



BEYOND fire



www.osburn-mfg.com

**BEYOND
EXPECTATIONS**

High quality and unique design for your comfort

2013 Version

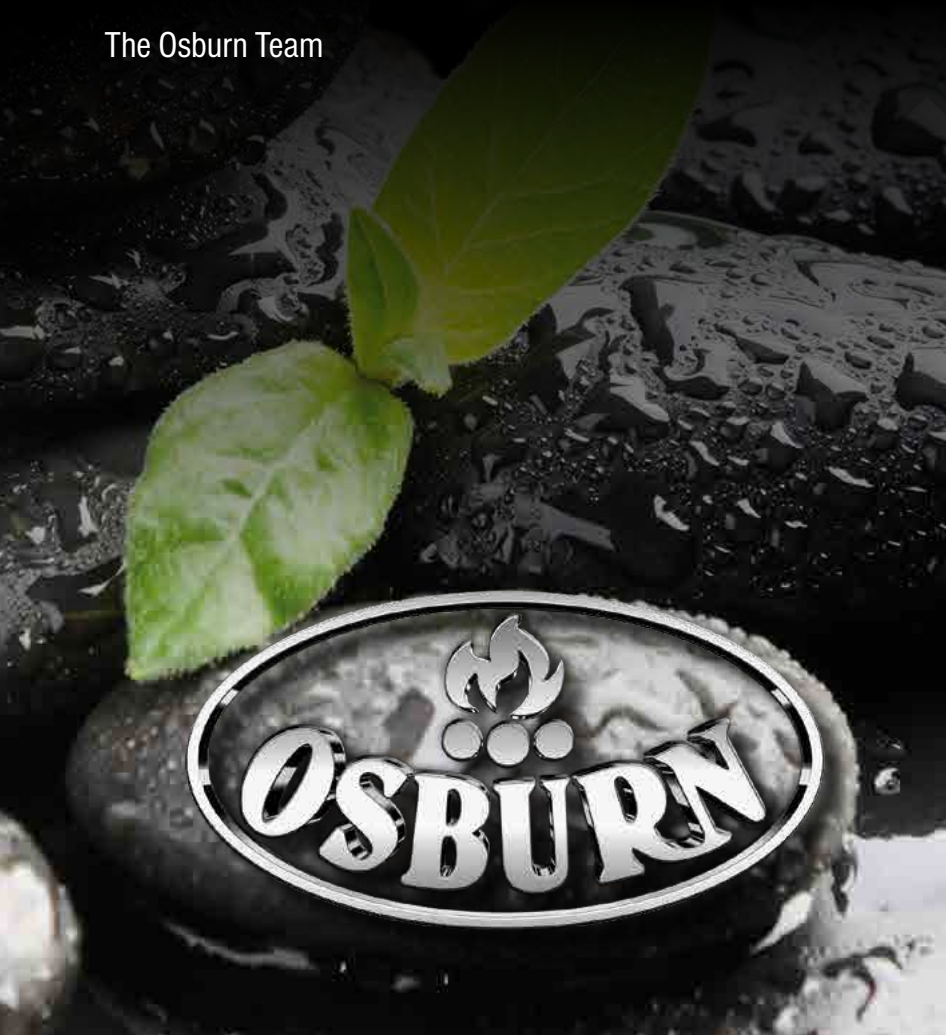
BEYOND fire

BEYOND... A single word that captures our philosophy and commitment at Osburn. This is our source of inspiration.

What does "BEYOND" mean to Osburn?

BEYOND drives us forward when we look at products. We go beyond with what we do and with our interactions in life. It is more than building and selling products. It's no longer about just doing, but doing with a purpose, doing efficiently. It is about exceeding expectations. BEYOND... drives us to do better, to be more functional and achieve higher performance. We believe great products define a great appliance manufacturer. We are not afraid to take the lead or to stretch the boundaries. When you go BEYOND..., you simply go ahead; you look at the present and envision amazing things happening for the future. That's who we are, our philosophy. Our hope is to share it with you and we invite you to take the time to discover how we go beyond.

The Osburn Team



Featured products
Matrix Series



5000



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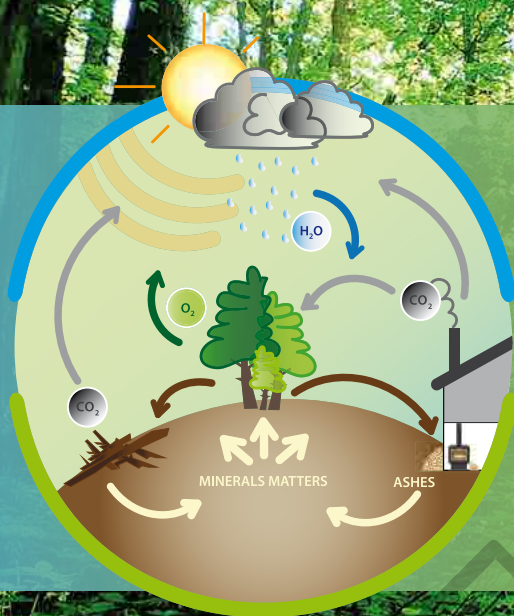
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WOOD HEATING AND THE ENVIRONMENT



When oil, gas, and coal are burned, the carbon they contain is oxidized to carbon dioxide (CO₂), the main greenhouse gas. In effect, the combustion of fossil fuels releases ancient carbon (carbon that has been buried within the earth for thousands of years), thereby increasing the atmospheric concentration of carbon dioxide (CO₂). In comparison, wood combustion can be considered carbon neutral because trees absorb CO₂ as they grow. This process is called carbon sequestration.

Approximately one ton of carbon is sequestered for each cubic meter of wood. When trees mature, die, fall in the forest and decompose, the same amount of carbon is emitted as would be released if they were burned for heat. This cycle can be repeated forever without increasing atmospheric carbon. A healthy forest is not a museum, but a living community of plants and animals. When trees are used for energy, a part of the forests carbon "bank" is diverted from the natural decay and forest cycle into our homes to heat them.

When we heat with wood, we are simply tapping into the natural carbon cycle in which CO₂ flows from the atmosphere to the forest and back. The key to ecologically sound and sustainable wood energy use is to ensure that the forest remains healthy, maintains a stable level of variously aged trees and provides a good habitat for a diversity of other species, both plants and animals. Ensuring there is a healthy fuelwood market is key to a sustainable forestry plan. Landowners have more incentive to remove low value trees and manage their forests sustainably knowing there is a market for this low value material.

The combustion of wood produces small particles that are called PM2.5. Those particles are 30 times smaller than a human hair. They can aggravate certain lung and heart diseases and have been linked with health problems such as asthma. Sources of PM2.5 include combustion under various forms, such as the one used for cars and trucks, wood heating, as well as other industrial processes. While it is true that old technology like open fireplaces and simple heaters could not burn the wood completely, the new generation of wood-burning appliances are designed to burn particles. They produce almost no visible smoke. The woodheating industry has evolved. The vast majority of appliances sold on the market now meet the particles emissions limits set by the US Environmental Protection Agency as well as the Canadian standard CSA B415.1. For example, the Environmental Protection Agency, better known as EPA, limits emissions of certified wood heating appliances to no more than 7.5 grams per hour. In comparison, older conventional wood appliances average 40 grams per hour. Numerous countries, provinces and municipalities, have adopted laws that regulate the sale of wood-heating appliances that do not meet the latest standards in terms of particles emissions. Among them, we can name the United States, Australia, New Zealand, as well as numerous countries that are part of the European Union. In Canada, British Columbia, Quebec, Nova Scotia, New Brunswick and Newfoundland have also introduced laws regulating the sale of wood-heating appliances.

Wood, when burned in an appliance that has been tested to the EPA or CSA B415.1 standards, emits up to 90% less particles. It is a clean, renewable energy source. Furthermore, the reduction in fuelwood consumption reaches up to 33% when advanced wood combustion systems are used. This is because certified wood appliances are 60% to 80% efficient, compared with 40% to 60% for conventional units. As for appliances burning wood pellets, they have amongst the lowest particulate emissions of all solid-fuel burning appliances. They are manufactured from waste products and other renewable resources right here in North America. They represent a huge source of heating fuel from material that would otherwise be sent to landfills.

Example of particles* emissions of a wood stove		* Fines particules < 2.5 microns
CONVENTIONAL WOOD STOVE	EPA CERTIFIED UNIT	
30 to 50 grams / hr.	2 to 7 grams / hr.	** Combustion and heat transfer efficiency
OVERALL EFFICIENCY **		
40-60%	60-80%	

BTU/hr.,
seasoned cord wood

40,000

Heating capacity

250 – 1,000 sq. ft.*

Fuel



Size

X-S



Osburn 900.

Emissions
3.99 g/hr

Optimum efficiency
78.2%

900

BEYOND

SIZE

Osburn is proud to present its 900 model, the smallest wood stove in the Osburn range. The 900 still incorporates the features and the technology of the larger Osburn stoves. This EPA stove packs a lot of heat with style! With an output of up to 40,000 BTU/hr, this sturdy heater will keep you warm and toasty. In spite of its size, the 900 takes 17" logs, making it an admired option in the small stove market.



