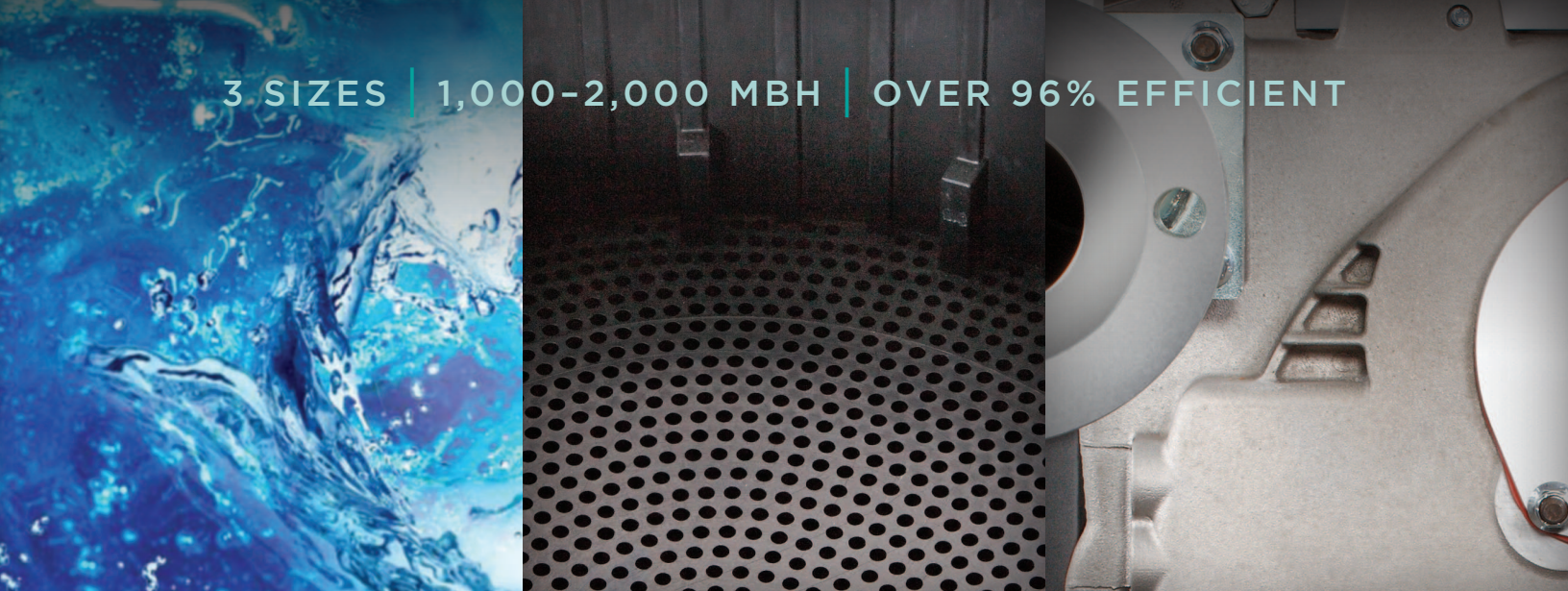


3 SIZES | 1,000-2,000 MBH | OVER 96% EFFICIENT



Installs fast. Built to last.

