

HAMPTON® Hi2450

Medium Non-Catalytic Wood Insert



Hi2450 shown with regular faceplate in metallic black.

This Hampton medium cast iron wood insert adds the timeless beauty of cast iron while eliminating drafts from an open fireplace and adding a high-efficiency heater to your home. Choose from two colors, in different finishing to compliment your existing décor.

FEATURES

- Cast iron exterior provides additional radiant heating
- Wood-finished handle
- Heavy-duty cast hinges that will never bend or break
- Solid forged steel adjustable cam lock ensures a tight door seal over time
- Side-mounted air adjustment
- High-performance brick-lined firebox reflects heat
- Non-obtrusive air wash curtain keeps glass clean

OPTIONS

- Metallic black or timberline brown enamel finish
- 2-speed blower
- Regular or oversize faceplate
- Decorative cast iron grille
- Power outlet conversion
- Regency stainless steel flex liner kits (5.5" DIA) in 25 ft. and 35 ft. lengths
- Wrap insulation kits
- Flue connectors

SPECIFICATIONS

Maximum BTU*	75,000
Typical sq. ft. heated**	1,000 - 2,200
EPA Efficiency	72% LHV / 67% HHV
Max log size	18"
Burn time	Up to 10 hours
Emissions	1.4 g/h
Firebox size	2.3 cu. ft.
Flue size	6"

MIN. FIREPLACE OPENING

Width (front) x Height	25" x 21-1/2"
Depth (standard flue adapter)	17"
Depth (offset flue adapter)	--

NOTE: The ember protection shown in these images may not accurately reflect the ember protection dimensions required for your area.

* Length of burn time and BTU range depend on type of wood, moisture content, climate conditions and installation. Refer to page 18 for BTU calculation method.

** Varies depending on home floor plan, house layout, heat loss of the house and quality/moisture content of wood.

Our Newest Wood Insert:

Welcome to the world of warmth, elegance, and unparalleled craftsmanship. Designed to transform your fireplace into a captivating focal point, the i3000 blends timeless beauty with modern functionality, offering the perfect balance of form and function.



Unmatched Versatility: Whether you prefer a classic aesthetic or a sleek, contemporary look, our wood insert is designed to complement any style of décor. With a variety of finishes and designs to choose from, you can easily customize your insert to suit your personal taste.

CHOOSE YOUR LOOK



SURROUND
(PREMIUM OR TRADITIONAL)

FACEPLATE
(CONTEMPORARY,
CLASSIC OR ARCHED)

DOOR STYLE
(CONTEMPORARY OR CLASSIC)

The surround slips over the faceplate.

PREMIUM FEATURES



Edge to Edge
Frameless Glass
Door



Smooth
Contemporary
Refractory Panels
(included)