Optional fire screen.

Firebox volume:
1,2 cu. ft.

Maximum log length:
17".

Exterior dimensions:
25 5/8" H
22 7/8" W
21 7/8" D



Optional premium quality 100 CFM
blower with variable speed control.

Optional thermodisc kit.

Optional quick connect thermodisc.




Optional fresh air intake kit.

Optional flexible insulated
fresh air intake pipe
(4' length / 5" diameter).



*See the complete technical data on pages 15 and 16.

Size	Fuel	Heating capacity	BTU/hr., seasoned cord wood
S		500 – 1,400 sq. ft. *	50,000



1100

Emissions
2.9 g/hr

Optimum efficiency
75%

1100 on black legs with brushed nickel door.

**BEYOND
FLEXIBILITY**

The Osburn 1100 stove offers a wide range of possible configurations. It is a freestanding model with either a pedestal or a leg kit (black, gold or brushed nickel plated). It can also be easily placed in an alcove or a fireplace because the flue at the back is angled at 45°. The top air hood improves heat distribution, regardless of where the stove is installed. The Osburn 1100 burns standard 17" logs and has a burn time of up to six hours in low combustion mode*. Overall, this versatile and compact wood stove gives an impressive performance.



Optional cast iron door overlay painted black or golden fire brown, gold plated or, brushed nickel plated.

Firebox volume:
1,5 cu. ft.

Maximum log length:
17".



Optional cast iron legs painted black or gold plated with ash pan.

Exterior dimensions on legs:
28 5/8" H
23 5/8" W
20 3/8" D



Optional pedestal and ash drawer with safety lid.

Exterior dimensions on pedestal:
29 1/2" H
23 5/8" W
20 3/8" D



Optional premium quality 130 CFM blower with variable speed control.



**Optional fresh air intake kit.
**Optional flexible insulated fresh air intake pipe (4' length / 5" diameter).



*See the complete technical data on pages 15 and 16.
**See note 2 on page 15.

BTU/hr.,
seasoned cord wood

55,000

Heating capacity

500 – 1,500 sq. ft.*

Fuel



Size

S



Osburn 1500 with brushed
nickel door.

Emissions
6.28 g/hr

Optimum efficiency
85%

1500

BEYOND
VALUE

Like its big brother, the 2300, the Osburn 1500 has a high-quality 1/8" stainless steel baffle. With its 55,000 BTU/hr performance and compact firebox, this stove is easy to light, providing quick heat. In addition, its reduced exterior dimensions and minimal clearance requirements make it an ideal choice for small spaces.



Optional cast iron door overlay
painted black, gold plated, or
brushed nickel plated.

Firebox volume:
1,5 cu. ft.

Maximum log length:
19".



Pedestal and ash drawer with
safety lid.

Exterior dimensions:
29 1/4" H
26 1/2" W
25 3/8" D



Premium quality 100 CFM blower
with variable speed control included.

Optional thermdisc kit.

Optional quick connect thermdisc.



**Optional fresh air intake kit.

**Optional flexible insulated
fresh air intake pipe
(4' length / 5" diameter).



*See the complete technical data on pages 15 and 16.

**See note 2 on page 15.

Size

Fuel

Heating capacity

BTU/hr.,
seasoned cord wood**M****500 – 1,800 sq. ft.*****65,000****1600**Emissions
4.4 g/hrOptimum efficiency
80%Osburn 1600 on pedestal with
brushed nickel door.

BEYOND

COMBUSTION

With its perfect balance between power, efficiency and cleanliness, the Osburn 1600 wood stove is truly unique. Able to heat up to 1,800 square feet with a performance of 65,000 BTU/hr., it is also environmentally friendly with emissions as low as 0.87 g/hour, well below EPA standards. No compromise is necessary with the 1600 – you choose a pedestal or cast iron legs, then you select a black, golden fire brown, gold plated, or a brushed nickel plated door. Whatever your choice, you'll have a beautifully balanced wood stove.



Optional cast iron door overlay painted black or golden fire brown, gold plated, or brushed nickel plated.

Firebox volume:
1,85 cu. ft.

Maximum log length:
17".



Optional cast iron legs painted black, gold, or brushed nickel plated with ash pan and safety lid.

Exterior dimensions on legs:
31 1/2" H
25" W
26 1/2" D



Optional pedestal and ash drawer with safety lid.

Exterior dimensions on pedestal:
32 3/8" H
25" W
26 1/2" D



Optional premium quality 130 CFM blower with variable speed control.



**Optional fresh air intake kit.
**Optional flexible insulated fresh air intake pipe (4' length / 5" diameter).





BTU/hr., seasoned cord wood	Heating capacity	Fuel	Size
65,000	500 – 1,800 sq. ft.*		M

Osburn 1800 with black door overlay and black louver and trivet.	Emissions 2.8 g/hr	Optimum efficiency 75%	1800
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The 1800/2200 series symbolizes Osburn's elegance and technical know-how. The 1800/2200 series wood stoves are the company's flagship line, with their distinctive bay windows – an exclusive feature on an EPA certified stove – provide a unique view of the wood fire. All the stoves in this series are equipped with detachable trivets and practical covered ashtrays. You can also match them to your decor by selecting one of seven possible combinations of door and moulding finishes (black, gold or brushed nickel).

**BEYOND
CHARACTER**



Optional door overlay painted black, gold plated, or brushed nickel plated.

Optional louver and trivet painted black, gold plated, or brushed nickel plated.

Firebox volume:
1,8 cu. ft.

Maximum log length:
16".



Ash drawer with safety lid.

Exterior dimensions:
30 1/4" H
23 1/4" W
23 3/4" D



Optional premium quality 130 CFM blower with variable speed control.



**Optional fresh air intake kit.

**Optional flexible insulated fresh air intake pipe (4' length / 5" diameter).

*See the complete technical data on pages 15 and 16.
**See note 2 on page 15.



Size

Fuel

Heating capacity

BTU/hr.,
seasoned cord wood

M



500 – 2,100 sq. ft.*

75,000



2000

Emissions
3.89 g/hr

Optimum efficiency
77.2%

Osburn 2000 with brushed
nickel door.

**BEYOND
CHARM**

The Osburn 2000 is one of the most popular unit in the Osburn family of wood stoves. Its cast-iron door, which features the distinctive lines you've come to expect from Osburn, gives it a look combining the contemporary and the traditional. With a 2.3 cubic foot firebox, the Osburn 2000 will delight the most serious of wood stove enthusiasts who want both style and heating power. Also equipped with a 130 CFM blower, the Osburn 2000 is the most sought-after model of the season!



Cast iron door overlay painted black or golden fire brown, gold plated, or brushed nickel plated option.

Firebox volume:
2,3 cu. ft.

Maximum log length:
20".

Optional fire screen.



Optional cast iron legs painted black, gold, or brushed nickel plated with ash pan and safety lid.

Exterior dimensions on legs:
32 3/8" H x 27" W x 30" D

Exterior dimensions on pedestal:
34 3/4" H x 27" W x 30" D



Optional pedestal and ash drawer with safety lid.

Optional thermodisc kit.

Optional quick connect thermodisc.

Optional flexible insulated fresh air intake pipe (4' length / 5" diameter).



Premium quality 130 CFM blower with variable speed control included.



Optional fresh air intake kit.



BTU/hr.,
seasoned cord wood

75,000

Heating capacity

500 – 2,100 sq. ft. *

Fuel



Size

M



Matrix with soapstone panels.

Emissions
3.89 g/hr

Optimum efficiency
77.2%

Matrix

The Matrix wood stove's clean and modern lines is sure to bring a European touch to any room. Inspired by the renowned finnish fireplaces, the top of the stove includes two rich pieces of soapstone. These canadian mined soapstones are also available as side panels kit that brings elegance to another level. Logs can be conveniently placed underneath the large firebox, making the Matrix not only stylish, but practical.

**BEYOND
CONTEMPORARY**



Optional soapstone or black painted panel kits.

Firebox volume:
2,1 cu. ft.

Maximum log length:
20".



Reversible door (hinged on left or right).

Ash pan with safety lid.

Exterior dimensions:
36 7/8" H
27 1/8" W
25 5/8" D



Premium quality 130 CFM blower with variable speed control included.

Quick connect thermodisc included.

**Fresh air intake included.



Optional fire screen.

**Optional flexible insulated fresh air intake pipe (4' length / 5" diameter).



*See the complete technical data on pages 15 and 16.

**See note 2 on page 15.

Size	Fuel	Heating capacity	BTU/hr., seasoned cord wood
M		800 – 2,000 sq. ft.*	70,000



2200

Emissions
2.74 g/hr

Optimum efficiency
76%

Osburn 2200 with brushed nickel door, louver and trivet.

BEYOND

STYLE

Although similar in many ways to the 1800 model, the 2200 stove is suited for intensive, continuous use. Its 20% larger firebox is designed to maintain steady heat over a longer period. A powerful, premium quality 130 CFM blower is available as an option. The glass surface of the bay window is also 20% larger than that of the 1800 model, providing a wonderful view of the fire from every angle. In short, the Osburn 2200 offers a perfect combination of utility and enjoyment!



Optional door overlay painted black, gold plated, or brushed nickel plated.

