



2024 PRODUCT INFORMATION





To strive to make the most competitive and highest quality products available. Traditional craftsmanship defines each product from wood and anthracite cookstoves to custom metal fabrication. With a goal of high efficiency and low maintenance, DS products are built to last a lifetime. With four divisions, Stove Manufacturing, Retail, Wholesale, and Custom Fabrication, DS strives for excellence in everything they produce.

Enjoy A Lifetime of Reliable Heating & Cooking!





HECO Cookstoves

HECO SHOWN WITH 3 PANEL POLISHED STEEL STOVETOP, GLASS DOORS & WARMING CLOSET W/ SHELF
The warming closet adds style & presence. Enclosed storage has numerous uses and will keep items warmer than a shelf alone.



3 Panel Polished Steel

Removable stovetop for full access cleaning. Panels will turn a golden blue color with use.



Solid Polished Steel

Welded to stove body w/ 2 access lids for cleaning. Stovetop will turn a golden blue color with use.



3 Panel Porcelain Enamel

Removable stovetop for full access cleaning. Panels match the stove body for a clean look.



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Glass Oven Door

Added style for your HECO.
Allows for a great view of your food.



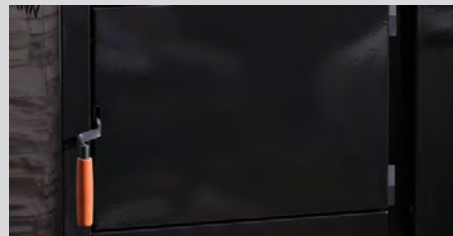
Solid Oven Door

A sleek & simple look that retains more heat for the serious baker.



Glass Fire Door

A wonderful view of your fire. Allows more heat to radiate into your room.



Solid Fire Door

A sleek & simple look that retains more heat inside fire box.



Warming Shelf

Classic styling that helps keep items warm. *Warming Closet w/ Shelf is featured on previous page & cover.



Optional Accessories



Summer Grate

Designed for wood burning only.
For using stovetop & oven during warmer weather.

Rear Heat Shield

Added protection from combustibles.
Allows back of stove to be 12" from wall.



22 Gallon Water Reservoir

Warm water when you need it.



Coil Kit For Water Reservoir

Allows circulation through coil in fire box for hotter water. When in use, water must be replenished to avoid overheating & damaging coil.



Hot Water Options

Whether using the 22 gallon water reservoir or a range boiler, the HECO has you covered in the event of a power outage or off-grid use.



Floor Protection Mat

Provides proper protection and size requirements for combustible floors.
48" x 64" Textured Black (UL Listed)



SPECIFICATIONS

Model Number	520	420
Fuel	Wood or Anthracite	Wood or Anthracite
Heating Area (Recommended)	2,500 sq. ft.	2,000 sq. ft.
BTU Rating	90,000	72,000
Efficiency	83.3%	83.3%
Firebox (WxDxH)	16" x 19" x 17"	12" x 19" x 17"
Fire Box Opening (WxH)	16" x 9.5"	12" x 9.5"
Fire Door (WxH)	19" x 13.5"	14.75" x 13.5"
Fire Door Viewing Area (WxH)	14.25" x 8.75"	10" x 8.75"
Oven (WxDxH)	18" x 21" x 13"	18" x 21" x 13"
Oven Door (WxH)	21" x 15.75"	21" x 15.75"
Oven Door Viewing Area (WxH)	16" x 10.75"	16" x 10.75"
Ash Pan (WxDxH)	15.5" x 19.25" x 3.5"	11.5" x 19.25" x 3.5"
Ash Door (WxH)	19" x 8.25"	14.75" x 8.25"
Stove w/ Handles (WxD)	51.5" x 33.25"	47.25" x 33.25"
Stovetop Surface (WxD)	46.5" x 21"	42.25" x 21"
Height To Stovetop	35.25"	35.25"
Height To Warming Shelf	53.5"	53.5"
Height To Warming Closet w/ Shelf	62.5"	62.5"
Height To Exhaust	35.25"	35.25"
Exhaust	7"	6"
Standard Weight	840 lbs.	775 lbs.
U.L. Tested*	Yes	Yes
Warranty	Limited Lifetime	Limited Lifetime