Door is Flush
With Faceplate

FRONT OPTIONS



Contemporary
Faceplate



Oversize Contemporary
Faceplate



Classic Faceplate



Oversize Classic
Faceplate



Arched Faceplate

PREMIUM SURROUNDS*



Black



White



Sunset Bronze



Grey



Brushed Nickel

TRADITIONAL SURROUNDS*



Black



Brushed Antique Copper

CUSTOM FACEPLATE



Custom 3-sided Faceplate

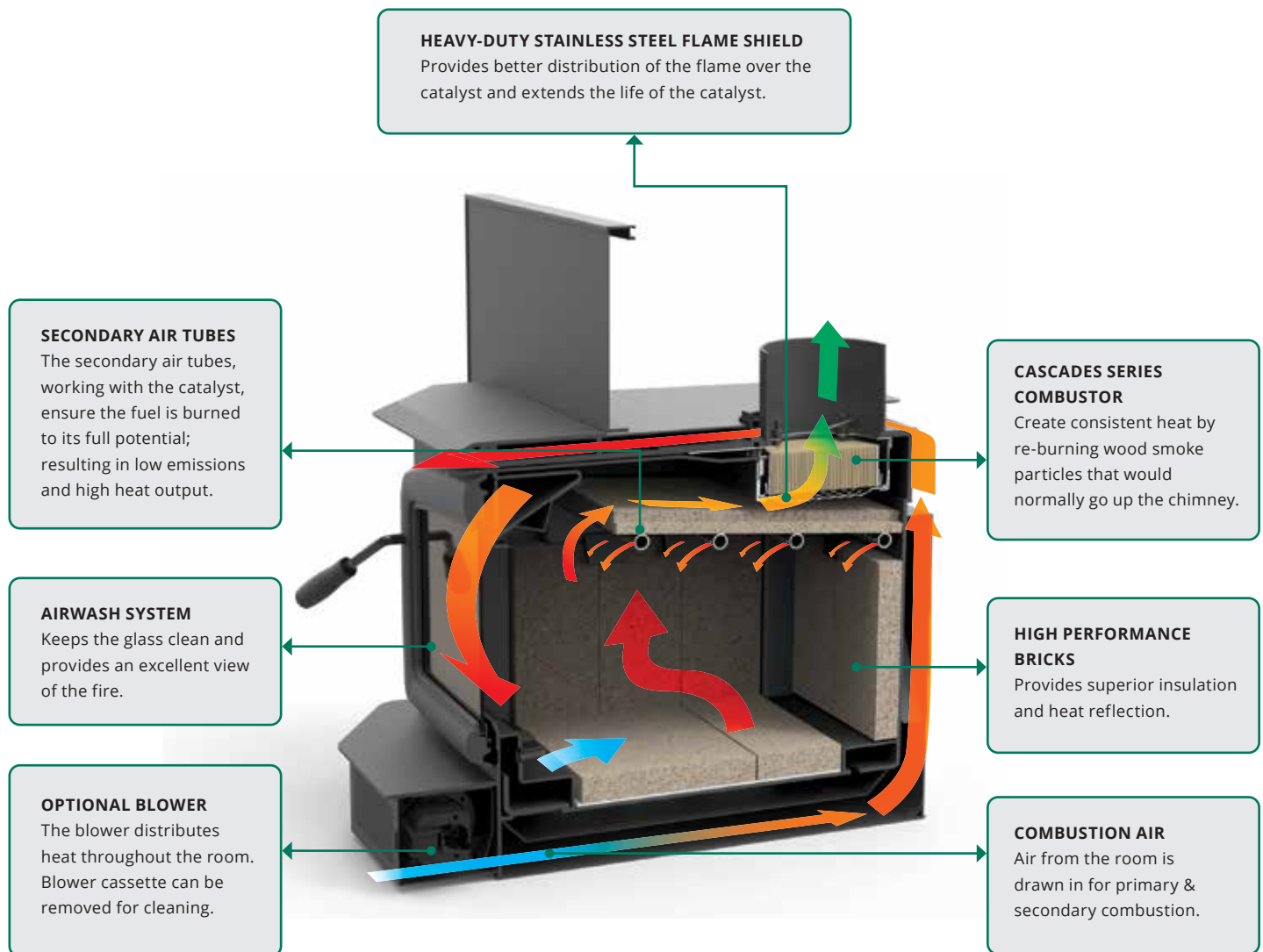
*NOTE: Surrounds will reduce your minimum fireplace opening size. Refer to manual for more information.

Premium or Traditional Surrounds can only be used with Contemporary or Classic Faceplates.

WOOD TECHNOLOGY

CASCADES SERIES COMBUSTOR

Triple stage burn technology delivers a system of high-efficiency, clean combustion & maximum heat control, all with less wood, less loading & less effort.



NOT SHOWN IN THE DIAGRAM

HEAVY-DUTY CAM LATCH
Ensures airtight seal for controlled airflow.