Optional louver and trivet painted black, gold plated, or brushed nickel plated.

Firebox volume:
2,2 cu. ft.

Maximum log length:
18".



Ash drawer with safety lid.

Exterior dimensions:
32 1/8" H
26" W
26 1/4" D



Optional premium quality 130 CFM blower with variable speed control.



**Optional fresh air intake kit.

**Optional flexible insulated fresh air intake pipe (4' length / 5" diameter).





BTU/hr., seasoned cord wood	Heating capacity	Fuel	Size
85,000	500 – 2,300 sq. ft.*		L

Osburn 2300 with brushed nickel door, on legs.	Emissions 5.74 g/hr	Optimum efficiency 75%	2300
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The Osburn 2300 is designed for intensive use. The depth of its firebox and the large door opening makes wood loading easy, with logs up to 20 inches. Its hidden hinges and very large glass surface embellish its use. Each 2300 model is equipped with an premium quality blower. The secondary air pipes are integrated into the 1/8" stainless steel baffle to give rigidity that withstands even the severest conditions and to ensure combustion of the highest quality.

**BEYOND
PERFORMANCE**



Optional cast iron door overlay painted black or golden fire brown, gold plated, or brushed nickel plated.

Firebox volume:
3,1 cu. ft.

Maximum log length:
20".



Optional cast iron legs painted black, gold plated, or brushed nickel plated with ash pan and safety lid.

Exterior dimensions:
On legs On pedestal
32 1/8" H 32 3/4" H
24 1/2" W 24 1/4" W
34 7/8" D 34 7/8" D



Optional pedestal and ash drawer with safety lid.

Optional thermdisc kit.

Optional quick connect thermdisc.



Premium quality 100 CFM blower with variable speed control included.




**Optional fresh air intake kit.

**Optional flexible insulated fresh air intake pipe (4' length / 5" diameter).



*See the complete technical data on pages 15 and 16.
**See note 2 on page 15



Size	Fuel	Heating capacity	BTU/hr., seasoned cord wood
X-L		800 – 2,700 sq. ft. *	100,000



2400

Emissions
3.5 g/hr

Optimum efficiency
78%

Osburn 2400 with brushed nickel door.

**BEYOND
HEAT**

Some of the Osburn 2400's impressive features include a 3.2 cubic foot firebox; a heating capacity that's up to 2,700 square feet; it takes logs up to 21"; and burns up to 10 hours in low combustion mode*. In addition to its impressive performance, the 2400 is environmentally efficient, with emissions as low as 1.6 g/hour (in medium-high combustion mode). If you're looking for a large wood stove for your home or cottage, the Osburn 2400 is a perfect choice.



Optional cast iron door overlay painted black, gold plated, or brushed nickel plated.

Firebox volume:
3,2 cu. ft.

Maximum log length:
21".



Pedestal and ash drawer with safety lid.

Exterior dimensions:
33" H
30" W
30 5/8" D



Optional premium quality 130 CFM blower with variable speed control.



**Optional fresh air intake kit.

**Optional flexible insulated fresh air intake pipe (4' length / 5" diameter).



*See the complete technical data on pages 15 and 16.
**See note 2 on page 15.

Technical data: Wood stoves

GENERAL FEATURES: WOOD STOVES



MODELS	900	1100	1500	1600	1800
Color	Metallic Black	Metallic Black	Metallic Black	Metallic Black	Metallic Black
Burn time (note 1)	3 to 5 hours	3 to 6 hours	3 to 6 hours	5 to 8 hours	5 to 8 hours
Combustion technology	Non-catalytic	Non-catalytic	Non-catalytic	Non-catalytic	Non-catalytic
Heating capacity (note 1)	250 to 1,000 sq. ft.	500 to 1,400 sq. ft.	500 to 1,500 sq. ft.	500 to 1,800 sq. ft.	500 to 1,800 sq. ft.
BTU/hr., EPA test wood	21,800	35,000	44,000	42,600	36,300
BTU/hr., seasoned cord wood	40,000	50,000	55,000	65,000	65,000
Door opening size (W x H)	15" x 7 5/8"	15 5/8" x 8 3/8"	18 1/4" x 7 1/8"	15 5/8" x 8 1/2"	18 3/8" x 8 5/8"
Firebox dimensions (W x H x D)	18" x 9 3/8" x 12 1/2"	18 1/8" x 11 5/8" x 12 5/8"	20 1/4" x 11 5/8" x 11 3/4"	18 1/8" x 12 3/8" x 14 3/4"	16 7/8" x 11 1/2" x 14 5/8"
Firebox volume	1.2 cu. ft.	1.5 cu. ft.	1.5 cu. ft.	1.85 cu. ft.	1.8 cu. ft.
Emissions: average, according to EPA tests	3.99 g/h	2.9 g/hr.	6.28 g/hr.	4.4 g/hr.	2.8 g/hr.
Glass viewing area	100 sq. in.	122 sq. in.	125 sq. in.	122 sq. in.	232 sq. in.
Door frame	Cast iron with logo	Cast iron with logo	Cast iron with logo	Cast iron with logo	Steel
Maximum log length	17"	17"	19"	17"	16"
Optimum efficiency	78.2%	75%	85%	80%	75%
Mobile home approved (note 2)	No	Yes	Yes	Yes	Yes
Flue spigot diameter	6"	6"	6"	6"	6"
Glass type	Ceramic glass				
Adjustable handle	Yes				
Self-cleaning glass system	Yes				
Ash drawer with safety lid	Yes (all freestanding wood stoves) except Osburn 900 and 1500				
Warranty	Lifetime, limited				
Test standard - Safety	According to ULC S627, UL 1482, UL 737, NFPA 211 and CSA B365 standards applicable in Canada and USA				
Test standard - Emissions / efficiency	EPA / CSA B415.1				



MODELS	2000	Matrix	2200	2300	2400
Color	Metallic Black	Metallic Black	Metallic Black	Metallic Black	Metallic Black
Burn time (note 1)	6 to 8 hours	6 to 8 hours	6 to 8 hours	8 to 10 hours	8 to 10 hours
Combustion technology	Non-catalytic	Non-catalytic	Non-catalytic	Non-catalytic	Non-catalytic
Heating capacity (note 1)	500 to 2,100 sq. ft.	500 to 2,100 sq. ft.	800 to 2,000 sq. ft.	500 to 2,300 sq. ft.	800 to 2,700 sq. ft.
BTU/hr., EPA test wood	32,200	32,200	30,400	30,800	44,100
BTU/hr., seasoned cord wood	75,000	75,000	70,000	85,000	100,000
Door opening size (W x H)	17 1/2" x 9"	17 1/2" x 8 3/4"	21 1/8" x 8 7/8"	15 1/2" x 10 5/8"	19 1/2" x 8"
Firebox dimensions (W x H x D)	20 7/8" x 11 7/8" x 16 1/2"	21" x 12" x 16 1/2"	19 3/4" x 12" x 17 5/8"	18 1/2" x 14 3/8" x 20 5/8"	22 1/2" x 13 1/2" x 19 3/8"
Firebox volume	2.3 cu. ft.	2.1 cu. ft.	2.2 cu. ft.	3.1 cu. ft.	3.2 cu. ft.
Emissions: average, according to EPA tests	3.89 g/hr.	3.89 g/hr.	2.74 g/hr.	5.74 g/hr.	3.5 g/hr.
Glass viewing area	164 sq. in.	233 sq. in.	286 sq. in.	163 sq. in.	168 sq. in.
Door frame	Cast iron with logo	Cast iron, reversible	Steel	Cast iron with logo	Cast iron with logo
Maximum log length	20"	20"	18"	20"	21"
Optimum efficiency	77.2%	77.2%	76%	75%	78%
Mobile home approved (note 2)	Yes	Yes	Yes	Yes	Yes
Flue spigot diameter	6"	6"	6"	6"	6"
Glass type	Ceramic glass				
Adjustable handle	Yes				
Self-cleaning glass system	Yes				
Ash drawer with safety lid	Yes (all freestanding wood stoves) except Osburn 900				
Warranty	Lifetime, limited				
Test standard - Safety	According to ULC S627, UL 1482, UL 737, NFPA 211 and CSA B365 standards applicable in Canada and USA				
Test standard - Emissions / efficiency	EPA / CSA B415.1				

Note 1: Burn time and heating capacity have been calculated under optimal conditions and may vary subject to location in home, chimney draft, chimney diameter, locality, heat loss factors, climate, fuels, fireplace opening specifications (inserts) and other variables.

Note 2: With fresh air intake kit, available with pedestal option only.