CLEARANCE FROM COMBUSTIBLES

Front	48"	48"
Back	18"	18"
Back w/ Heat Shield	12"	12"
Left Side	18"	18"
Right Side	12"	12"
Corner	10"	10"
Ceiling	36"	36"
Single Wall Stovepipe	18"	18"
Double Wall Stovepipe	6"	6"
Floor Protection Minimum (WxD)	62" x 48"	58" x 48"

* Safety Tested to UL #1482 & CAN / ULC #S627

All units require a Class "A" all fuel chimney. Installation must conform to state and local codes.



Wood Rack

Model #WR2043

FEATURES:

- Hooks For Tools
- Adjustable Length
- Powder Coated Finish
- DS HECO Flame Accents
- Heavy Duty Construction



DIMENSIONS:
30.5"H x 12"W x 20.5" - 43"L





Anthra-Glo

You control the amount of heat thanks to DS Thermo Smart-Fire Technology that uses thermocouples to control the burn rate. The Anthra-Glo can be manually set with controls on the stove or paired with a wall mounted smart thermostat to maintain the perfect temperature!

FEATURES

- Burns Anthracite Rice
- DS Thermo Smart-Fire Technology (TSFT)
- Direct Vent
- Automatic Out Fire Shut Off
- 175 lb. Stainless Steel Hopper
- Large Ash Pan
- Large Glass View w/ Airwash
- Smart Thermostat Compatible
- Optional Battery Backup
- Manufactured In Lancaster County, PA

Direct Vent is recommended for venting.

Installation must conform to state and local codes.

* Safety Tested to UL #1482-11, ULC #S627-20, and ASTM #E1509-17

SPECIFICATIONS

Model Number	AG65
Fuel	Anthracite Rice
Heating Area (Recommended)	500 - 2,500 sq. ft.
BTU (Approx)	65,000
Fire Door Size (WxH)	21" x 17"
Ash Door Size (WxH)	21" x 13"
Ash Pan Size (WxDxH)	20" x 11" x 9"
Hopper Capacity	175 lbs.
Rear Exhaust Size	4"
Floor To Center of Rear Exhaust	8.25"
Convection Blower CFM	131
Overall Size (WxDxH)	26" x 27" x 40.25"
Weight	440 lbs.
U.L. Tested*	Yes
Warranty	5 Year Limited Burner - 1 Year Components - 1 Year Electrical - 1 Year



Anthra-Max

Efficiency and function is the focus of the Anthra-Max. Designed for the first floor or basement, the Anthra-Max is more than a great looking stove, it will heat your entire home without breaking a sweat!

FEATURES

- Burns Anthracite
- DS Hot Air Draft Regulator
- Reburn Baffle System
- Gravity Fed Hopper
- Front Loading Option
- Large Glass View w/ Airwash
- Airtight Cast Iron Doors
- Heat Exchanger Tubes To Maximize Efficiency
- Superior Cast Iron Shaker Grates
- Dust-Free Exterior Shaker Handle
- Removable Firebrick Retainers
- Gravity Fed Hopper
- Extra Wide Ash Pan
- Constructed From Heavy Plate Steel
- Manufactured In Lancaster County, PA



XV14 Shown w/ Living Room Style Sheet Metal & Optional Top Cover Lid

Also shown is the reburn baffle system in action. Gases from anthracite are being burned off creating a cleaner burn, more heat, less ash, and less clinkers. The reburn effect will not look like this most of the time.

All units require a Class "A" all fuel chimney.

Installation must conform to state and local codes.