SlimFit™

HIGH-EFFICIENCY CONDENSING BOILER



weil-mclain.com

EASY TO INSTALL

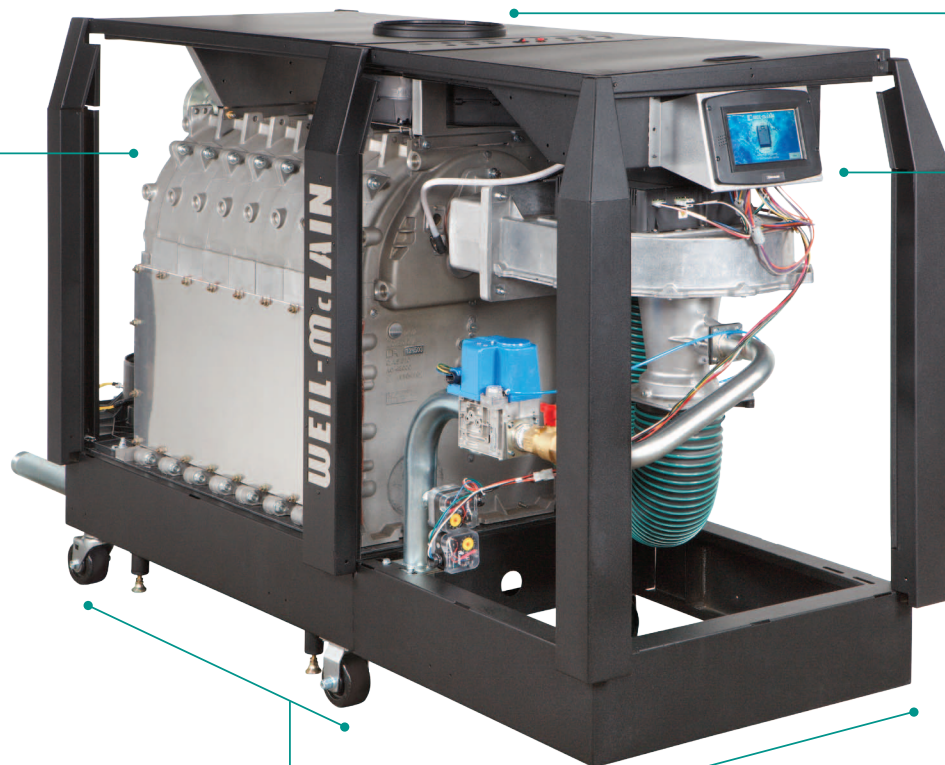
The SlimFit™ high-efficiency condensing boiler is designed for fast, easy installation in new and existing commercial and institutional settings, including religious, educational and government buildings. The unit assembles easily on-site — lowering installation costs and ensuring timely project completion.

Multiple Direct Exhaust and Vent Options

With lengths available up to 150 feet, the SlimFit provides an overall increased maximum vent length, allowing for more venting configurations.

Pre-configured Controls

The advanced control system easily integrates with existing systems and displays information on a color touch screen LCD.



Durable Aluminum Heat Exchanger

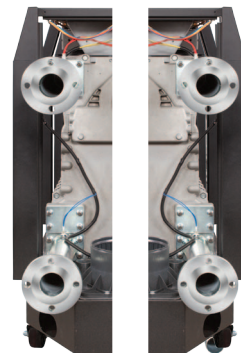
Robust aluminum construction allows for high performance with lightweight and easy maneuverability.

Easy Positioning

Caster wheels make positioning easy and lock to keep the unit in place. They can also be removed to secure the mounting points for seismic applications. The legs can be individually adjusted to level the SlimFit on any surface.

Small Footprint

The unit fits through typical doorways and can be quickly disassembled for installation in extremely tight access areas. Flexible configuration allows for side-by-side installation, further minimizing the overall project footprint.



LEFT SETUP RIGHT SETUP

Versatile Orientation

The SlimFit makes it easy to connect multiple units together in any space. Right-hand and left-hand orientations allow for side-by-side installations, making all clean-out plates and piping easily accessible. The control display can be mounted in three separate locations to accommodate any installation.



EASY TO OWN

The SlimFit boiler also delivers long-lasting benefits. Facility owners and managers depend on our dedicated customer service, reliable product performance and exceptional operating efficiency for decades of value.

DEDICATED CUSTOMER SERVICE

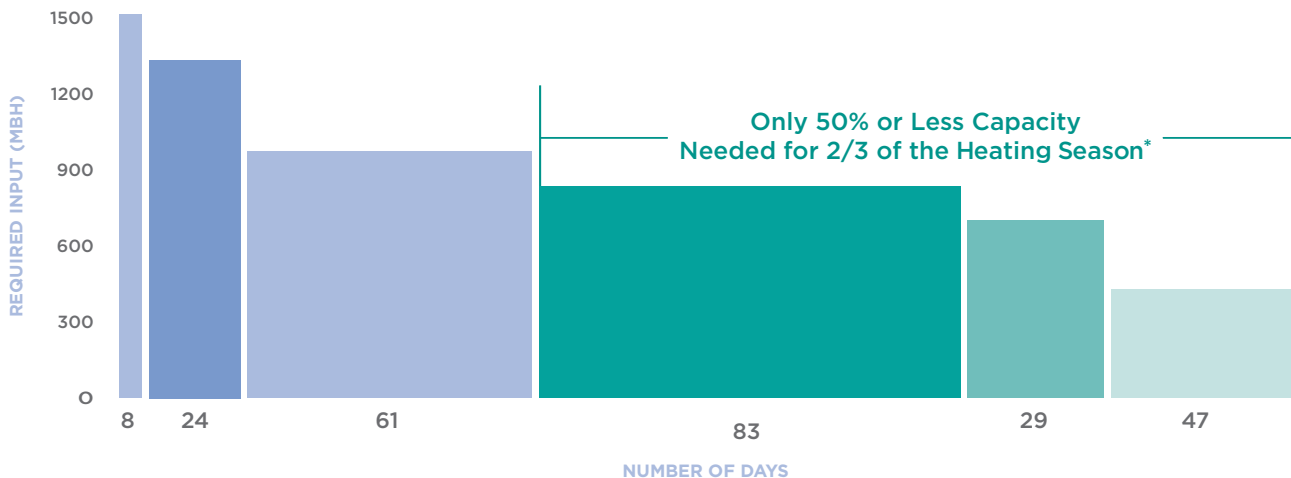
Local, trained heating professionals are available for help with installation and maintenance. Our technical service department is also available for questions and assistance with troubleshooting.