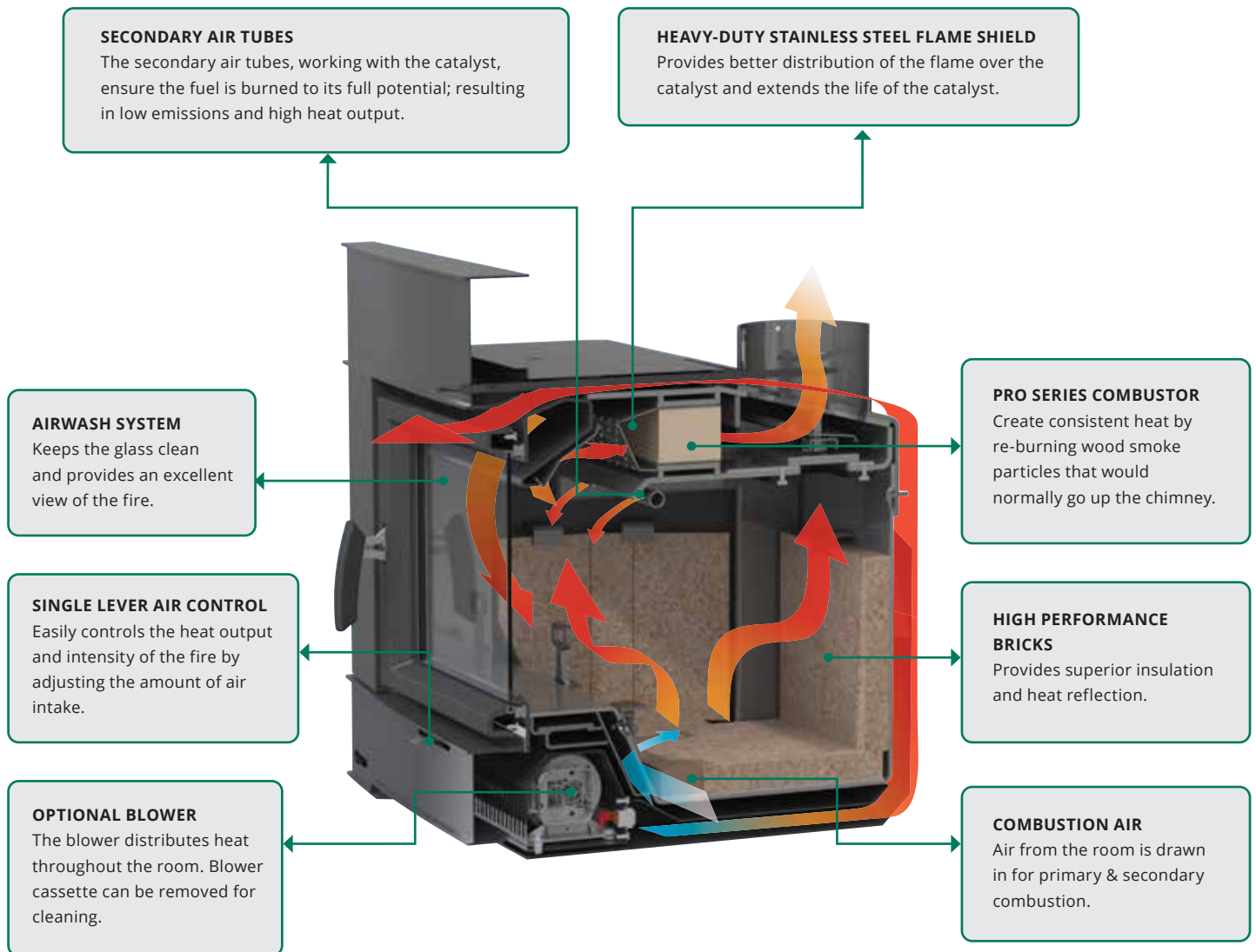
LEARN MORE ABOUT OUR
WOOD TECHNOLOGIES AT
regency-fire.com/videos



WOOD TECHNOLOGY

PRO SERIES COMBUSTOR

With Eco-Boost technology you get more out of your wood. Offering some of the highest efficiencies available anywhere, the Eco-Boost system uses more of the available energy in the wood, resulting in less loading, less chopping, and less hauling. The triple-stage burn significantly reduces emissions below EPA 2020 standards.



