OP00050

5000 PELLET STOVE

Fuel type :	Pellet (Premium grade or better)
Heating area :	750 - 2,400 Ft^2
Maximum output :	47,300 BTU/h (13.9 kW)

From

$4,399.00 USD

If your dealer is out of stock, we can supply them within approximately five business days.

SPECS / MANUAL

GUIDES

Osburn 5000 pellet stove install & owner's manual
(PDF - 6.0 Mo)

Osburn 5000 pellet stove dimensions
(PDF - 0.2 Mo)

PLANS & CAD

2D Diagrams - DWG File
(DWG - 1.1 Mo)

2D Diagrams - DXF File
(DXF - 4.5 Mo)

3D Diagrams - STP File
(STP - 16.2 Mo)

APPLIANCE PERFORMANCE (1)

Fuel type :	Pellet (Premium grade or better) (2)
Recommended heating area (sq.ft.) : (*)	750 - 2,400
Hopper capacity :	70 lb (32 kg)
Maximum burn time : (*)	64 h
Maximum heat input rate : (3)	47,300 BTU/h (13.9 kW)
Overall heat output rate (min. to max.) : (4)	10,300 BTU/h (3.0 kW) to 30,500 BTU/h (8.9 kW)
Average overall efficiency : (5)	56.2 % (HHV) (6) 60.8 % (LHV) (7)

Optimum efficiency : [8] [9]	75 %
Burn rate :	1.1 - 5.5 lb/h
Average particulate emissions rate : [10]	2.18 g/h
Average CO : [11]	122.8 g/h
Average electrical power consumption for ignition cycle : [12]	3.0A (360W)
Average electrical power consumption for continuous operation : [12]	1.8A (216W)

[1] Values are as measured per CSA B415.1-10, except for the recommended heating area, hopper capacity, maximum burn time and maximum heat input rate. Results may vary depending on pellet quality, density, length, and diameter.

[2] Grades of pellet fuel are determined by organizations such as Pellet Fuels Institute (PFI), ENplus and CANplus.

[*] Recommended heating area and maximum burn time may vary subject to location in home, chimney draft, heat loss factors, climate, fuel type, feed rate, fuel level, and other variables. The recommended heated area for a given appliance is defined by the manufacturer as its capacity to maintain a minimum acceptable temperature considering that the space configuration and the presence of heat distribution systems have a significant impact in making heat circulation optimum.

[3] Based on the maximum burn-rate and a dry energy value of pellet at 8,600 BTU/lb.

[4] As measured per CSA B415.1-10 stack loss method.

[5] Efficiency based on radiated and delivered heat when allowing cycling from high to low burn to simulate thermostat demand.

[6] Higher Heating Value of the fuel.

[7] Lower Heating Value of the fuel.

[8] Performances based on a fuel load prescribed by the standard at 7 lb/ft^3 and with a moisture content between 19% and 25%.

[9] Optimum overall efficiency at a specific burn rate (LHV).

[10] This appliance is officially tested and certified by an independent agency.

[11] Carbon monoxyde.

[12] Unless stated otherwise, measures were taken directly at the main power source and include all

electrical components present in the appliance.

GENERAL FEATURES

Combustion Technology	**Bottom-feed**
Noise level at 6 feet	**53 dBa (+/- 3 dBa) - 55 dBa (+/- 3 dBa)**
Recommended chimney diameter	**3"**
Baffle type	**Stainless steel**
Approved for a mobile home installation	**Yes**
Weight	**430 lb (195 kg)**
Door type	**Single, glass with cast iron frame**
Glass type	**Ceramic glass**
Glass surface – dimensions (Width X Height)	**13 1/8" x 10 7/8"**
Overall dimension (Height)	**36 1/2"**
Overall dimension (Width)	**23 5/8"**
Overall dimension (Depth)	**31 1/2"**
Centre line of flue outlet to the side	**4 5/8"**
Centre line of flue outlet to the back	**11 7/8"**
Voltage and frequency	**120VAC - 60 Hz**
Main control board fuses	**7.5A-250V**
USA standard (emissions)	**EPA Method 28**
Canadian standard (emissions)	**CSA B415.1-10**

USA standard (safety)	**UL 1482, ASTM E1509**
Canadian standard (safety)	**ULC S627**
Tested and listed as per applicable standards	**By an accredited laboratory (CAN/USA)**
Warranty	**Limited lifetime**

CUSTOMER SERVICE

1-877-356-6663
Monday - Friday
8 a.m. to 12 p.m. - 1 p.m. to 5 p.m. (EST)

GOVERNMENT INCENTIVES

Tax credits or government incentives may apply to our products