* Safety Tested to UL #1482, UL #391, ETLM 78-1, and CAN / CSA B-366.1



SPECIFICATIONS

Model Number	XV14	XV15	XV16
Fuel	Anthracite	Anthracite	Anthracite
Heating Area (Recommended)	500 - 1,400 sq. ft.	1,000 - 2,000 sq. ft.	1,500 - 2,500 sq. ft.
BTU (Approx)	55,000	72,000	105,000
Efficiency	82.8%	82.8%	82.8%
Fire Box (WxDxH)	16" x 12" x 14"	16" x 16" x 14"	16" x 20" x 14"
Fire Box Height To Hopper	11.5"	11.5"	11.5"
Fire Box Volume	1.55 cu. ft.	2.0 cu. ft.	2.60 cu. ft.
Fire Door (WxH)	18.25" x 11.75"	18.25" x 11.75"	18.25" x 11.75"
Ash Pan (WxDxH)	18" x 12" x 3.5"	18" x 16" x 3.5"	18" x 20" x 3.5"
Ash Door (WxH)	19" x 5.25"	19" x 5.25"	19" x 5.25"
Hopper Capacity	40 lbs.	40 lbs.	40 lbs.
Total Capacity w/ Hopper	85 lbs.	110 lbs.	130 lbs.
Hopper Door (WxD)	11.75" x 8.5"	11.75" x 8.5"	11.75" x 8.5"
Rear Exhaust	6" (32.25" To Center)	6" (32.25" To Center)	6" (32.25" To Center)
Optional Blower Max CFM	125	125	125
Optional Top Cover Lid	Available	Available	Available
Optional Step Top	N/A	Available	Available
Size w/ Living Room SM (WxDxH)	28.5" x 22.5" x 39.5"	28.5" x 26.5" x 39.5"	28.5" x 31.5" x 39.5"
Size w/ Basement SM (WxDxH)	N/A	34.5" x 26.5" x 39.5"	34.5" x 31.5" x 39.5"
Weight	490 lbs.	590 lbs.	650 lbs.
U.L. Tested*	Yes	Yes	Yes
Warranty	5 Year Limited	5 Year Limited	5 Year Limited



XV15 Shown w/ Living Room Style Sheet Metal & Optional Step Top



XV16 Shown w/ Basement Style Sheet Metal



Anthra-Max Fireplace Insert

Efficiency and function is the focus of the FP16. Designed to be installed into an existing masonry or factory built fireplace, the FP16 enhances the look of your room and heats large spaces without breaking a sweat!

FEATURES

- Burns Anthracite
- DS Hot Air Draft Regulator
- Easy Liner Attachment From Inside Fire Box
- Reburn Baffle System
- Front Loading Option
- Large Glass View w/ Airwash
- Airtight Cast Iron Doors
- Superior Cast Iron Shaker Grates
- Dust-Free Exterior Shaker Handle
- Removable Firebrick Retainers
- Gravity Fed Hopper
- Extra Wide Ash Pan
- Constructed From Heavy Plate Steel
- Manufactured In Lancaster County, PA

All units require a Class "A" all fuel chimney.
Installation must conform to state and local codes.

* Safety Tested to UL #1482, ULC #S628, and ETLM 78-1

SPECIFICATIONS

Model Number	FP16
Fuel	Anthracite
Heating Area (Recommended)	1,000 - 2,000 sq. ft.
BTU (Approx)	90,000
Efficiency	82.8%
Fire Box (WxDxH)	16" x 18" x 11"
Fire Box Height To Hopper	9.5"
Fire Box Volume	1.8 cu. ft.
Fire Door (WxH)	18.25" x 11.75"
Ash Pan (WxDxH)	15" x 20" x 2.5"
Ash Door (WxH)	19" x 5.25"
Hopper Capacity	20 lbs.
Total Capacity w/ Hopper	80 lbs.
Hopper Door (WxD)	8.75" x 7.5"
Top Exhaust	6"
Vari-Speed Blower Max CFM	220
Overall Size (WxDxH)	25" x 29.75" x 36.5"
Weight	480 lbs.
U.L. Tested*	Yes
Warranty	5 Year Limited



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Comfort Max

The Comfort Max is a perfect blend of style, efficiency and flexibility. It is designed to look like a piece of furniture and provides a large view of the fire. It burns anthracite with low emissions. Controlled by the DS Regulator, the reburn system, and heat exchanger make this unit 92% efficient.