SPECIFIC FEATURES: WOOD STOVES

MODELS	900	1100	1500	1600	1800	2000	Matrix	2200	2300	2400
Exterior dimensions and weight										
Height (pedestal)	N/A	29 1/2"	29 1/4"	32 3/8"	30 1/4"	34 3/4"	36 7/8"	32 1/8"	32 3/4"	33"
Height (legs)	25 5/8"	28 5/8"	N/A	31 1/2"	N/A	32 3/8"	N/A	N/A	32 1/8"	N/A
Width (pedestal)	N/A	23 5/8"	26 1/2"	25"	23 1/4"	27"	27 1/8"	26"	24 1/4"	30"
Width (legs)	22 7/8"	23 5/8"	N/A	25"	N/A	27"	N/A	N/A	24 1/2"	N/A
Depth (pedestal)	N/A	20 3/8"	25 3/8"	26 1/2"	23 3/4"	30"	25 5/8"	26 1/4"	34 7/8"	30 5/8"
Depth (legs)	21 7/8"	20 3/8"	N/A	26 1/2"	N/A	30"	N/A	N/A	34 7/8"	N/A
Weight	174 lb (79 kg)	250 lb (114 kg)	300 lb (137 kg)	368 lb (168 kg)	331 lb (150 kg)	384 lb (174 kg)	535 lb (243 kg)	397 lb (180 kg)	388 lb (176 kg)	540 lb (245 kg)
Clearances from unit to combustible materials (figures 1 and 2)										
With single wall pipe (note 3)										
A— Sides (Canada / USA)	18"	16"	12"	16"	17"	17"	16"	17"	12"	17" / 18"
B— Back (Canada / USA)	16"	20"	15"	15"	16"	15"	15"	16"	15" / 6"	14" / 16"
C— Corner (Canada / USA)	10" / 7"	14"	10"	12"	12"	10"	10"	10"	9"	8" / 12"
With double wall pipe										
A— Sides (Canada / USA)	18"	17"	12"	16" / 20"	19"	17"	14"	21"	12"	15" / 17"
B— Back (Canada / USA)	15"	12"	5"	6"	10"	6"	6"	5"	6"	7" / 12"
C— Corner (Canada / USA)	7"	6"	8"	6"	10"	5"	6"	3"	9"	7" / 7"
Options										
Blower	Optional	Optional	Standard	Optional	Optional	Standard	Standard	Optional	Standard	Optional
Door, painted black	Standard	Optional	Optional	Optional	Optional	Optional	Standard	Optional	Optional	Optional
Door, painted golden fire brown	N/A	Optional	N/A	Optional	N/A	Optional	N/A	N/A	Optional	N/A
Door, 24K gold plated	N/A	Optional	Optional	Optional	Optional	Optional	N/A	Optional	Optional	Optional
Door, brushed nickel plated	N/A	Optional	Optional	Optional	Optional	Optional	N/A	Optional	Optional	Optional
Pedestal	N/A	Optional	Standard	Optional	Standard	Optional	Standard	Standard	Optional	Standard
Cast iron legs, painted black	Standard	Optional	N/A	Optional	N/A	Optional	N/A	N/A	Optional	N/A
Cast iron legs, 24K gold plated	N/A	Optional	N/A	Optional	N/A	Optional	N/A	N/A	Optional	N/A
Cast iron legs, brushed nickel plated	N/A	Optional	N/A	Optional	N/A	Optional	N/A	N/A	Optional	N/A
Louwer and trivet, painted black	N/A	N/A	N/A	N/A	Optional	N/A	N/A	Optional	N/A	N/A
Louwer and trivet, 24K gold plated	N/A	N/A	N/A	N/A	Optional	N/A	N/A	Optional	N/A	N/A
Louwer and trivet, brushed nickel plated	N/A	N/A	N/A	N/A	Optional	N/A	N/A	Optional	N/A	N/A
Soapstone panel kit	N/A	N/A	N/A	N/A	N/A	N/A	Optional	N/A	N/A	N/A
Panel kit, painted black	N/A	N/A	N/A	N/A	N/A	N/A	Optional	N/A	N/A	N/A

Note 3: Consult local code for minimum clearances of the single wall pipe itself to combustible materials. See also the vent manufacturer's instructions.

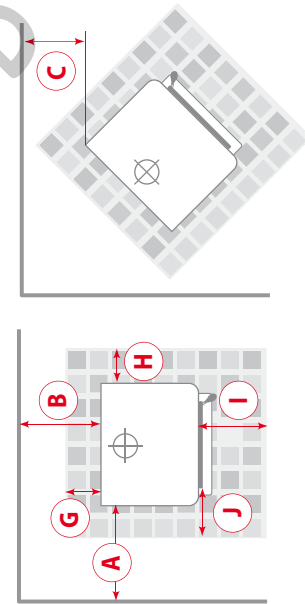


Figure 1

FLOOR PROTECTOR*		CANADA	USA
G		8" – Note **	N/A (Canada only)
H		8"	N/A (Canada only)
I		18" From door opening	16" From door opening
J		N/A (USA only)	8" From door opening

*Steel with a minimum thickness of 0.015" (0.38 mm) or ceramic tiles sealed together with grout. No protection is required if the unit is installed on a non-combustible floor (ex: concrete).

**The floor protection at the back of the stove is limited to the stove's required clearance if such clearance is smaller than 8 inches (203 mm).

Technical data contained in this brochure are for reference only. Any installation must be done according to the data and drawings detailed in the Owner's manual.

Figure 2

BTU/hr.,
seasoned cord wood

50,000

Heating capacity

500 – 1,400 sq. ft.*

Fuel



Size

S



Osburn 1100 insert with brushed nickel plated door and black faceplate trims.

Emissions
2.9 g/hr

Optimum efficiency
75%

1100
Insert

The 1100 insert is the ready-made solution for smaller masonry fireplaces. With its flue at a 45° angle, it offers a wide range of configurations. The floor of its firebox is 2.5 inches deep, allowing greater accumulation of ashes and cleaner use. The 1100 insert also comes with a powerful 120 CFM blower. You'll be amazed and delighted by the 50,000 BTU of heat it provides!

BEYOND
FLEXIBILITY



Optional cast iron door overlay painted black or golden fire brown, gold plated, or brushed nickel plated.

Firebox volume:
1,5 cu. ft.

Maximum log length:
17".



Premium quality 120 CFM heat activated blower with variable speed control included.

Exterior dimensions:
21 1/8" H
25 1/2" W
22 1/4" D



Optional faceplate kits (29" x 44").



Optional black, gold or brushed nickel faceplate trims (29" x 44").



*See the complete technical data on pages 24 and 25.

Size

Fuel

Heating capacity

BTU/hr.,
seasoned cord wood

M



600 – 1,800 sq. ft. *

65,000



1600
Insert

Emissions
4.4 g/hr

Optimum efficiency
80%

Osburn1600 insert with brushed
nickel plated door and black
faceplate trims.

**BEYOND
COMBUSTION**

With its compact design, the 1600 insert can be installed in a fireplace as small as 14.5" deep. Yet it offers a performance of up to 65,000 BTU/hr. and burns 17" logs. The standard 130 CFM blower helps maximize the stove's energy performance. The very low emissions at normal operating temperatures, positions the 1600 insert as an excellent choice for those seeking an environmentally friendly and ultra-efficient source of heat.



Optional cast iron door overlay
painted black or golden fire brown,
gold plated or brushed nickel plated.

Firebox volume:
1,85 cu. ft.

Maximum log length:
17".



Premium quality 130 CFM
heat activated blower with variable
speed control included.

Exterior dimensions:
22 5/8" H
25 7/8" W
25 5/8" D



Optional faceplate kits
(29" x 44" / 32" x 44" / 32" x 50").



Optional black, gold or brushed
nickel faceplate trims
(29" x 44" / 32" x 44" / 32" x 50").



BTU/hr.,
seasoned cord wood

65,000

Heating capacity

600 – 1,800 sq. ft. *

Fuel



Size

M



Osburn 1800 insert with brushed nickel plated door and brushed nickel faceplate trims.

Emissions
2.8 g/hr

Optimum efficiency
75%

1800
Insert

Like its cousins in the 1800/2200 freestanding series, the 1800 insert offers the same tried-and tested design and the same great features, including a magnificent view of the fire through the bay window. It is also equipped with a powerful blower, transforming your old, inefficient fireplace into a highly effective heating system. The 1800 insert is both practical and elegant. It is a perfect choice to upgrade your living room or basement fireplace.

BEYOND
CHARACTER



Optional cast iron door overlay painted black, gold plated or brushed nickel plated.

Firebox volume:
1,8 cu. ft.

Maximum log length:
16".



Premium quality 110 CFM heat activated blower with variable speed control included.

Exterior dimensions:
20 3/8" H
30" W
25 3/8" D



Optional faceplate kits (29" x 44" / 32" x 44").



Optional black, gold or brushed nickel faceplate trims (29" x 44" / 32" x 44").



*See the complete technical data on pages 24 and 25.

Size

Fuel

Heating capacity

BTU/hr.,
seasoned cord wood**M****500 — 2,100 sq. ft.*****75,000****2000**
InsertEmissions
3.89 g/hrOptimum efficiency
77.2%Osburn 2000 insert with brushed
nickel plated door and brushed nickel
faceplate trims.**BEYOND
CHARM**

With its 2.1 cubic foot firebox, the Osburn 2000 insert offers an alternative to the people who love its freestanding counterpart. The two models share the same high quality combustion properties and many of the same features. The Osburn 2000 comes with a standard high-power, heat-activated 120 CFM blower strategically positioned to redistribute the heat from the firebox into the room. The 2000 model is designed to receive an optional faceplate that can cover a masonry hearth up to 32 inches (81 cm) high and 50 inches (127 cm) wide. The door overlay is available in black, golden fire brown, gold plated or, brushed nickel plated finishes. The faceplate trims are available in black, brassy gold, and nickel.