NOT SHOWN IN THE DIAGRAM

HEAVY-DUTY CAM LATCH
Ensures airtight seal for controlled airflow.

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ACCESSORIES

CAST IRON DOORS (Classic & Cascade Series only)



Black cast iron door
(includes black hinge caps)



Nickel accent cast iron door
(includes nickel hinge caps)



Contemporary door

POWERFUL BLOWER



This powerful blower can dramatically increase the circulation of heat in your home. It includes an automatic heat sensor which turns the blower on & off at predetermined temperatures.

SPECIFICATION RECAP

SPECIFICATIONS	Hi1150 / Ci1150 / i1150	i1500	i2450	i2500	Hi2450	Hi500 / Ci2700	i3000
Maximum BTU*	55,000	55,000	75,000	83,000	75,000	78,000	85,000
Typical sq. ft. heated**	600 - 1,200	600 - 1,200	1,000 - 2,200	1,000 - 2,200	1,000 - 2,200	up to 2,600	up to 2,600
EPA Efficiency	77% LHV 71% HHV	84% LHV 78% HHV	72% LHV 67% HHV	85% LHV 78% HHV	72% LHV 67% HHV	83% LHV 77% HHV	84% LHV 78% HHV
Max log size	18"	18"	18"	18"	18"	22"	20"
Burn time*	Up to 8 hours	Up to 10 hours	Up to 10 hours	Up to 12 hours	Up to 10 hours	Up to 14 hours	Up to 14 hours
Emissions	1.3 g/h	1.0 g/h	1.4 g/h	1.4 g/h	1.4 g/h	1.1 g/h	.95 g/h
Firebox size	0.98 cu. ft.	0.98 cu. ft.	2.3 cu. ft.	2.3 cu. ft.	2.3 cu. ft.	2.6 cu. ft.	3.0 cu. ft.
Flue size	6"	6"	6"	6"	6"	6"	6"
Biomass Tax Credit Eligible		✓		✓		✓	✓

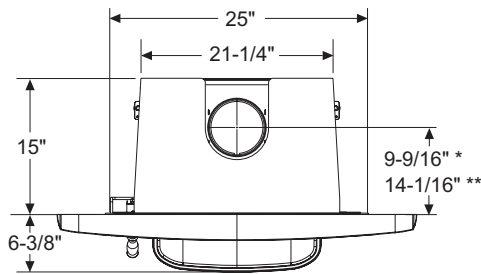
* Length of burn time and BTU range depend on type of wood, moisture content, climate conditions and installation.

** Varies depending on home floor plan, house layout, heat loss of the house and quality/moisture content of wood.

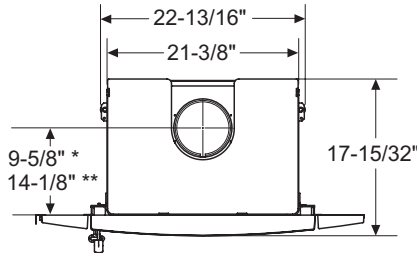
BTU CALCULATION METHOD: Max BTUs are calculated by taking an average fillable volume of 95% of the stove's capacity, multiplied by 19.5 pounds per square foot and an average of 9100 BTUs per pound of wood. Factoring in the listed efficiency, 15% moisture content and dividing by the proven burn time at the high heat setting.