FEATURES

- Burns Anthracite
- DS Hot Air Draft Regulator
- DS Hot Air Circulator System
- Reburn System
- Large Glass View
- Airtight Cast Iron Doors
- Superior Cast Iron Shaker Grates
- Exterior Shaker Handle
- Minimal Dust
- Optional Blower Kit
- Constructed From Heavy Plate Steel
- Manufactured In Lancaster County, PA

SPECIFICATIONS

Model Number	75
Fuel	Anthracite
Heating Area (Recommended)	1,000 - 2,000 sq. ft.
BTU (Approx)	70,000
Efficiency	92%
Fire Box (WxDxH)	19" x 12" x 17.5"
Fire Box Volume	2.3 cu. ft.
Fire Door (WxH)	18" x 12"
Ash Pan (WxDxH)	18" x 15" x 3"
Ash Door (WxH)	19" x 5.5"
Height To Exhaust	39"
Top Exhaust	6"
Optional Blower CFM	160
Overall Size (WxDxH)	26.25" x 25" x 39"
Weight	595 lbs.
U.L. Tested*	Yes
Warranty	5 Year Limited

All units require a Class "A" all fuel chimney.
Installation must conform to state and local codes.

* Safety Tested to U.L. 391, ETL78-1, CAN/CSA B366.1



EnergyMax

The EnergyMax ND110 is designed for high efficiency and a clean burn. The ND110 is perfect to use in the basement to serve as a whole home heater. There is a living room sheet metal option as shown above for a smaller footprint and first floor installation. The EnergyMax ND160 is a basement model designed to heat your entire home using convection. The ND160 also works well in a shop or greenhouse. Controlled by the DS Regulator, the reburn baffle system, and heat exchanger make these units 85% efficient.

FEATURES

- Burns Anthracite
- DS Hot Air Draft Regulator
- Reburn Baffle System
- Glass View w/ Airwash
- Airtight Cast Iron Doors
- Heat Exchanger To Maximize Efficiency
- Superior Cast Iron Shaker Grates
- Minimal Dust
- Optional Blower (#ND110 w/ LRS Only)
- Constructed From Heavy Plate Steel
- Manufactured In Lancaster County, PA

#ND110 Shown Above w/ Living Room Sheet Metal
Also Available w/ Burgundy or Black Basement Sheet Metal



#ND160 Shown w/ Burgundy Basement Sheet Metal
Also Available w/ Black Basement Sheet Metal



Optional Blower Kit For ND110 w/ Living Room Sheet Metal Only.
Domestic Water Loop Available For Both ND110 & ND160.

