



PHANTOM II®

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



**NEW
HEAT ONLY
MODELS NOW
AVAILABLE**



Introducing

**Phantom
Adaptive
Technology**

**Adaptive Combustion
Technology Features**

- Field Convertible to LP – No conversion kit required
- Simple start up
- Rate based temperature reset – no outdoor sensor required

STANDARD FEATURES INCLUDE

- 95% AFUE with 10:1 Turndown
- Three Sizes - 120,150,180 MBH Input
- 2" venting standard
- 5-year parts warranty
- Serviceability



- Easy access to key components
- Fully removable front & side panels
- Drop down control center

**Quality
Value &
Service**

PHANTOM II

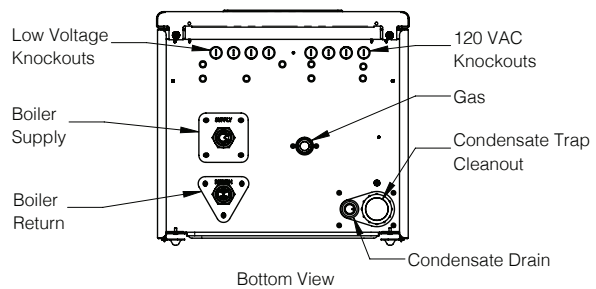
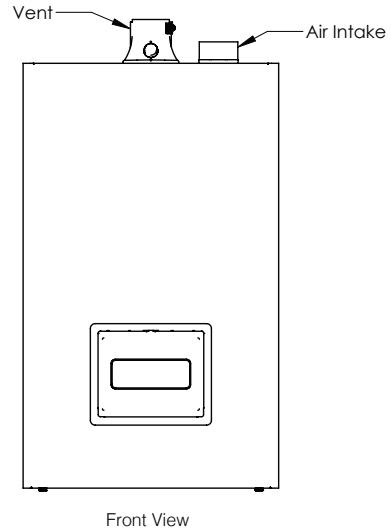
TECHNICAL SPECIFICATIONS

STANDARD EQUIPMENT

- Stainless steel heat exchanger
- Boiler Circulator (Shipped loose)
- Adaptive Combustion System
 - Burner-Blower-Gas Valve & Venturi assembly
 - Large key control pad with local user display
 - Built-in self-diagnostics
 - Rate based outdoor reset (no sensor required)
- Pre-installed hanging bracket and wall mount kit.
- Vent connection for CPVC/PVC, polypropylene vent

OPTIONAL EQUIPMENT

- CPVC/PVC vent kit
 - 2" Vent Kit (P/N 107039-01)
 - 3" Vent Kit (P/N 107039-02)
- Floor Stand Kit (P/N 111576-01)



Space Heating Ratings			AHRI CERTIFIED [®] www.ahridirectory.org			Dimensions and Connections					Shipping Weight (lbs)
Model	Input ¹ (MBH)		DOE Heating Capacity (MBH)	AHRI Net Rating (MBH)	ENERGY STAR AFUE %	Depth (in)	Width (in)	Height (in)	Space Heating Water sweat, (in)	Gas NPT	
	Min	Max									
PHTM2120H	13.6	120	112	97	95.0	16.3	17.8	29.8	1	1/2	112
PHTM2150H	20	150	141	123	95.0	20.4	17.8	29.8	1	1/2	132
PHTM2180H	20	180	169	147	95.0	20.4	17.8	29.8	1	1/2	132

¹ Input for elevations up to 2,000 ft. with min vent length. See Table 3-3 in installation manual for vent diameter connection sizes and derate at max vent length. Above models are not for installation above 2,000 ft.

² Net AHRI Water Ratings shown 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 operation, extensive piping systems, etc.