Optional cast iron door overlay
painted black or golden fire brown,
gold plated, or brushed nickel plated.

Firebox volume:
2,1 cu. ft.

Maximum log length:
20".



Premium quality 120 CFM
heat activated blower with variable
speed control included.

Exterior dimensions:
23 1/16" H
28 3/8" W
26 7/16" D



Optional faceplate kits
(29" x 44" / 32" x 50").



Optional fire screen.



Optional black, gold or brushed
nickel faceplate trims
(29" x 44" / 32" x 50").



Optional heat shield mantle shelf
and combustible top surround.





BTU/hr., seasoned cord wood	Heating capacity	Fuel	Size
75,000	500 – 2,100 sq. ft. *		M

Matrix insert with cast iron faceplate.	Emissions 3.89 g/hr	Optimum efficiency 77.2%
---	------------------------	-----------------------------

Matrix

Insert

BEYOND CONTEMPORARY

The Matrix wood insert defines the new standards for contemporary look and performance. This appliance looks like a fireplace, but has all the advantages of an insert. It's faceplate and blower assembly were developed to allow a flush finish with the masonry fireplace. Cast iron was selected as the material of choice for this clean and modern unit. Installation into larger openings is facilitated by the use of an optional sheet metal backing plate. This insert will surely become the focal point of the room.



Reversible cast iron door (hinged on left or right).

Firebox volume:
2,1 cu. ft.

Maximum log length:
20".

Cast iron faceplate (included):
25 1/4" H x 36 1/8" W

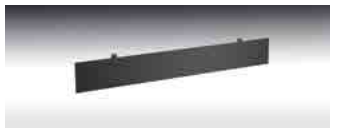


Optional fire screen.

Exterior dimensions:
With faceplate (included):
25 1/4" H
36 1/8" W
21 3/8" D
Without faceplate:
23 1/2" H
28 3/8" W
21 3/8" D



Optional faceplate backing plate panels (29" x 44" / 29" x 50").



Optional bottom faceplate backing plate panels (44" x 6" / 50" x 6").

Optional fresh air intake kit.



Projection kit for insert 2" or 4".



Premium quality 110 CFM heat activated blower included.



*See the complete technical data on pages 24 and 25.

Size

Fuel

Heating capacity

BTU/hr.,
seasoned cord wood**M****800 – 2,000 sq. ft.*****70,000**

2200
Insert

Emissions
2.74 g/hr

Optimum efficiency
76%

Osburn 2200 insert insert with black door and black faceplate trims.

BEYOND
STYLE

The 2200 insert, with its focus on efficiency and elegance, is an excellent example of Osburn's know-how. The bay window adds a touch of style to your fireplace and also improves its heat output. The 2200 insert is designed to offer a long burn time in low combustion mode, and can provide comfort for many hours – even overnight* – thanks among other things to its premium quality blower. The Osburn 2200 insert offers superior features in an eye-catching, high performance wood insert.



Optional cast iron door overlay painted black, gold plated, or brushed nickel plated.

Firebox volume:
2,2 cu. ft.

Maximum log length:
18".



Premium quality 130 CFM heat activated blower with variable speed control included.

Exterior dimensions:
23 1/8" H
32 7/8" W
28 3/8" D



Optional faceplate kits (29" x 44" / 32" x 44" / 32" x 50").



Optional black, gold, or brushed nickel faceplate trims (29" x 44" / 32" x 44" / 32" x 50").



BTU/hr.,
seasoned cord wood

100,000

Heating capacity

800 – 2,700 sq. ft. *

Fuel



Size

X-L



Osburn 2400 insert with brushed nickel plated door and black faceplate trims.

Emissions
3.5 g/hr

Optimum efficiency
78%

2400
Insert

The 2400 insert has the same firebox as its freestanding counterpart and will transform any conventional masonry fireplace into a highly efficient heating system. Its 100,000 BTU/hr., combined with a 3.2 cubic foot firebox, will help you to rest easy during those long winter nights. Its large glass window offers a perfect view of the fire.

BEYOND
HEAT



Optional cast iron door overlay painted black, gold plated, or brushed nickel plated.

Firebox volume:
3,2 cu. ft.

Maximum log length:
21".



Premium quality 120 CFM heat activated blower with variable speed control included.

Exterior dimensions:
23 1/4" H
31 1/8" W
27 7/8" D



Optional faceplate kits (29" x 44" / 32" x 44" / 32" x 50").



Optional black, gold, or brushed nickel faceplate trims (29" x 44" / 32" x 44" / 32" x 50").

*See the complete technical data on pages 24 and 25.



Technical data: Wood inserts

GENERAL FEATURES: WOOD INSERTS



MODELS	1100 Insert	1600 Insert	1800 Insert	2000 Insert	Matrix Insert
Color	Metallic Black	Metallic Black	Metallic Black	Metallic Black	Metallic Black
Burn time (Note 1)	3 to 6 hours	5 to 8 hours	5 to 8 hours	6 to 8 hours	6 to 8 hours
Combustion technology	Non-catalytic	Non-catalytic	Non-catalytic	Non-catalytic	Non-catalytic
Heating capacity (Note 1)	500 to 1,400 sq. ft	600 to 1,800 sq. ft	600 to 1,800 sq. ft	500 to 2,100 sq. ft	500 to 2,100 sq. ft
BTU/hr., EPA test wood	35,000	42,600	36,300	32,200	32,200
BTU/hr., seasoned cord wood	50,000	65,000	65,000	75,000	75,000
Door opening size (W x H)	15 5/8" x 8 3/8"	15 5/8" x 8 1/2"	18 3/8" x 8 1/2"	17 1/2" x 9"	17 1/2" x 8 3/4"
Firebox dimensions (W x H x D)	18 1/8" x 11 1/2" x 12 5/8"	18 1/8" x 12 3/8" x 14 3/4"	16 7/8" x 11 1/2" x 14 5/8"	21" x 11 7/8" x 16 3/4"	21" x 12" x 16 1/2"
Firebox volume	1.5 cu. ft.	1.85 cu. ft.	1.8 cu. ft.	2.1 cu. ft.	2.1 cu. ft.
Emissions: average, according to EPA tests	2.9 g/hr.	4.4 g/hr.	2.8 g/hr.	3.89 g/hr.	3.89 g/hr.
Glass viewing area	122 sq. in.	122 sq. in.	232 sq. in.	157 sq. in.	233 sq. in.
Door frame	Cast iron with logo	Cast iron with logo	Steel	Cast iron with logo	Cast Iron
Maximum log length	17"	17"	16"	20"	20"
Optimum efficiency	75%	80%	75%	77.2%	77.2%
Flue spigot diameter	6"	6"	6"	6"	6"
Glass type	Ceramic glass				
Adjustable handle	Yes				
Self-cleaning glass system	Yes				
Warranty	Lifetime, limited				
Test standard - Safety	According to UL 1482, UL 737, ULC S628, NFPA 211 and CSA B365 applicable in Canada and the United States				
Test standard - Emissions / efficiency	EPA / CSA B415.1				



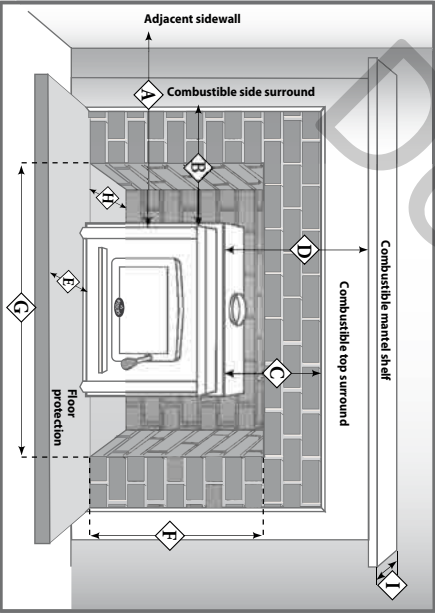
MODELS	2200 Insert	2400 Insert
Color	Metallic Black	Metallic Black
Burn time (Note 1)	6 to 8 hours	8 to 10 hours
Combustion technology	Non-catalytic	Non-catalytic
Heating capacity (Note 1)	800 to 2,000 sq. ft	800 to 2,700 sq. ft
BTU/hr., EPA test wood	30,400	44,100
BTU/hr., seasoned cord wood	70,000	100,000
Door opening size (W x H)	21 1/2" x 9"	19 1/2" x 8"
Firebox dimensions (W x H x D)	19 3/4" x 12" x 17 5/8"	22 1/2" x 13 1/2" x 15 1/8"
Firebox volume	2.2 cu. ft.	3.2 cu. ft.
Emissions: average, according to EPA tests	2.74 g/hr.	3.5 g/hr.
Glass viewing area	286 sq. in.	175 sq. in.
Door frame	Steel	Cast iron with logo
Maximum log length	18"	21"
Optimum efficiency	76%	78%
Flue spigot diameter	6"	6"
Glass type	Ceramic glass	
Adjustable handle	Yes	
Self-cleaning glass system	Yes	
Warranty	Lifetime, limited	
Test standard - Safety	According to UL 1482, UL 737, ULC S628, NFPA 211 and CSA B365 applicable in Canada and the United States	
Test standard - Emissions / efficiency	EPA / CSA B415.1	

Note 1: Burn time and heating capacity have been calculated under optimal conditions and may vary subject to location in home, chimney draft, chimney diameter, locality, heat loss factors, climate, fuels, fireplace opening specifications (inserts) and other variables.

