



Challenger – Wood Burning Stoves



Classic Warmth





VSW40
Wood Burning Steel Stove

VSW40 Wood Burning Steel Stove

Adding comfort and style to your home has never been so easy!

Like its smaller counterparts, the Challenger VSW40 from Vermont Castings can hold logs up to 22 inches long - offering you both greater convenience and a more robust looking log fire. The exceptionally clean glass, created using the Air Wash Manifold, ensures that soot particles don't adhere to the hot glass thereby giving you an

unobstructed view of the roaring wood fire flames. With heating capacity for up to 3,000 square feet, and its overall contemporary stove styling, the Challenger VSW40 is a superior steel wood stove that will add the warmth of comfort and style to any room in your home.

VSW30

Wood Burning Steel Stoves

With 159 square inches of viewing area and 11,000 – 30,600 BTUs, the Challenger VSW30 from Vermont Castings provides an excellent view of the dancing wood-fire flames while heating up to 2,200 square feet! Whether you choose the pedestal style stove or the more traditional look of legs, the VSW30 creates warmth and beauty wherever you choose to install it in your home.



VSW30STAPB
with optional Nickel door bezel



VSW30FTAL
with optional Nickel door bezel and legs



Comfort & Style

Cast in tradition and manufactured with the fine craftsmanship and attention to detail that heritage brings, a Vermont Castings stove or fireplace offers classic warmth and timeless beauty that stands out from the competition. Light the fire of comfort and style in your home and add the perfect gathering place. Add a Vermont Castings.



Built Vermont Proud and Strong



Cast Iron Non-Catalytic Wood Stoves

Model	VSW20 Flat top with legs	VSW30FTPB Flat top with pedestal base	VSW30FTAL Flat top w/legs and ash drawer	VSW30FTAPB Flat top w/pedestal and ash drawer	VSW30STAL Step top w/pedestal and ash drawer	VSW30STAPB Step top with legs and ash drawer	VSW40 Step top with legs
Shipping Weight (lbs)	400	460	470	499	511	524	520
Width (Top)	25"	27.75"	27.75"	27.75"	27.75"	27.75"	27.75"
Width of Legs	21.5"	–	26"	–	26"	–	26.5"
Depth of Legs	19"	–	19.25"	–	19.25"	–	23"
Depth	24.5"	24.25"	24.25"	24.25"	24.25"	24.25"	32"
Height to Top of Collar	30.75	32.75"	30.25"	32.75"	33.75"	36.25"	–
Height to Top of Stove	28.75"	30.75"	28.25"	30.75"	28.25"	30.75"	31.5"
Height to Top of Steptop	–	–	–	–	32"	34.5"	33.25"
Door Opening	13.625" x 8"	9" x 18.5"	9" x 18.5"	9" x 18.5"	9" x 18.5"	9" x 18.5"	18.25" x 9.5"
Firebox Size (cubic ft.)	1.5	2	2	2	2	2	3.25
Log Length	18"	20"	20"	20"	20"	20"	22"
Fire Viewing Area (Sq. Inch)	115	159	159	159	159	159	148
Flue Size	6"	6"	6"	6"	6"	6"	6"
Mobile Home Approved US/CAN	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Non-Catalytic	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Emission (Grams/Hr)	3.76	2.5	2.5	2.5	2.5	2.5	4.3
Burn Rate (BTU/hr)	11,000 – 45,400	11,000 – 30,600	11,000 – 30,600	11,000 – 30,600	11,000 – 30,600	11,000 – 30,600	12,000 – 36,000
Combustion Efficiency (%)	63	63	63	63	63	63	63
Heating Capacity (sq. ft.)	1,000	2,200	2,200	2,200	2,200	2,200	3,000
Burn Time (hrs)	8	10	10	10	10	10	13
Washington State Approved	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Note:

Square foot heating capacities are approximations only. They will vary depending upon the level of insulation, climate, house design, ceiling height, ambient outside temperatures and how the appliance is operated.



Tested & Listed By



Your Vermont Castings Dealer:

A Brand of Monessen Hearth Systems Co.
149 Cleveland Drive, Paris, Kentucky 40361
www.vermontcastings.com

To avoid personal injury or property damage, the product described by this brochure must be installed, operated and maintained in strict compliance with the instructions packaged with the product and all applicable building or fire codes. Contact local building or fire officials about restrictions and installation inspection requirements. All photographs and drawings on this brochure are for illustrative purposes only and are not intended for, nor should they be used as a substitute for the instructions packaged with the unit. Appearance and specifications of the product are subject to change without notice. © 2009 Monessen Hearth Systems Co.

Wood Burning Steel Stoves

Add warmth and elegance to any room with a Challenger wood burning steel stove from Vermont Castings. Using the latest wood burning technology and designed with a contemporary take on the traditional wood stove, the Challenger series proves to be an efficient heat source. The high-tech combustion system creates a lively burn and the dancing yellow flames will add warmth and beauty to any room in your home.



VSW30FTAPB wood burning steel stove shown in standard Black



VSW30STAL with optional Gold door bezel and legs



VSW20
With optional cast iron legs

VSW20 Wood Burning Steel Stoves

The Vermont Castings Challenger VSW20 has been designed with both utility and style in mind. Easily heating up to 1000 square feet, the VSW20 can hold logs up to 18 inches long! Perfect for cabins, cottages and any other smaller space, the Challenger VSW20 from Vermont Castings offers your home the traditional warmth and timeless beauty of a wood fire in a more compact size.

Combustion System

Primary Air Intake/Control – regulates air to primary combustion zone and controls burn rate.

Air Wash Manifold – preheated air is dispersed downward to shield glass from soot particles and keep glass clean.

Single Air Control – for convenient operation.

Secondary Air Inlets – preheated air is metered above the primary combustion zone to complete combustion of any unburned gases.

Refractory Baffle System – slows heated gases to promote complete combustion and efficient heat transfer.

Primary Combustion Zone – primary combustion of fuel load.

Supplemental Primary Air – helps promote complete combustion fuel load during final stage of combustion.

Refractory Liner – promotes higher firebox temperatures for complete combustion.

Wood Burning Steel Stoves Features

- High-tech combustion system with lively vibrant burn
- Easily removable baffle for chimney cleaning
- Standard side heat shields
- Ash removal system (excluding VSW20 and VSW30FTPB)
- Non-catalytic
- Refractory lined to enhance complete combustion
- Top vent only with 6" flue
- Heavy 5/16 plate steel top for durability
- EPA Phase II and Washington State approved

Optional Accessories

- Mobile Home Kit
- Outside Air Kit
- Gasket Kit



Optional blower



Optional Gold cast iron legs and door bezel



Optional Nickel cast iron legs and door bezel