RELIABLE PRODUCT PERFORMANCE

Each factory configured and tested unit arrives ready for a lifetime of smooth operation.

- Exclusive, durable, composite base material prevents corrosion over time
- Industry-leading warranty covers heat exchanger (10 years) and parts (2 years)

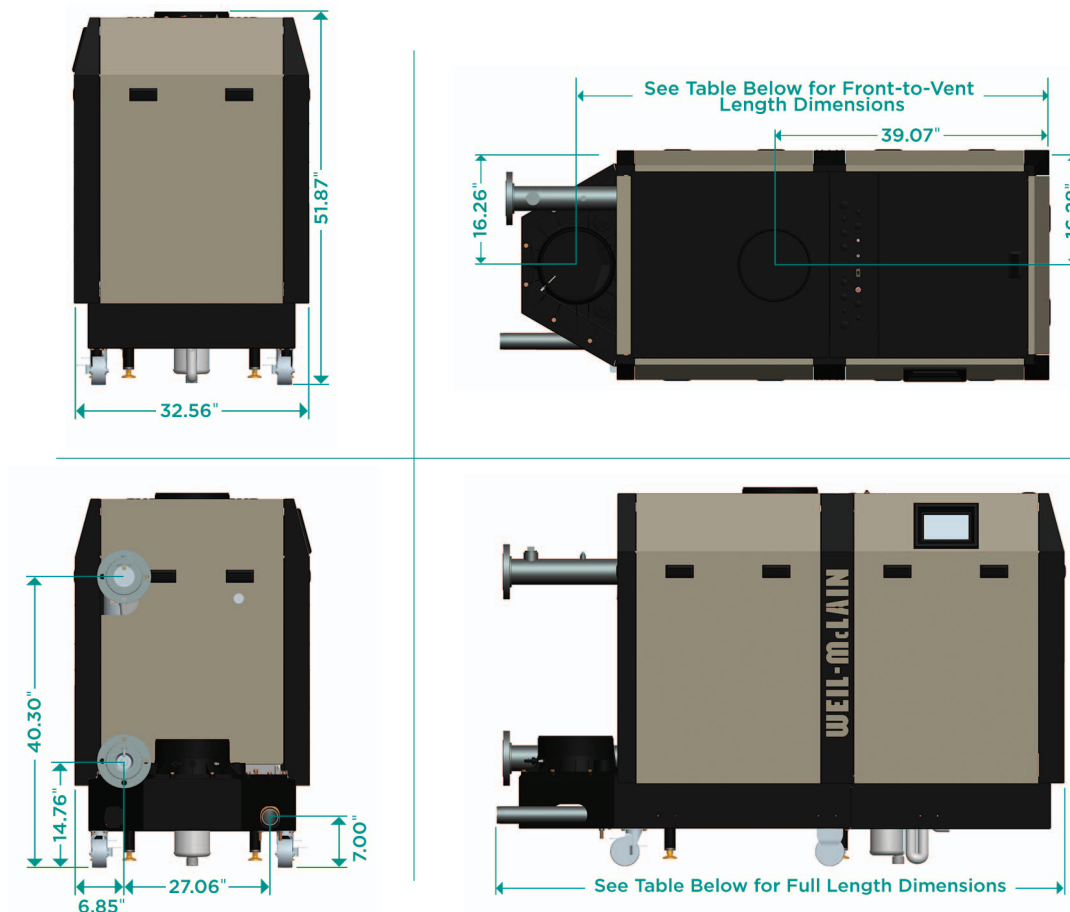
EXCEPTIONAL OPERATING EFFICIENCY



The SlimFit boiler runs at optimal efficiency — lowering operating costs, contributing to LEED points and meeting future requirements for green building operation. With 96.1% combustion efficiency and 95.8% thermal efficiency, the SlimFit satisfies the same needs that could be provided by a larger system — but without the inefficiency. Its advanced modulating controls allow the SlimFit to effectively meet annual demand through its lead/lag functionality and lead boiler rotation.