SPECIFIC FEATURES: WOOD INSERT

MODELS	1100 Insert	1600 Insert	1800 Insert	2000 Insert	Matrix Insert	2200 Insert	2400 Insert
Exterior dimensions and weight							
Height	21 1/8"	22 5/8"	20 3/8"	23 1/16"	23 1/2"	23 1/8"	23 1/4"
Width	25 1/2"	25 7/8"	30"	28 3/8"	28 3/8"	32 7/8"	31 1/8"
Depth	22 1/4"	25 5/8"	25 3/8"	26 7/16"	21 3/8"	28 3/8"	27 7/8"
Weight	250 lb (114 kg)	360 lb (164 kg)	315 lb (143 kg)	423 lb (192 kg)	480 lb (218 kg)	383 lb (174 kg)	545 lb (248 kg)
Clearances from unit to combustible materials (see figure 1)							
A- Adjacent sidewall	13"	16"	17"	16"	16"	17"	14"
B- Combustible side surround	9"	10"	10"	12"	12"	10"	8"
C- Combustible top surround	27"	16"	14"	20"	20"	14"	20 1/2"
D- Combustible mantle shelf	N/A	N/A	N/A	11"	N/A	N/A	N/A
E- Minimum floor protection in front of unit (CAN / USA)	27"	22"	22"	22"	22"	22"	25 1/2"
F, G, H- Minimum fireplace opening (Width x Height x Depth)	N/A	N/A	N/A	12"	N/A	N/A	N/A
I- Maximum projection of shelf	18" / 16"	18" / 16"	18" / 16"	18" / 16"	18" / 16"	21 5/8" / 21 5/8***	18" / 16"
Faceplate dimensions	26" x 21 3/4" x 12 7/8"	26 3/8" x 22 1/8" x 14 3/8"	23 3/8" x 20" x 14 5/8"	28 7/8" x 23 3/8" x 15 3/4"	28 7/8" x 23 3/4" x 19 5/8**	26 1/4" x 22 5/8" x 17 3/8"	31 5/8" x 23 1/2" x 16 1/4"
Regular in cast iron (included)	N/A	N/A	N/A	N/A	25 1/4" x 36 1/8"	N/A	N/A
Medium in steel	29" x 44"	29" x 44"	29" x 44"	29" x 44"	N/A	29" x 44"	29" x 44"
Large in steel	N/A	32" x 44"	32" x 44"	N/A	N/A	32" x 44"	32" x 44"
Faceplate trim kit finish	Black, brassy gold or nickel	Black, brassy gold or nickel	Black, brassy gold or nickel	Black, brassy gold or nickel	N/A	Black, brassy gold or nickel	Black, brassy gold or nickel
Faceplate backing plate panels	N/A	N/A	N/A	N/A	29" x 44" / 29" x 50"	N/A	N/A
Bottom faceplate backing plate panels	N/A	N/A	N/A	N/A	44" x 6" / 50" x 6"	N/A	N/A
Projection kit	N/A	N/A	N/A	N/A	2" or 4"	N/A	N/A
Options							
Blower	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Door, painted black	Optional	Optional	Optional	Optional	Standard	Optional	Optional
Door, painted brown	Optional	Optional	N/A	Optional	N/A	N/A	N/A
Door, 24k gold plated	Optional	Optional	Optional	Optional	N/A	Optional	Optional
Door, brushed nickel plated	Optional	Optional	Optional	Optional	N/A	Optional	Optional

Figure 1



D From door opening

* The depth of the fireplace opening of the Matrix Insert can be reduced to 17 5/8" or 15 5/8" using the optional projection kit AC01323, sold separately.
 ** This model in particular must have 16" in front of the blower housing. This distance is included in the "E" measurement of the above table.
 Technical data & sizes contained in this brochure are for reference only. Any installation must be done according to the data and drawings detailed in the Owner's manual.

Size

Fuel

Heating capacity

BTU/hr.,
seasoned cord wood

L



500 – 2,100 sq. ft.*

75,000



Stratford

Emissions
4.4 g/hr

Optimum efficiency
77%

Stratford with brushed nickel
door and louver kit.

BEYOND
DESIGN

Here's what you've been hoping to find, a decorative and efficient wood fireplace that meets EPA emissions standards. That's saying a lot, but the Osburn Stratford has much more to offer, including a 2.5 cubic foot firebox that's easy to access through double-cast iron doors. The Osburn Stratford will impress you with its distinctive style and exceptional heating capacity. Several options are available, including a forced air system for heating adjacent rooms (see page 27). With the Osburn Stratford, there's a world of possibilities waiting for you!



Optional door and louver kit; painted black, gold plated, or brushed nickel plated.

Firebox volume:
2,5 cu. ft..

Maximum log length:
21".



Two premium quality heat activated
100 CFM blowers included.

Exterior dimensions:
37 5/8" H
36 3/4" W
26 1/4" D



Optional fire screen.

Optional adapter for fresh air
intake kit (3" diameter).

Optional 3" flexible insulated fresh
air intake pipe (10 feet).

Optional hot air gravity kit
(see page 27).

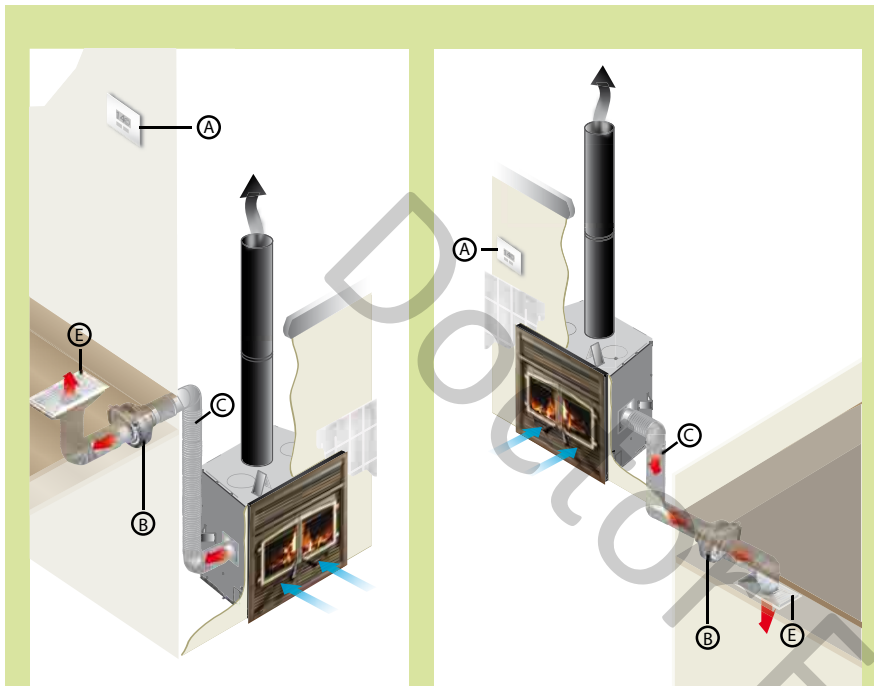


Optional forced air distribution
kit controlled by wall thermostat
(see page 27).



IT'S NOW TIME TO MANAGE HEAT DISTRIBUTION!

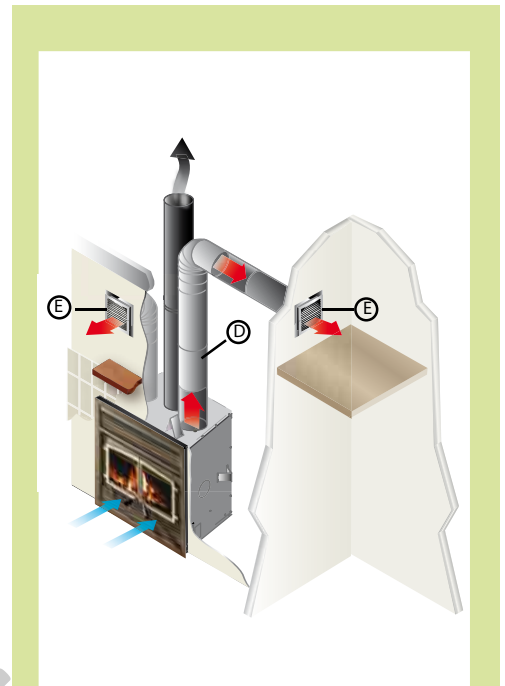
EPA certified wood fireplaces generate a lot of heat. For the most part, they generate too much for the room where they are located. Therefore, you need to manage the excess heat and send it where it is needed. To provide a solution, our research and development laboratory has designed the Heat Management System, an innovative technology that allows the recovery of the heat produced during combustion to redirect it into distribution ducts to heat other areas in your home.