SPECIFICATIONS

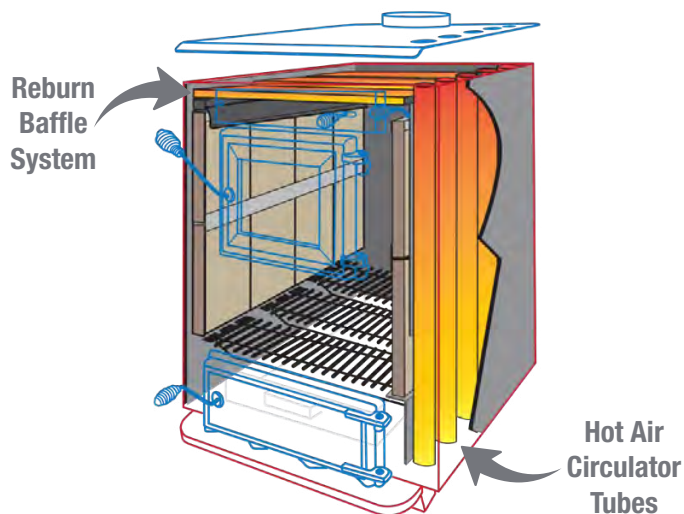
Model Number	ND110	ND160
Fuel	Anthracite	Anthracite
Heating Area (Recommended)	1,200 - 2,400 sq. ft.	2,000 - 3,500 sq. ft.
BTU (Approx)	110,000	160,000
Efficiency	85%	85%
Firebox (WxDxH)	14" x 22" x 20"	16" x 24" x 20"
Firebox Volume	3.6 cu. ft.	4.5 cu. ft.
Fire Door (WxH)	13.75" x 12"	13.75" x 12"
Ash Pan (WxDxH)	15.5" x 21" x 3"	15.5" x 23" x 3.5"
Ash Door (WxH)	16.5" x 5.5"	16.5" x 5.5"
Height To Exhaust	37.25"	41"
Top Exhaust	6"	8"
Optional Blower CFM (LRS Only)	273	N/A
Overall Size (WxDxH)*	33.5" x 33.25" x 37.25"	36" x 36.5" x 41"
Weight	750 lbs.	1,050 lbs.
U.L. Tested**	Yes	Yes
Warranty	5 Year Limited	5 Year Limited

THE DS HOT AIR DRAFT REGULATOR

The DS Regulator is not electrical. It uses two different metals bonded together. The metals expand and contract based on temperature, directing the heat to where it is needed. Mounted directly on the hot surface of the stove, it governs the temperature by opening or closing the draft control. This draft control connects to a specially designed draft intake through which air can enter to increase or decrease the temperature of the fire. The DS Regulator is equipped with a multi-position mechanical control dial.



THE DS HOT AIR CIRCULATOR SYSTEM



Vertical tubes in the firebox increase the heating surface area by approximately 50%. Heat rises inside the tubes, drawing cooler air from the floor. This convection process produces circulation with no need for electrical blowers or fans, meaning even heat throughout your home.

* #110 is 25.625"W if installed with Living Room Style Sheet Metal.

** Safety Tested to U.L. 391, ETLM78-1, CAN/CSA B366.1

All units require a Class "A" all fuel chimney.
Installation must conform to state and local codes.



HeatRight

No need to break the bank. The HeatRight 120 can heat your whole home, shop, or just about any space. The HeatRight is a mid-range quality product, designed for durability, low-cost, and simple operation.

FEATURES

- Burns Anthracite
- DS Hot Air Draft Regulator
- Reburn System
- Airtight Cast Iron Doors
- Superior Cast Iron Shaker Grates
- Exterior Shaker Handle
- Minimal Dust
- Constructed From Heavy Plate Steel
- Manufactured In Lancaster County, PA

All units require a Class "A" all fuel chimney.
Installation must conform to state and local codes.

* Safety Tested to U.L. 391, ETL78-1, CAN/CSA B366.1

SPECIFICATIONS

Model Number	120
Fuel	Anthracite
Heating Area (Recommended)	2,500 sq. ft.
BTU (Approx)	125,000
Efficiency	80%
Fire Box (WxDxH)	16" x 22" x 19"
Fire Box Volume	4.0 cu. ft.
Fire Door (WxH)	11" x 12"
Ash Pan (WxDxH)	15.5" x 21" x 3"
Ash Door (WxH)	16.5" x 5.5"
Height To Exhaust	36.5"
Top Exhaust	6"
Optional Blower	N/A
Overall Size (WxDxH)	25" x 29.75" x 36.5"
Weight	440 lbs.
U.L. Tested*	Yes
Warranty	5 Year Limited

Circulator

Known for its slow burning, the Circulators will heat your home for days. Available in four sizes, they utilize the DS Hot Air Draft Regulator, a non-electric gravity-fed hopper, and the DS Hot Air Circulator System.