* Based upon 252 heating degree days at 0° design temperature

SPECIFICATIONS



MODEL	INPUT MAXIMUM (MBH)	INPUT MINIMUM (MBH)	GROSS OUTPUT (MBH)	NET AHRI (MBH)	COMBUSTION EFFICIENCY	THERMAL EFFICIENCY	VENT MATERIAL	VENT / AIR SIZE	VENT / AIR MAX LENGTH	MINIMUM GAS PRESSURE (WC)	SUPPLY / RETURN CONNECTIONS	GAS CONNECTION SIZE	SHIPPING WEIGHT (LBS)	FULL LENGTH	FRONT-TO-VENT LENGTH
SF1000	1,000	167	958	833	96.1%	95.8%	PP, AL29-4C	6" or 8"	100' or 150'	3"	3" ASME Class 150	2" NPT Male	1,130	77.93"	67.09"
SF1500	1,500	250	1,437	1,250	95.9%	95.8%	PP, AL29-4C	8"	100'	3"	3" ASME Class 150	2" NPT Male	1,310	77.93"	67.09"
SF2000	2,000	333	1,906	1,657	95.8%	95.3%	PP, AL29-4C	8"	100'	3"	3" ASME Class 150	2" NPT Male	1,510	90.10"	79.32"

In the interest of continual improvements in product and performance, Weil-McLain reserves the right to change specification without notice. For reference use only. See product manual for detailed information.



ADVANCED CONTROL SYSTEM FEATURES

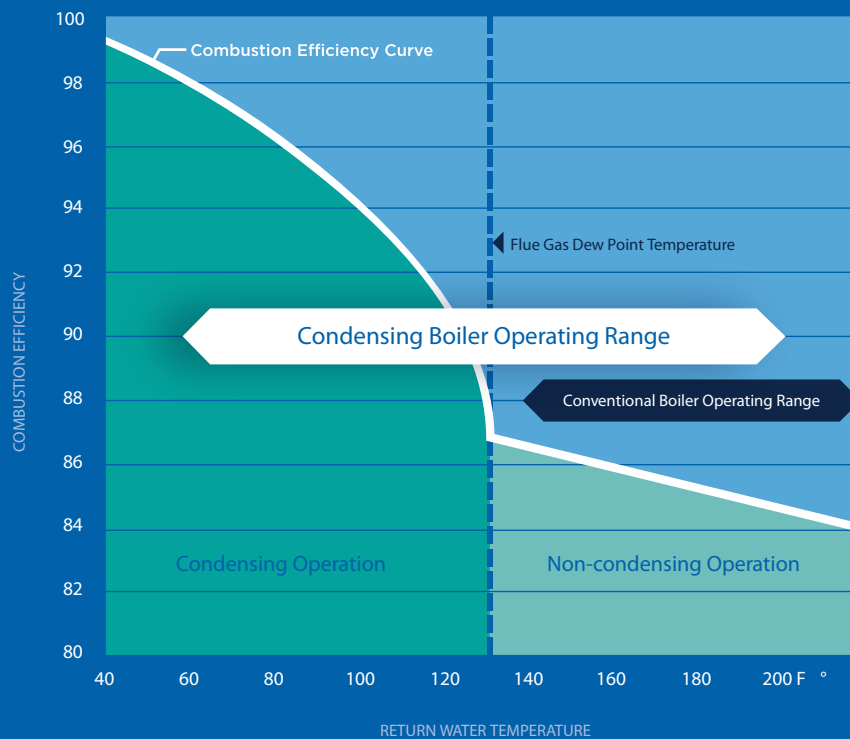
- 7" color touch screen LCD
- Multiple boiler functionality with lead / lag capability and lead boiler rotation
- Ability to control any combination of three circulators
- Outdoor reset
- Time of day / night setback
- Warm weather shutdown
- Freeze protection

SlimFit™

The Right Fit for Retrofits

The SlimFit is the fastest, easiest solution for limited-space retrofits.