Forced Air Distribution Kit (Heat Management System)

This system allows you to manage the heat distribution automatically. Using a wall thermostat, you can select the temperature you want to maintain in the room where the fireplace is located. Once the thermostat is satisfied, the excess heat is redirected to another room up to 50 feet (15 m) away from the fireplace using a 350 CFM blower. That way, you can enjoy a nice fire in your living room without the discomfort of excess heat generated by your Osburn fireplace.

The system can also be used to supplement heat in a room remote from the fireplace. For this type of application, the thermostat needs to be positioned in the desired room and programmed with the temperature to be maintained. The system, now in "heat mode", will activate the blower as long as the temperature in the remote room is not achieved and that the fireplace has enough heat to distribute.



Osburn offers you another way to distribute excess heat into your home with the help of a gravity kit.

Gravity Kit

The Gravity Kit allows you to block the fireplace's upper louver in order to bring hot air into the same room as the fireplace, in adjacent rooms, or up-stairs at a maximum distance of 10' (3 m). The minimum height of the hot air duct must be 68" (1.7 m) measured from the floor to the top of the hot air register.

A) Wall thermostat B) 350 CFM blower C) Hot air flexible pipe D) Hot air rigid pipe E) Air register

For more installation options or more details on the **Heat Management System** or the **Gravity Kit**, visit <http://www.osburn-mfg.com/heatmanagementsystem>

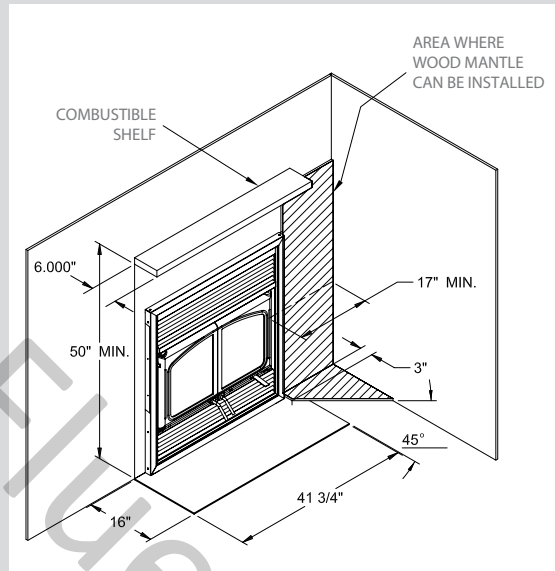
SPECIFIC FEATURES: ZERO CLEARANCE WOOD FIREPLACE

MODEL	STRATFORD
Color	Metallic black
Burn time (note 1)	6 to 8 hours
Combustion technology	Non-Catalytic
Maximum recommended heating area (note 1)	500 to 2,100 sq. ft. (with forced air kit)
Heating capacity - BTU/hr., EPA test wood	30,500
Heating capacity - BTU/hr., seasoned cord wood	75,000
Door opening dimensions (W x H)	25 3/4" x 10 7/8"
Firebox dimensions (W x D x H)	20 3/4" x 17 7/8" x 12 1/8"
Firebox volume	2.5 cu. ft..
Emissions; weighted average according to EPA tests	4.4 g/hr.
Glass viewing area	268 sq. in.
Door frame	Double cast iron with logo
Maximum log length	20"
Log positioning	East - West or North - South
Optimum efficiency	77%
Mobile home approved	No
Flue spigot diameter	6"
Glass type	Ceramic glass
Adjustable handle	Yes
Self-cleaning glass system	Yes
Warranty	Lifetime, limited
Test standard - Safety	ULC S610 / UL 127
Test standard - Emissions / efficiency	EPA / CSA B415.1

Exterior dimensions (including spacers) and weight	
Height	43 1/4"
Width	36 3/4"
Depth	26 1/4"
Weight	350 lb (159 kg)

Clearances to combustible materials (see image below)	
Side wall	17"
Back wall	0"
Sides	0"
Floor	0"
Ceiling	84"
Combustible shelf (from bottom of fireplace)	50"
Side mantle	0"
Non combustible surround (top)	0"
Non combustible surround (sides)	0"

Options	
Door; painted black, gold plated or brushed nickel plated	Optional
Louver kit; painted black, gold plated or brushed nickel plated	Optional
3" adapter for fresh air kit	Optional
Hot air gravity kit	Optional
Forced air kit	Optional
Fire screen door	Optional



Listed chimneys, manufacturers, brands and types (see note 2): zero clearance wood fireplace

MANUFACTURERS	BRANDS	TYPES	INNER DIAMETER
Selkirk	Ultra-Temp (UT)	1" Solid Pack	6"
Selkirk	Super Pro (SPR)	1" Solid Pack	6"
Selkirk	Super Vent (JSC)	1" Solid Pack	6"
Selkirk	Hart & Cooley (TLC)	1" Solid Pack	6"
Selkirk	Sure-Temp (ST)	1" Solid Pack	6"
Selkirk	CF Sentinel (CF)	2" Solid Pack	6"
Selkirk	Super Pro 2100 (ALT)	2" Solid Pack	6"
Selkirk	Super Vent 2100 (JM)	2" Solid Pack	6"
Selkirk	UltimateOne	1" Solid Pack	6"
Security Chimney	ASHT+	1" Solid Pack	6"
Security Chimney	S-2100 +	2" Solid Pack	6"
Simpson Dura Vent	Dura Tech	1" Solid Pack	6"
Simpson Dura Vent	Dura Plus HTC	2" Solid Pack	6"
Simpson Dura Vent	Dura Plus	AC Triple Wall	6"
ICC	Excel 2100	1" Solid Pack	6"
Metal Fab	Temp Guard	1" Solid Pack	6"
American Metal	HSS	AC Triple Wall	6"
American Metal	HS	AC Triple Wall	6"
Olympia Chimney	Ventis	1" Solid Pack	6"
FMI (USA only)	AC	AC Triple Wall	6"

Note 1: Burn time and heating capacity have been calculated under optimal conditions and may vary subject to location in home, chimney draft, chimney diameter, locality, heat loss factors, climate, fuels, fireplace opening specifications (inserts) and other variables.

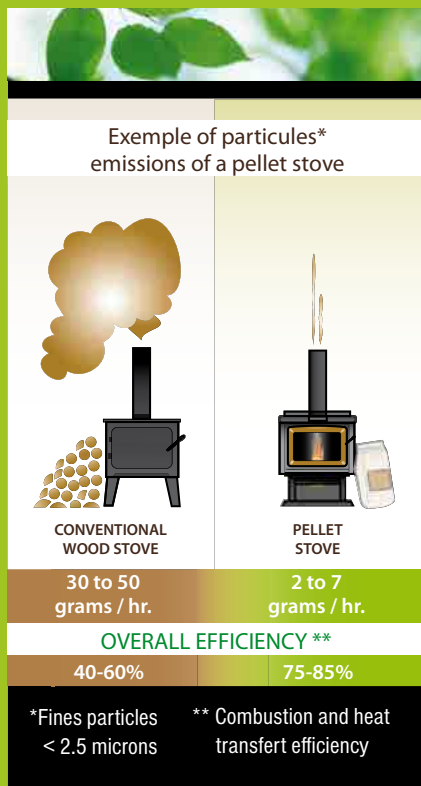
Note 2: Specific components may be required depending on the chimney manufacturer.

Technical data contained in this brochure are for reference only. Any installation must be done according to the data and drawings detailed in the Owner's manual.

