

# PI1010A

## SPECIFICATIONS

Model	PI1010A (catalytic)
Overall height and width (incl. shroud)	28 3/4" x 43 1/8" (731 mm x 1096 mm)
Width of firebox enclosure (behind shroud)	25 3/4" (654 mm)
Width of fan housing to thermostat housing	35 3/4" (908 mm)
Overall depth and height (firebox + conv. deck)	25 1/8" x 23 1/8" (639 mm x 588 mm)
Flue collar size and distance from shroud back	6" I.D., 8 3/4" (223 mm)
Recommended flue draft	.05" water column (on high burn)
Fire door opening	16 3/8" x 8 3/4" (416 mm x 223 mm)
Firebox depth	18 1/2" (470 mm) brick to brick, 20 1/2" (521 mm) brick to glass
Firebox width	18 3/4" (477 mm)
Firebox height	13 1/8" (334 mm)
Fire box capacity	2.54 cu. ft.
Recommended Fuel length	16" max. (407 mm)
Wood capacity (approximate):	White oak - 60 lbs. (27.22 kg)
	Fir - 40 lbs. (18.14 kg)
Construction	10 gauge & 1/4" firebox, brick lined.
Shipping Weight (Firebox only)	325 lbs. (148 kg)
Chimney recommendation (Minimum)	15' from stove top to chimney cap: Insulated liner recommended

This unit was tested and listed UL 1482 and ULC S628-93 by OMNI-Test Laboratories.

This manual describes the installation and operation of the Princess PI1010A catalytic equipped wood heater.

This heater is certified to comply with the 2015 U.S. Environmental Protection Agency's particulate emission limits for wood heaters sold after May 15, 2015.

Under specific test conditions this heater has been shown to deliver heat at rates ranging from 9300 to 31200 Btu/hr. This wood heater has a manufacturer-set minimum low burn rate that must not be altered. It is against federal regulations to alter this setting or otherwise operate this wood heater in a manner inconsistent with operating instructions in this manual.

This wood heater contains a catalytic combustor, which needs periodic inspection and replacement for proper operation. It is against federal regulations to operate this wood heater in a manner inconsistent with operating instructions in this manual, or if the catalytic element is deactivated or removed.

The combustor supplied with this heater is a Z4400G ceramic combustor. Consult the catalytic combustor warranty also supplied with this wood heater. Warranty claims should be addressed to:

in Canada	in USA
Blaze King Industries / Valley Comfort Systems Warranty Department, 1290 Commercial Way Penticton, BC Canada V2A 3H5, Ph: 250-493-7444	Blaze King Industries Warranty Department, 146A Street Walla, Walla, Washington 99362, Ph: 509-522-2730

EMISSIONS	CO Average(%)	g/hr
Low Burn	0.19	0.42
Med-low Burn	0.24	2.42
Med-high Burn	0.1	2.57
High Burn	0.38	3.15