

High-Efficiency Heating Solutions

Easy to Install. Easy to Own.



Peace of Mind Built to Last

Reliable, long service life solutions

As one of the oldest boiler manufacturers in North America, Weil-McLain heat exchanger designs carry a long legacy of reliability and durability.

SlimFit

SVF

 | STAINLESS
VERTICAL
FIRETUBE

SlimFit aluminum cast, horizontal section boilers

- Cast-iron longevity with high-efficiency performance
- Aluminum as a higher thermal conductivity medium is used in 40% of global boiler applications
- Adopted by automotive and manufacturing industries for its durable and long-life performance
- Composite condensate tray



SVF stainless steel, vertical firetube boilers

- Industry-leading thermal efficiencies
- Highest quality 316L stainless steel tube/tubesheet with 304 stainless steel shell
- Cooled cover plate to recapture and redirect radiant heat
- Wide-mouth tube, high water-volume design
- Easy access, serviceable stainless steel condensate tray



SlimFit or SVF?



SlimFit 550-2000 MBH models offer the perfect solution for older heating systems in need of an upgrade with a low, horizontal profile. The cast heat exchanger sectional design appeals to cast iron boiler loyalists that need condensing high-efficiency performance and large forgiving waterways to accommodate older boiler plant water systems.

SVF 1500-3000 MBH models offer the latest in design innovation and performance. The SVF product family provides industry leading performance in stainless steel vertical firetube heat exchanger designs. Designed to meet the most demanding of bid specifications.



Weil-McLain Evergreen Pro, SlimFit and SVF product families all feature the user-friendly Unity™ controller which provides install and programming consistency to contractors.

Easily integrated into building automation systems with BACnet and Lonworks compatibility, lead/lag boiler rotation and up to 8-boiler cascade capability, thousands of boilers currently providing reliable heating solutions have the Unity control at the helm.

The Right Fit for Retrofit

SlimFit boilers carry forward the time-proven, Weil-McLain horizontal cast section design, which builds like a cast iron boiler but delivers condensing high-efficiency boiler performance.

- No weld point heat exchanger design
- Larger, open waterways accommodate older boiler plant water systems better than conventional water tube and firetube designs
- Horizontal orientation for low-overhead applications
- Capable of package disassembly in the field for tight boiler room access

SVF boilers are designed to fit where others will not through smart engineering solutions.

- Hinged cover plate design with hatch allows easy access in tight work spaces
- Requires only 18 inches of overhead clearance for installation and heat exchanger maintenance
- Zero clearance allows side-by-side installation

Ease of Installation & Service

From the time the boiler is unpackaged, SlimFit and SVF boilers have been developed with the installer in mind.

SlimFit & SVF boilers

- Standard feature shipping crate ramp and integrated roller casters allow for boiler positioning without the need for rigging equipment
- Unity control setup wizard quickly guides boiler commissioning

SlimFit models

- Field-adjustable front or side mount controller
- Boiler base disassembly capable for tight boiler room access application

SVF models

- Integrated burner in cover-plate minimizes overhead clearance requirement
- Hinged cover-plate designs enable quick heat exchanger inspection and wash down with a burner inspection hatch



Boiler Room/System Integration

SlimFit boilers fit into low overhead boiler applications where vertical firetube boiler designs cannot.

Left and right boiler install configurations coupled with a front or side control mount option and disassemble base capability make SlimFit boilers a simple boiler room layout for the architectural engineer and a contractor's dream to install.



All Weil-McLain commercial boilers are designed with a "door-fit" design to allow passage through existing boiler room entrances.

Integrated roller casters allow for easy maneuverability during installation with standard feature leveling legs that mitigate the need for a concrete service pad. The SVF zero clearance design allows for side-by-side installation.

Easily integrated into building automation systems with BACnet and Lonworks compatibility, lead/lag rotation and up to 8-boiler cascade compatibility, the *Unity*™ controller provides quick, visual boiler operating status by way of a color LCD interface.



The Best of Both Worlds

Why waste energy?

In most regions, commercial heating systems require full boiler system capacity less than 3% of the year.

Consider a hybrid boiler system

Combining a durable, non-condensing cast iron boiler with a high-efficiency condensing boiler solution makes perfect sense for:

- A building with a standard efficiency boiler system looking to improve efficiency by adding a high-efficiency condensing boiler component
- A building with two standard efficiency boilers where one is failing and can be replaced with a high-efficiency boiler, creating a hybrid solution
- A total replacement or new build system is less expensive to finance and often achieves up to 80% of the energy savings of a total condensing high-efficiency boiler system

Commercial High-Efficiency Boiler Portfolio

The Weil-McLain brand has a strong legacy of reliable, efficient and long-lasting heating solutions; designed with the contractor and service provider in mind with smart ease of installation and service features. Our commitment to our customers remains heating comfort, efficiency and peace of mind. Our commercial high-efficiency portfolio continues this tradition with the following lineup.



Weil-McLain Hybrid Solutions

2009



SlimFit 550-750 MBH

2009



SlimFit 1000-2000 MBH

2013



Evergreen Commercial 220-399 MBH

2015



SVF 1500-3000 MBH

2019

Light Commercial		✓		✓	
Mid-Size / Large Commercial	✓		✓		✓
Cast Iron Retrofit	✓		✓		✓
New Bid Construction	✓	✓	✓	✓	✓
Industry Leading Efficiency Construction	✓			✓	✓
Ease of Installation Design Features	✓	✓	✓	✓	✓
Ease of Service Design Features	✓	✓	✓	✓	✓

