



- Up to 97% Thermal Efficiency
- Two sizes - 399 & 500 MBH input
- Full modulation with 5:1 turndown and adaptable firing rate output
- Low waterside pressure drop stainless steel water tube heat exchanger
- Low-NOx meets South Coast Rule 1146.2 requirements
- Multiple vent options

PHANTOM-X™

"C" Series

**STAINLESS STEEL,
CONDENSING, GAS-FIRED
HOT WATER BOILER**

SMART BOILER FEATURES

Domestic hot water priority.

Outdoor reset plus warm weather shutdown and off-season pump exercising.

Multiple boiler lead/lag - up to 8 boilers.

LCD touchscreen user interface with intuitive text-based menus and diagnostic troubleshooting.

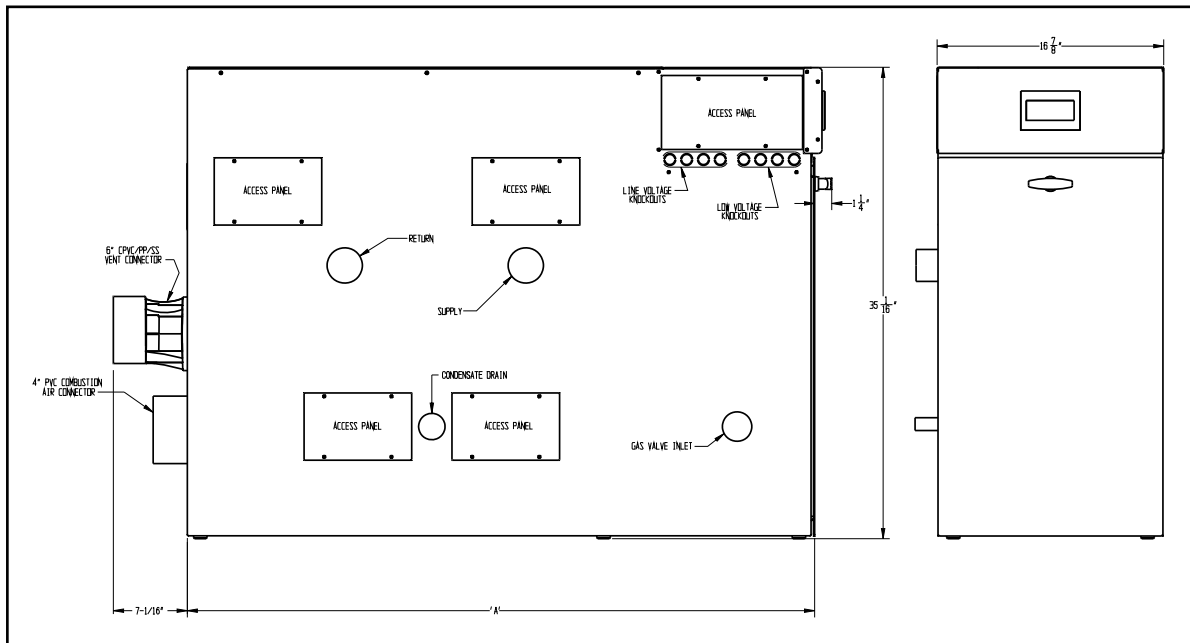
Compatible with optional Sage Zone Control Circulator or Zone Panel, which help prevent excessive boiler cycling by matching the boiler firing rate to actual zone load, saving money and energy.



**Quality
Value &
Service**

PHANTOM-X™ "C" Series

TECHNICAL SPECIFICATIONS



PHANTOM-X: "C" Model Technical Information

Phantom-X Commercial Ratings & Specifications (sea level to 2000 feet)											
SPACE HEATING RATINGS						AHRI CERTIFIED FOR RESIDENTIAL USE	DIM. A (IN.)	WATER CONTENT (GAL.)	GAS CONNECTION	SUPPLY & RETURN CONNECTION	APPROX. SHIPPING WEIGHT (LBS.)
MODEL	MAX. INPUT (MBH)	MIN. INPUT (MBH)	GROSS OUTPUT (MBH)	NET AHRI WATER RATING (MBH)	THERMAL EFFICIENCY						
PHNTM399C	399	80	375	326	94.1%	31-3/16	3.4	3/4" NPT	1-1/2" NPT	316	
PHNTM500C	500	100	485	422	97.0%	46-1/2	4.3	3/4" NPT	2" NPT	368	

NOTES:

- For elevations above 2,000 ft., reduce ratings 4% per 1,000 ft. above sea level. PHNTM500C may not be installed using LP gas above 6,000 ft. For Canadian installations over 4,500ft., consult authority having jurisdiction for guidance.
- 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.
- The Phantom-X has Special Venting and Clearance Requirements. Consult the Installation Manual or the Factory.

Both models include a one-year parts warranty and a nine-year limited heat exchanger warranty. 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 30 to 119 gallons to meet a multitude of residential and commercial needs.

ADDITIONAL FEATURES/BENEFITS

- Boiler, system and domestic hot water pump outputs
- Slide-out control panel drawer
- Field convertible to LP gas
- 4-20mA and modbus inputs



Specifications are subject to change without notice.

VelocityBoilerWorks.com | Philadelphia PA

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