- Features an exceptionally small footprint
- Maneuvers easily into existing spaces
- Fully factory assembled and tested for quick, on-site installation.
- Fully integrates with older, non-condensing boilers
- Increases efficiency by creating a hybrid system



The SlimFit operates at optimal efficiency during low-load periods, and non-condensing boilers operate at optimal efficiency during high-load periods. When used together in a hybrid boiler system, the two types of boilers maximize overall energy savings.

The Weil-McLain Story

Since opening our doors in 1881, Weil-McLain has grown to become a leading innovator in the hydronic industry. We're the largest U.S. manufacturer of cast iron boilers and one of the foremost developers of technologically advanced solutions, such as the SlimFit™ high-efficiency condensing boiler. Contractors, engineers, facility managers and building owners across North America continually look to us for today's highest-quality heating equipment for commercial, residential and institutional buildings.

Contact your local Weil-McLain sales office for more information.

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Burr Ridge, IL 60527
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TRI-STATE

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Tarrytown, NY 10591
T: 201-797-8550

MIDEAST

Penn Center West #2
Suite 308
Pittsburgh, PA 15276
T: 412-788-9345



SUBMITTAL SHEET

JOB NAME _____

LOCATION _____

ARCH. / ENGR. _____

WHOLESALE _____

MECH. CONTRACTOR _____

MODEL NO. _____ GAS TYPE _____

BTU/HR INPUT _____ BTU/HR OUTPUT _____

NOTES _____

Standard Equipment

Standard Features:

- Up to 96.1% Combustion Efficiency
- Low NOx < 20 ppm
- Modulating Burner with 6:1 Turndown Ratio
- Sectional Aluminum Block
- Sealed Combustion
- 30 PSI ASME Relief Valve Standard
- Stainless Steel Burner with Woven Steel Fiber Mesh
- Direct Spark Ignition
- Variable Speed Blower Assembly
- Venturi Mixing System
- Negative Pressure Regulated Gas Valve
- 50 VA Transformer
- Temperature & Pressure Gauge
- Outlet Water Temp. Sensor
- Inlet Water Temp. Sensor
- Flue Gas Temp. Sensor
- Outdoor Temp. Sensor
- System Water Temp. Sensor
- 10 YR Heat Exchanger Warranty
- 2 YR Parts Warranty
- Extended Warranties Available

CSD-1 Compliant:

- Manual Reset LWCO
- Manual Reset High & Low Gas Pressure Switches
- Manual Reset High Limit
- UL 353 Certified Control

Complete Jacket Assembly with:

- Fully Removable Jacket
- On/Off Power Switch
- Manual Reset Push Button
- Condensate Tray with Drain Tee Assembly

Optional Equipment/Venting Options:

- Pressure Relief Valve 50 PSI
- Pressure Relief Valve 80 PSI
- Pressure Relief Valve 100 PSI
- Condensate Neutralizer Kit
- UPC BACnet Converter Kit
- Outdoor Reset Kit
- Direct Exhaust – Sidewall
- Direct Exhaust – Vertical
- Direct Vent – Sidewall
- Direct Vent - Vertical