SPECIFICATIONS

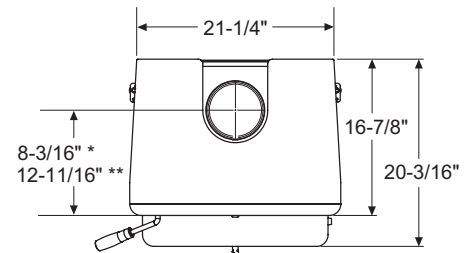
TOP VIEW



Hi1150

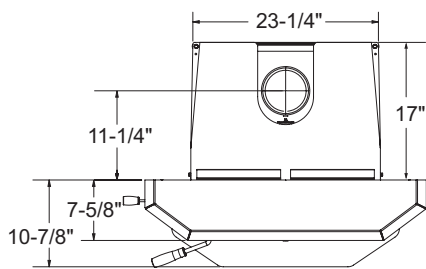


Ci1150

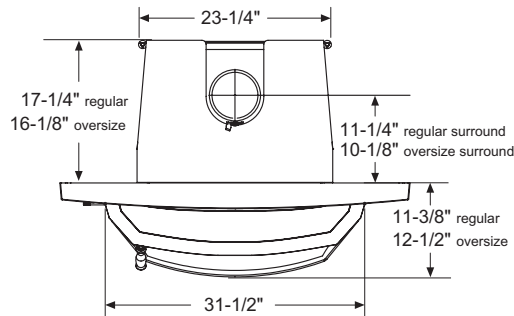


i1150 / i1500

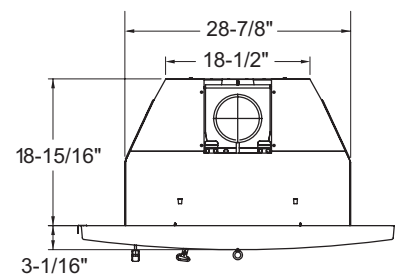
* with standard flue adapter ** with offset flue adapter



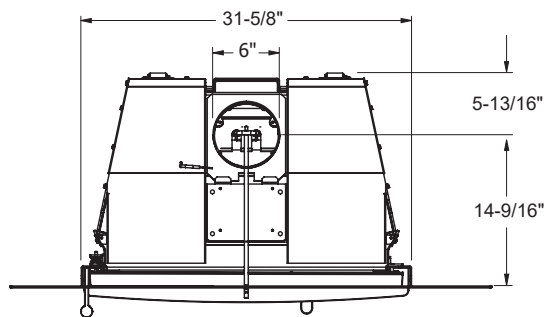
i2450 / i2500



Hi2450



Ci2700* / Hi500



i3000

DIMENSIONS	Hi1150	Ci1150	i1150 / i1500	i2450 / i2500 / Hi2450	Ci2700* / Hi500	i3000
Firebox Height	18-13/16"	22-1/8"	18-3/4"	20-3/4"	21-1/2"	24"
Height to Top of Flue Collar	19-1/2"	22-13/16"	19-1/2"	21-3/8"	23-1/2"	23-1/2"
Faceplate (W x H)	39-13/16" x 27-1/4"	35-15/16" x 25-3/4"	38" x 26-3/8"	40" x 30"	40" x 26"	40" x 26"
Oversize Faceplate (W x H)	--	--	44" x 30-3/8"	48" x 33"	--	--
Backing Plate (W x H)	--	40" x 29-1/2"	--	--	44" x 29-7/8"	44" x 29-7/8"
Oversize Backing Plate (W x H)	--	--	--	--	48" x 33-7/8"	48" x 33-7/8"

