

# Saint Roch

## Cast Iron Boilers

# THE NEW GENERATION OF WARMTH!



### **S10**

Cast Iron 3-Pass,  
Low Mass Boiler



### **UNIVERSAL**

Cast Iron 3-Pass,  
Tankless Coil Boiler



### **OPTIMAJOR**

Cast Iron 3-Pass,  
Light Commercial Boiler

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# S10

## Cast-Iron Boiler System

## CAST IRON 3-PASS, LOW MASS BOILER



The SAINT ROCH S10 Boiler Series is a high-efficiency, future-ready residential heating system. Its diamond shaped combustion chamber, three-pass heat exchanger, and low water content deliver rapid heat and hot water. Ideal for panel radiators, radiant floors, baseboards, and hydro-air systems, it offers up to 40% fuel savings over standard boilers. The S10 meets ASME and UL standards, is Energy Star rated, offering an cost-effective heating solution.

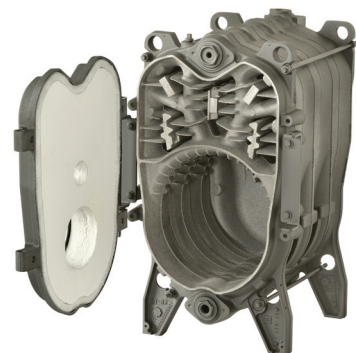
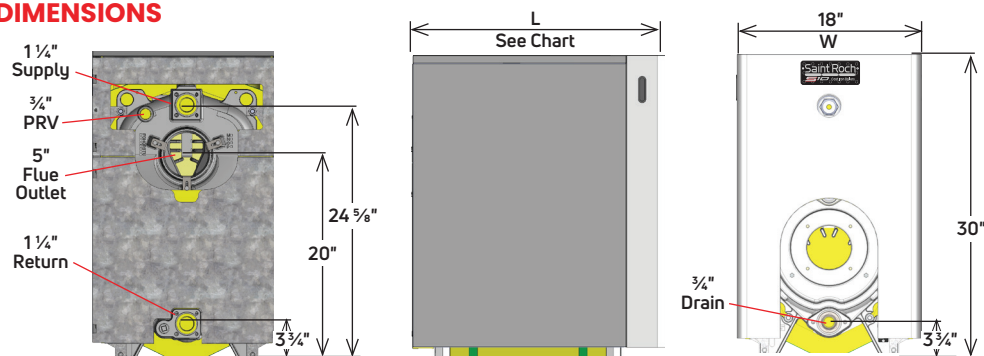
### STANDARD FEATURES

- ▶ FULL swing door
- ▶ Dual firing rate options
- ▶ 3-Pass cast iron boiler
- ▶ Low mass boiler
- ▶ Oil, Biofuel, and Gas compatible
- ▶ Shipped knocked down
- ▶ Chimney and direct vent
- ▶ 5" flue collar
- ▶ Limited lifetime, non-pro rated warranty
- ▶ 1 1/4" supply and return tapings

### INPUT RATES

From 73,000 to 241,000 MBH

### DIMENSIONS



### TECHNICAL INFORMATION

Product Code	# of Sections	Length (inch)	Water Content (gal)	Weight (lbs)	Energy Star Compliant Rating or High Output Rating	Heating Capacity (BTU/HR)	Net Input (BTU/HR)	Output (BTU/HR)	Efficiency Gas (%)	Efficiency Oil (%)
S10/3	3	16.25	3.5	240	Energy Star Compliant Rating	63	73	54	85*	87+*
					High Output Rating	73	85	62	N/A	86+**
S10/4	4	20.25	4.7	297	Energy Star Compliant Rating	95	109	81	85*	87+*
					High Output Rating	105	122	89	N/A	86+**
S10/5	5	24.25	5.7	354	Energy Star Compliant Rating	133	153	113	85*	87+*
					High Output Rating	146	169	124	N/A	86+**
S10/6	6	28.25	6.7	409	Energy Star Compliant Rating	164	189	140	85*	87+*
					High Output Rating	169	197	144	N/A	86+**
S10/7	7	32.25	7.7	466	Energy Star Compliant Rating	201	231	171	85*	87+*
					High Output Rating	207	241	176	N/A	86+**

\*All S10 boilers are shipped standard as Energy Star compliant (Gas does not qualify) \*\*High output ratings require burner nozzle & setup change  
Net output ratings are based on piping and pick-up allowances of 15%



# UNIVERSAL

## Cast-Iron Boiler System



**INPUT RATES**  
From 140,000 to 245,000 MBH

# CAST IRON 3-PASS, TANKLESS BOILER

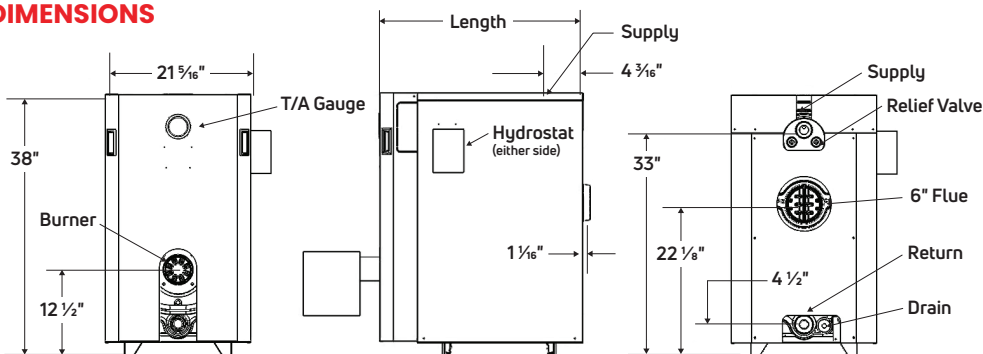
The SAINT ROCH UNIVERSAL SERIES (SRU) boiler features a durable cast iron, triple-pass design with low water content and an integrated DHW coil. Its 3250TC "Fuel Smart" controller boosts efficiency with outdoor reset, cold start, and low water protection. Exceeding ASME standards, the SRU includes a swing door for easy access. Easily converts between Oil, Bio, NG, or Propane with a swap of a burner.