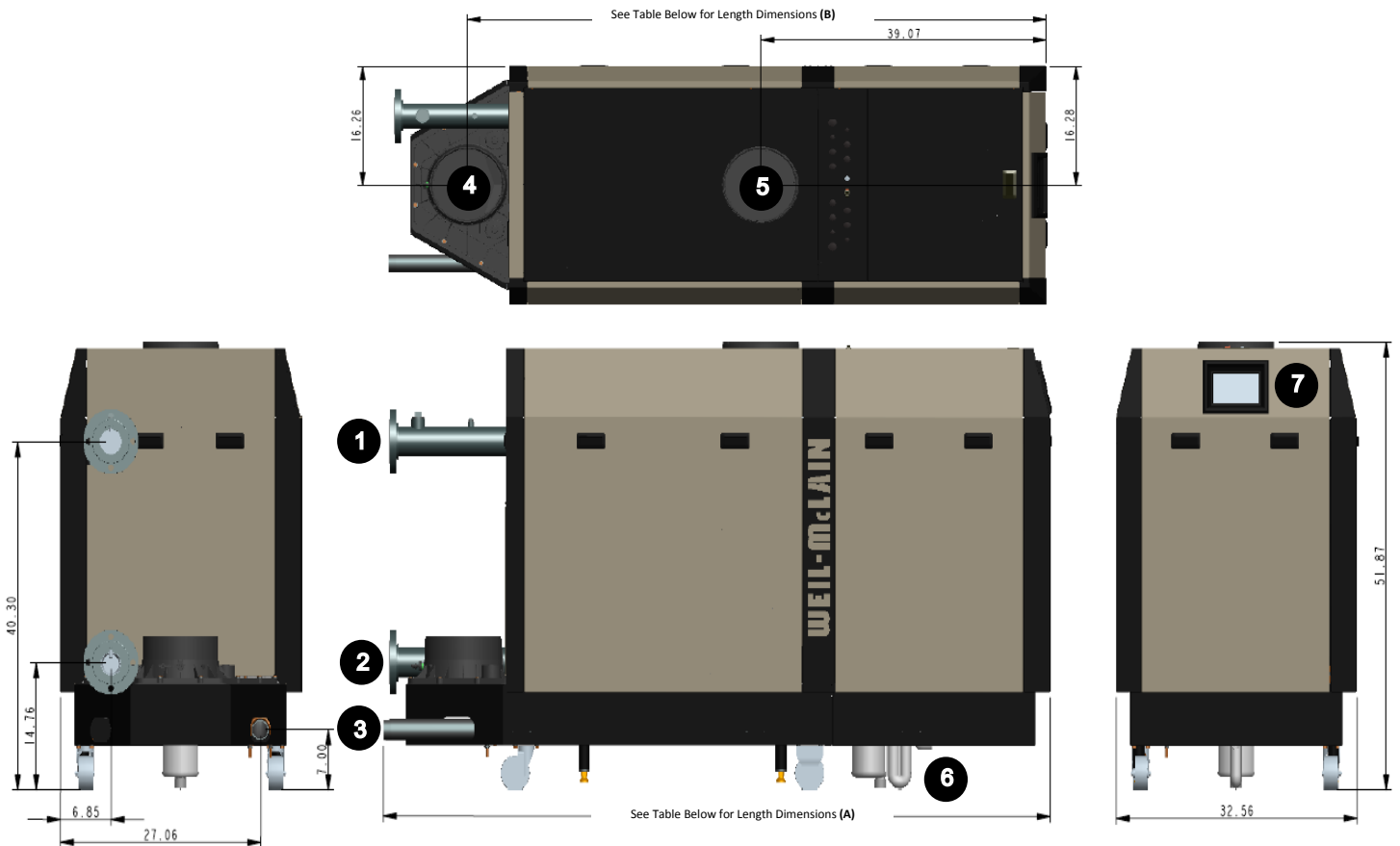
Control Module:

- 7" Color Touch Screen LCD
- Labeled Terminal Blocks for Field Terminations
- Ignition Control
- High Limit & Modulating Temp. Control
- Ability to Control any Combination of Three Circulators
- Alarm Control Functionality
- Preset Operating Parameters Include Typical Heating Systems
- Two Adjustable Boiler Priorities
- Multiple Boiler Functionality with Lead/Lag Capability
- Lead Boiler Rotation
- Low Water Protection
- Manual Reset
- Outdoor Reset
- Warm Weather Shutdown
- Freeze Protection

Specifications

1. Supply Connection
2. Return Connection
3. Gas Connection
4. Vent Connection
5. Air Connection
6. Condensate Trap
7. Control Display

Note: See Table Below for Vent Connections and Piping Sizes.



Model	AHRI Ratings						Data				Dimensions					
	Input Maximum (MBH)	Input Minimum (MBH)	Gross Output (MBH)	Net AHRI (MBH)	Combustion Efficiency (%)	Thermal Efficiency (%)	Vent Material	Vent/Air Size	Max Vent/Air Length	Minimum Gas Pressure (W.C.)	Supply / Return Connections	Gas Connection Size	Shipping Weight (lbs)	(A) Full Length (In)	(B) Front to Vent Length (In)	Boiler Water Content (Gallons)
SF1000	1000	167	958	833	96.1	95.8	PVC, CPVC, PP, AL29-4C	6" or 8"	100' or 150'	3"	3" ASME Class 150	2" NPT Male	1,130	77.93	67.09	13
SF1500	1500	250	1,437	1,250	95.9	95.8	PVC, CPVC, PP, AL29-4C	8"	100'	3"	3" ASME Class 150	2" NPT Male	1,310	77.93	67.09	19
SF2000	2000	333	1,906	1,657	95.8	95.3	PVC, CPVC, PP, AL29-4C	8"	100'	3"	3" ASME Class 150	2" NPT Male	1,510	90.10	79.32	25

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