FEATURES

- Burns Anthracite
- DS Hot Air Draft Regulator
- Large Glass View
- Airtight Cast Iron Doors
- Superior Cast Iron Shaker Grates
- Exterior Shaker Handle
- Minimal Dust
- Constructed From Heavy Plate Steel
- Manufactured In Lancaster County, PA



Discontinued, Only Available At Select Dealers.



Shown w/ Optional Warming Shelf

SPECIFICATIONS

Model Number	1300WH	1400WH	1500WH	1600WH
Fuel	Anthracite	Anthracite	Anthracite	Anthracite
Heating Area (Recommended)	500 - 1,200 sq. ft.	1,000 - 1,600 sq. ft.	1,000 - 2,000 sq. ft.	1,250 - 2,500 sq. ft.
BTU (Approx)	50,000	80,000	96,000	125,000
Efficiency	78%	78%	78%	78%
Fire Box (WxDxH)	14" x 12" x 16.5"	14" x 16" x 16.5"	16" x 16" x 16.5"	16" x 20" x 16.5"
Fire Box Height To Hopper	10.5"	10.5"	10.5"	10.5"
Fire Box Volume	1.60 cu. ft.	2.14 cu. ft.	2.45 cu. ft.	3.06 cu. ft.
Fire Door (WxH)	16" x 10.5"	16" x 10.5"	16" x 10.5"	16" x 10.5"
Ash Pan (WxDxH)	14.5" x 12" x 3.5"	14" x 16.5" x 3.5"	15.5" x 16.75" x 3.5"	15.5" x 21" x 3.5"
Ash Door (WxH)	16.5" x 5.5"	16.5" x 5.5"	16.5" x 5.5"	16.5" x 5.5"
Hopper Capacity	50 lbs.	50 lbs.	50 lbs.	50 lbs.
Total Capacity w/ Hopper	75 lbs.	90 lbs.	110 lbs.	120 lbs.
Hopper Door (WxD)	11.75" x 8.5"	11.75" x 8.5"	11.75" x 8.5"	11.75" x 8.5"
Rear Exhaust	6" (30.25" To Center)	6" (30.25" To Center)	6" (30.25" To Center)	6" (30.25" To Center)
Optional Warming Shelf	Available	Available	Available	Available
Overall Size (WxDxH)	26" x 20" x 36.75"	26" x 24.5" x 36.75"	28.5" x 26" x 36.75"	28.5" x 30.5" x 36.75"
Weight	400 lbs.	475 lbs.	570 lbs.	648 lbs.
U.L. Tested*	Yes	Yes	Yes	Yes
Warranty	5 Year Limited	5 Year Limited	5 Year Limited	5 Year Limited

All units require a Class "A" all fuel chimney. Installation must conform to state and local codes. * Safety Tested to UL #1482

CoalMaster

Discontinued, Only Available At Select Dealers.

The CoalMaster can heat your entire home using no electricity. The gravity-fed hopper provides up to two days of continuous heat. This basement model features Pyroceramic glass in the fire door for monitoring. The CoalMaster Works great in greenhouses and shops too.

SPECIFICATIONS

Model Number	2100WH
Fuel	Anthracite
Heating Area (Recommended)	1,500 - 3,000 sq. ft.
BTU (Approx)	130,000
Efficiency	80%
Fire Box (WxDxH)	16" x 20" x 20.5"
Fire Box Height To Hopper	12.5"
Fire Box Volume	4.0 cu. ft.
Hopper Capacity	50 lbs.
Total Capacity w/ Hopper	135 lbs.

All units require a Class "A" all fuel chimney.
Installation must conform to state and local codes.
* Safety Tested to U.L. 391, ETL78-1, CAN/CSA B366.1

Fire Door (WxH)	16" x 10.5"
Ash Pan (WxDxH)	15.5" x 21" x 3.5"
Ash Door (WxH)	16.5" x 5.5"
Rear Exhaust	6" (33.25" To Center)
Overall Size (WxDxH)	27.75" x 27" x 40"
Weight	540 lbs.
U.L. Tested*	Yes
Warranty	5 Year Limited



Econo Riteburn

Discontinued, Only Available At Select Dealers.