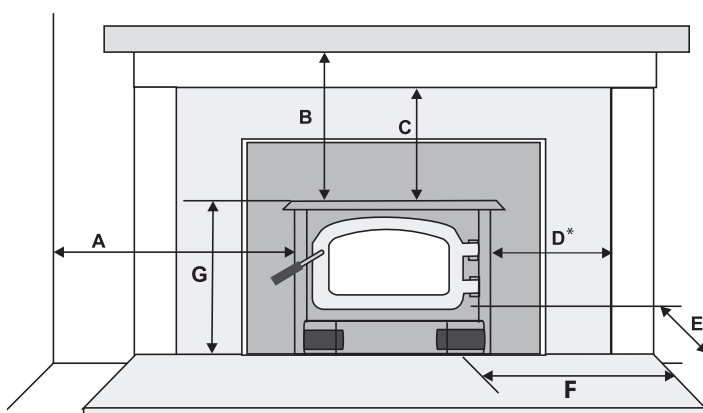
*These dimensions only apply to Low Profile & Contemporary Faceplate.

DISCLAIMER: Please always refer to the manual for the latest up to date installation details.

SPECIFICATIONS

MIN. FIREPLACE OPENING	Hi1150	Ci1150	i1150 / i1500	i2450 / i2500 / Hi2450	Ci2700 / Hi500	i3000
Height	19-5/8"	23"	19"	21-1/2"	21-3/4"	24"
Width (front)	25"	25"	23"	25"	29"	32"
Depth (with standard flue adapter)	15"	15-1/8"	13-3/4"	17"	19"	21"
Depth (with offset flue adapter)	18-1/16"	18-1/8"	16-1/2"	--	--	--

*Surrounds will reduce your minimum fireplace opening size. Refer to manual for more information



MASONRY FIREPLACE CLEARANCES

The minimum required clearances to combustible materials when installed into a masonry fireplace are listed below for 3.5"*** mantle:

UNITS	ADJACENT SIDE WALL (TO SIDE)*	MANTLE*	TOP FACING*	SIDE FACING*	MIN. HEARTH EXTENSION		MINIMUM HEARTH SIDE EXTENSION	TO TOP OF UNIT
	A	B	C	D	E (USA)	E (CAN)	F	G
Hi1150	15"	20"	14"	7-7/8"	16"	18"	8"	19"
Ci1150	15"	20"	14"	7-3/8"	16"	18"	8"	20-1/2"
i1150 / i1500	15"	15"	14"	1/2"	16"	18"	8"	18-3/4"
i2450 / i2500	12"	i2450 = 17" i2500 = 17-1/4"	i2450 = 14" i2500 = 16"	1/2"	16"	18"	8"	i2450 = 20" i2500 = 20-3/4"
Hi2450	12"	17"	14"	1/2"	16"	18"	8"	21-5/8"
Ci2700 / Hi500	12-3/16"	21-5/8"	14"	7-3/8"	16"	18"	8"	19-1/4"
i3000	15-1/2"	15"	13-3/4"	11-3/4"	16"	18"	8"	23-1/2"

* Measured from side/top of appliance/door/surround depending on model.

*** NOTE: Refer to manual for any mantle greater than 3.5" up to a maximum of 12"

DISCLAIMER: Please always refer to the manual for the latest up to date installation details.

SPECIFICATIONS

FIREPLACE SELECTION WORKSHEET

We want you to enjoy your beautiful Regency fireplace for years to come. To help you figure out which product is just right for your home, fill in the following worksheet. Once complete, visit your nearest Regency dealer. Your professional Regency dealer will assess your needs - including local building codes - and install your Regency!

1. BASIC PRODUCT FUNCTION QUESTIONS

- a. I would like my unit to provide me with: ☐ Supplemental heating ☐ Priority heating
- b. The room/rooms I would like to heat are: _____ sq. ft.

2. FIREPLACE PRODUCT TYPE AND MEASUREMENTS

- a. I am: ☐ Installing a new fireplace ☐ Installing into an existing fireplace
- b. Fill in the following measurements:
- Ceiling Height: _____
- Location in the room: _____
- c. What is the:
- Flooring material: _____
- Wall material: _____
- Ceiling material: _____
- d. Fireplace opening dimensions:
- Width (front): _____
- Width (back): _____
- Height: _____
- Depth: _____

