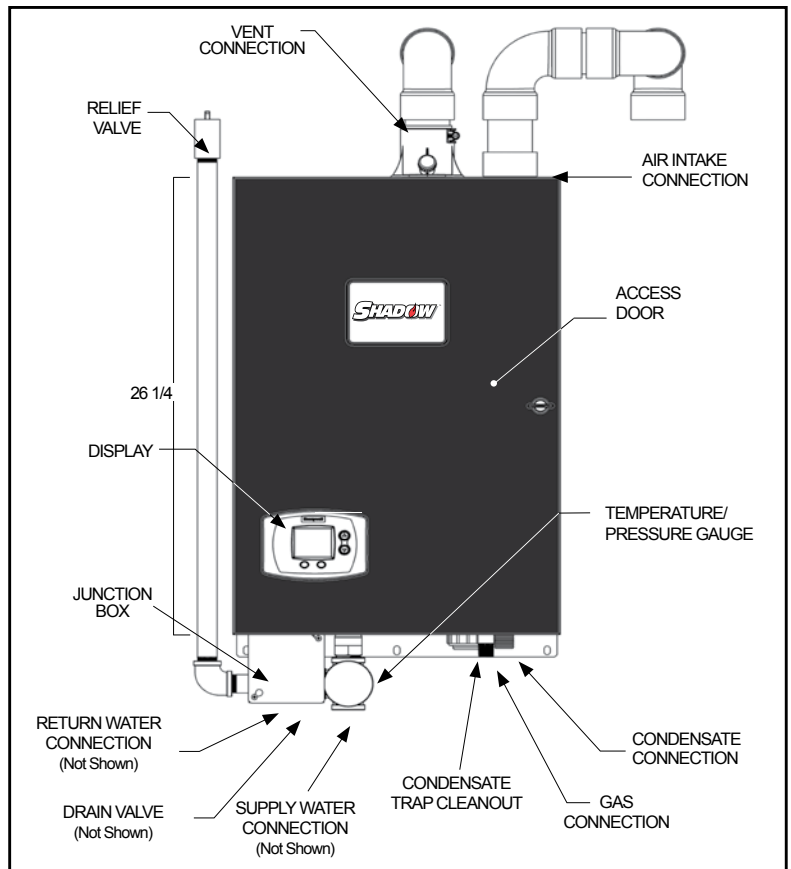
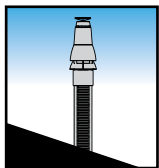


Horizontal 2-pipe concentric



Hybrid

Vertical exhaust/sealed B-vent for combustion air.



This drawing is for reference only. See Installation Manual for exact piping locations.

MODEL	AFUE%	Input (MBH) min-max	DOE Heating Capacity (MBH)	NET AHRI (MBH)	MAWP (PSI)	Vent Size (in.)	Width (Inches)	Depth (Inches)	Approx Shipping Weight (lbs.)
SHADW080	94.0*	16-80	74	64	50	2	17-7/16	14	146
SHADW100	93.3*	20-100	92	80	50	2	17-7/16	14	148
SHADW120	94.0*	24-120	112	97	50	3	17-7/16	14	154
SHADW150	95.0*	30-150	142	123	50	3	19-15/16	18-3/4	187
SHADW180	94.0*	36-180	170	148	50	3	19-15/16	18-3/4	187

#### \*ENERGY STAR® certified product

- The Net AHRI Water Ratings are based on a piping and pickup allowance of 1.15.
- The manufacturer should be consulted before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.
- Refer to manual for system vent length derates.

4. High altitude versions of all models available for installations over 4500ft. De-rate required on all models installed above 2,000 ft., consult factory for details. For Canadian installations over 4,500 ft., consult authority having jurisdiction for guidance. SHADW080 may not be installed using LP gas above 2,000 ft. SHADW180 may not be installed using LP gas above 7,800 ft.

### ADDITIONAL FEATURES AND EQUIPMENT

- Easy Access Control Panel
- Pre-installed hanging bracket and wall mount kit
- Sola Control System
  - LCD Display
  - Three circulator outputs
  - Outdoor reset including outside sensor
  - DHW priority

### OPTIONAL EQUIPMENT

- CPVC/PVC vent kit
- Service parts repair kit