## STANDARD FEATURES

- ▶ FULL swing door
- ▶ Dual firing rate options
- ▶ 3-Pass cast iron boiler
- ▶ Low mass boiler
- ▶ Oil, Biofuel, and Gas compatible
- ▶ Shipped knocked down
- ▶ Chimney and direct vent
- ▶ Hydrostat 3250 TC w/ lowlimit disable
- ▶ Limited lifetime, non-pro rated warranty
- ▶ 1 1/4" supply and return tapings

*\*Universal boiler is able to be used with or without a coil.*

## DIMENSIONS



## TECHNICAL INFORMATION

Product Code	# of Sections	Length (inch)	Water Content (gal)	Weight (lbs)	Energy Star Compliant Rating or High Output Rating	Heating Capacity (BTU/HR)	Net Input (BTU/HR)	Output (BTU/HR)	Efficiency Gas (%)	Efficiency Oil (%)
SRU30	3	24.5	11.25	337	Energy Star Compliant Rating	123	140	107	85*	87.1*
					High Output Rating	140	161	122	N/A	86.3**
SRU40	4	29.5	14.125	425	Energy Star Compliant Rating	154	175	134	85*	87.1*
					High Output Rating	171	196	149	N/A	86.5**
SRU50	5	34.5	17	509	Energy Star Compliant Rating	185	210	161	85*	87.2*
					High Output Rating	208	238	181	N/A	86.6**
SRU60	6	39.5	19.875	599	Energy Star Compliant Rating	216	245	188	85*	87.3*
					High Output Rating	N/A	N/A	N/A	N/A	N/A

\*All SRU boilers are shipped standard as Energy Star compliant (Gas does not qualify) \*\*High output ratings require burner nozzle & setup change  
Net output ratings are based on piping and pick-up allowances of 15%

# OPTIMAJOR

## Cast-Iron Boiler System

# CAST IRON 3-PASS LIGHT COMMERCIAL BOILER



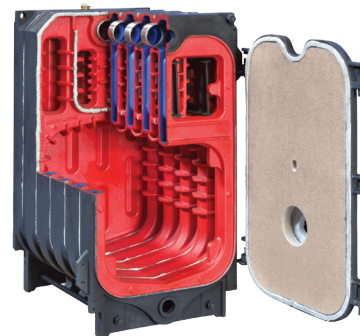
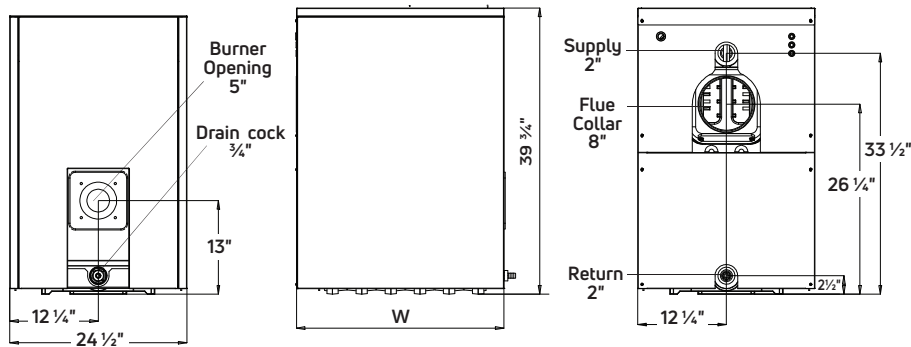
The OPTIMAJOR cast iron sectional boiler is engineered to ensure high efficiency and boiler safety. The boiler has a full hinged cast iron door that pivots either left or right allowing complete access to the entire boiler heat exchanger and combustion chamber which makes cleaning the boiler an easy task. The OPTIMAJOR boilers use a standard Hydrolevel 3250Plus control that is remote mounted.

### STANDARD FEATURES

- ▶ FULL swing door
- ▶ 3-Pass cast iron boiler
- ▶ Mid mass boiler
- ▶ Oil, Biofuel, and Gas compatible
- ▶ Shipped knocked down
- ▶ Hydrostat 3250Plus control
- ▶ Safgard 550 LWC included
- ▶ Manual reset high limit included
- ▶ Commercial 20 year warranty
- ▶ 2" NPT supply manifold
- ▶ 2" NPT return tapping

**INPUT RATES**  
From 312,000 to 776,000 MBH

### DIMENSIONS



### TECHNICAL INFORMATION

Product Code	# of Sections	Length (inch)	Water Content (gal)	Weight (lbs)	Heating Capacity (BTU/HR)	Net Input (BTU/HR)	Output (BTU/HR)	Efficiency Gas (%)	Efficiency Oil (%)
OPTI 6	6	29	13	871	267	312	227	85	87
OPTI 8	8	37	17	1091	377	438	320	85	87
OPTI 10	10	45	20	1312	479	560	407	85	87
OPTI 12	12	53	25	1532	588	686	500	85	87
OPTI 14	14	61	29	1752	667	776	567	85	87

Net output ratings are based on piping and pick-up allowances of 15%

### Three-Pass Design