ABOUT PELLET HEATING

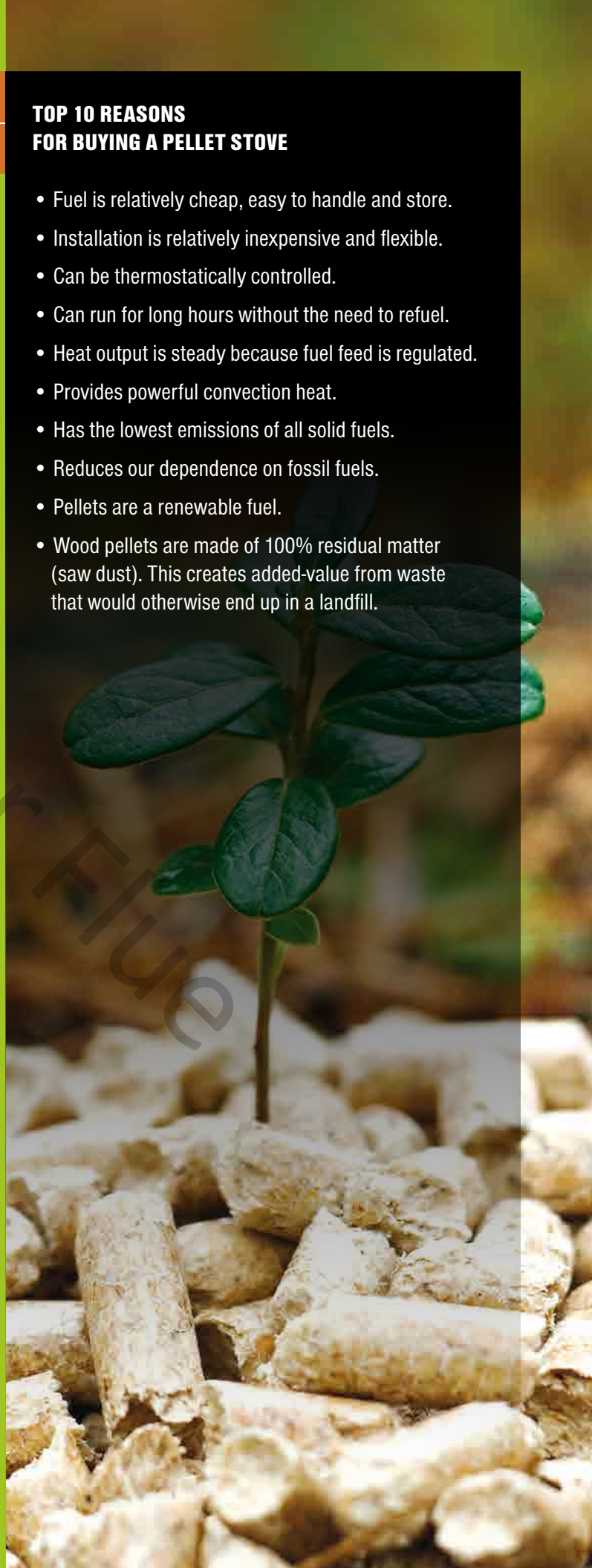
Pellet stoves offer a dramatic improvement in the convenience of heating with solid fuel. Wood pellets are handled in bags and are therefore easily and cleanly stored. A single loading of a pellet stove can provide long hours of warmth. Pellet stoves also provide a special comfort associated with wood burning. The combination of fans delivering warm air currents and the direct comfort of radiant heat provides special satisfaction on a cold winter day. The heat provided is even and constant, due to the auto fuel feed responding to owner settings. Pellet stoves also offer strong environmental benefits; pellets not only reduce dependence on finite supplies of fossil fuels like oil and gas, but they also put to good use materials that would otherwise unnecessarily and expensively add to our waste disposal problems.

In addition, pellet stoves burn very cleanly and offer the lowest emissions of unwanted pollutants of all solid fuel burning appliances.



TOP 10 REASONS FOR BUYING A PELLET STOVE

- Fuel is relatively cheap, easy to handle and store.
- Installation is relatively inexpensive and flexible.
- Can be thermostatically controlled.
- Can run for long hours without the need to refuel.
- Heat output is steady because fuel feed is regulated.
- Provides powerful convection heat.
- Has the lowest emissions of all solid fuels.
- Reduces our dependence on fossil fuels.
- Pellets are a renewable fuel.
- Wood pellets are made of 100% residual matter (saw dust). This creates added-value from waste that would otherwise end up in a landfill.



Size

Fuel

Heating capacity

BTU/hr.,
maximum heat output

L



500 – 2,400 sq. ft.*

50,000



5000

Emissions
< 2.5 g/hr

Optimum efficiency
78%

5000 pellet stove with
black door.

**BEYOND
INNOVATION**

The Osburn 5000 pellet stove is the result of Osburn's evolution in the design of advanced combustion systems using solid fuel sources. With its bottom feed technology, the Osburn 5000 offers an impressive reliability and flexibility regardless of the type of pellets you burn. The touch-screen control panel provides infinite possibilities while keeping the operation surprisingly simple. The clean and vertical look of the Osburn 5000 brings a modern touch to your decor without any compromise on the heat output and efficiency.



Optional cast iron door overlay painted black, gold plated, or brushed nickel plated.

Loading capacity:
70 lb.

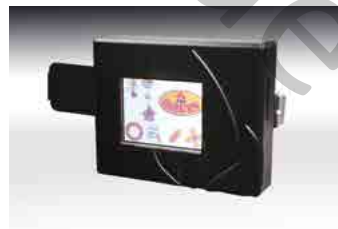
Thermostatic or manual modes.



Premium quality 120 CFM blower included.

Full size ash drawer.

Exterior dimensions:
35 13/16" H
23 5/8" W
31 7/16" D



LCD touch-screen control included.



Optional 3" fresh air intake kit.

Optional 3", 10 feet, flexible insulated fresh air intake pipe.



Optional 3" ground floor venting kit.

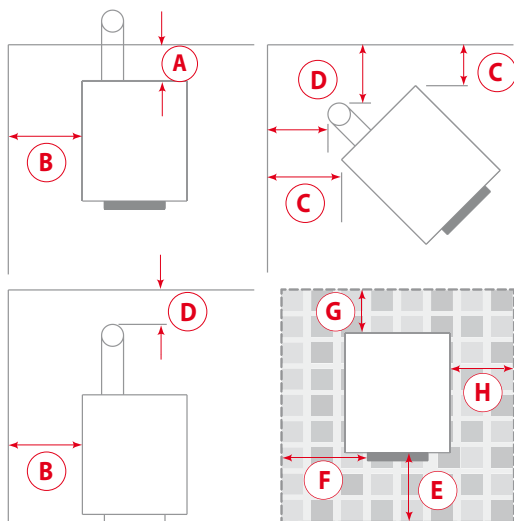
Optional 4" basement venting kit.

Optional thermostats (wired or wireless).



GENERAL FEATURES: PELLET STOVE

MODEL	Osburn 5000
Color	Metallic black
Burn time on low (note 1)	40 hours*
Recommended heating area (note 1)	2,400 sq. ft.
BTU/H maximum (note 3)	50,000
BTU/H minimum (note 3)	8,500
Loading capacity (note 2)	70 lb (32 Kg)
Choice of thermostatic or manual mode	Yes
Combustion technology	Bottom-feed
Number of intensity levels	Variable
Electronic igniter	Yes
Glass viewing area	120 sq. in.
Approved vent diameter	3" or 4" (as per ELV)
Glass type	Ceramic glass
Ash drawer	Yes
Mobile home approved (note 3)	Yes
Warranty	Limited lifetime
Emissions (g/hr) — EPA	< 2.5 g/hr
Optimum efficiency	78 %
Noise level at 6 feet (min/max)	Min: 47 dBa (+/- 3 dBa) – Max: 52 dBa (+/- 3 dBa)
Test standard - safety	ULC S627, CSA B365, ASTM E1509, UL 1482, NFPA 211
Test standard - emissions	EPA / CSA B415.1
Exterior dimensions and weight	
Height	35 13/16"
Width	23 5/8"
Depth	31 7/16"
Weight	390 lb (177 kg)
Options	
Door overlay, painted black	Optional
Door overlay, brushed nickel	Optional
Door overlay, 24K gold plated	Optional
Other	
Fresh air intake kit (3" diameter)	Standard



CLEARANCES TO COMBUSTIBLE MATERIALS*		
	CANADA	USA
A**	3"	3"
B	4"	4"
C	3"	3"
D	Refer to vent manufacturer's clearances	Refer to vent manufacturer's clearances
FLOOR PROTECTION		
E	18"	6"
F	N/A (USA only)	6"
G	8"	N/A (Canada only)
H	8"	N/A (Canada only)

CAUTION:
THE STOVE MUST BE PLACED ON A CONTINUOUS (GROUTED JOINTS) NON COMBUSTIBLE MATERIAL SUCH AS CERAMIC TILE***, CEMENT BOARD, BRICK, MILLBOARD OR EQUIVALENT, OR ANY OTHER APPROVED OR LISTED MATERIAL SUITED FOR FLOOR PROTECTION.

*** Any type of tile will require a continuous non combustible sheet beneath to prevent the possibility of embers falling through to the combustible floor if cracks or separation should occur in the finished surface, this would include floor protection for built-in raised hearths. Check local codes for approved alternatives.

* We recommend leaving 24" on each side of the stove and 12" at the back of the stove in order to facilitate access for maintenance.

** From the fresh air intake.

Note 1: Burn time and heating capacity have been calculated under optimal conditions and may vary subject to location in home, chimney draft, chimney diameter, locality, heat loss factors, climate, fuels, fireplace opening specifications (inserts) and other variables.

Note 2: May vary depending on pellet size and/or density.

Note 3: Fresh air intake kit required.

Technical data contained in this brochure are for reference only. Any installation must be done according to the data and drawings detailed in the Owner's manual.



**SCHOTT
ROBAX®**



PUB047A



OSBURN

**LIMITED LIFETIME
WARRANTY**



on Robax Ceramic Glass

The OSBURN-SCHOTT ROBAX system is one of the highest quality glass and heater product combination on the market. This allows OSBURN to offer a Limited Lifetime Warranty on Robax ceramic glass for all OSBURN appliances.

Conducted consumer studies identify that people want an unobstructed view of the fire, but without compromising safety. The glass “shield” is seen as the needed protection from the fire’s unpredictable aspects. OSBURN chose the SCHOTT ROBAX solution delivering all of the benefits that a consumer wants out of a fire but without the risks associated to it.

Because the way the entire system works together (SCHOTT ROBAX ceramic glass and OSBURN technology), it is the most efficient glass solution available in the market given its high IR transmission values and its high temperature resistance. A high IR transmission means that the heat produced inside the firebox is transferred through the glass more efficiently. The OSBURN-SCHOTT ROBAX ceramic glass can withstand the highest temperatures of any glass on the market.

For more details go to:
www.osburn-mfg.com