The Econo Riteburn provides plenty of heat at a reasonable price. It is ideal for shops and greenhouses. Controlled by the DS Hot Air Draft Regulator, the Econo Riteburn is easy to operate and requires low maintenance. It could be the right burner for you.

SPECIFICATIONS

Model Number	1624
Fuel	Anthracite
Heating Area (Recommended)	1,500 - 2,600 sq. ft.
BTU (Approx)	130,000
Efficiency	71.5%
Fire Box (WxDxH)	16" x 24" x 23"
Fire Box Volume	5.1 cu. ft.
Fire Door (WxH)	11" x 12"
Ash Pan (WxDxH)	15.5" x 21" x 3.5"
Ash Door (WxH)	16.5" x 5.5"

All units require a Class "A" all fuel chimney.
Installation must conform to state and local codes.
* Safety Tested to U.L. 391, ETL78-1, CAN/CSA B366.1

Height To Exhaust	36"
Top Exhaust	7"
Optional Blower	N/A
Warming Shelf	Optional
Overall Size (WxDxH)	29.5" x 30" x 36"
Weight	415 lbs.
U.L. Tested*	Yes
Warranty	5 Year Limited





Gas Furnace

The GF74 Hot Air Furnace was designed to heat your home or shop. The controls are simple and it does not require electricity to operate. The multi-level baffle system makes this unit as efficient as possible for a non-condensing gas unit. The duct outlet on top of the furnace is designed to be connected with 12" pipe to a floor grille.

FEATURES

- Burns LP or NG
- Robert Shaw Valve / Standing Pilot
- Non-Electric
- Stainless Steel Burner Tubes
- Multi-Level Baffle System
- Easy Front Panel Access For Controls
- Standard Over-fire Auto-Reset Switch
- Standard 12" Round Duct Outlet
- Built-In Draft Hood
- Optional 12" Duct Booster Fan
- Optional Floor Grille Temp Limit Switch
- Manufactured In Lancaster County, PA

SPECIFICATIONS

Model Number	GF74
Fuel	LP or NG
Heating Area (Recommended)	1,000 - 3,500 sq. ft.
BTU (Approx)	75,000
Efficiency	82.8%
Height To Exhaust	33.5"
Top Exhaust	5"
Gas Valve Hookup Size	1/2" NPT
Valve	Millivolt
Overall Size (WxDxH)	24.5" x 38.6" x 49.7"
Weight	390 lbs.
U.L. Tested*	Yes
Warranty	5 Year Limited Burner - 1 Year Valve - 1 Year Controls - 1 Year

Install on noncombustible floor or use Type 1 hearth pad.

Unit requires a minimum Class "B" chimney.

Installation must conform to state and local codes.

* Safety Tested to ANSI Z21.86-2016, CSA 2.32-2016



Kozy-King

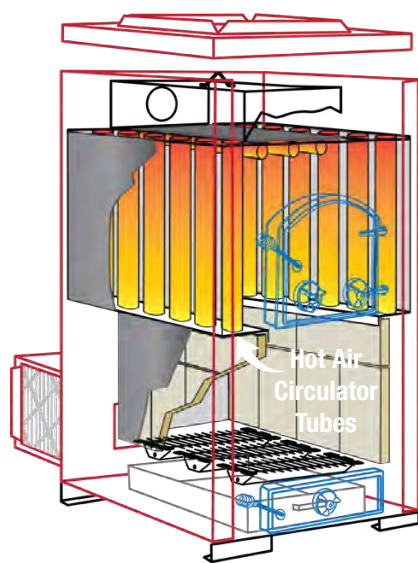
Our goal is to serve your needs with a very efficient, clean burning furnace. The Kozy-King's reburn system and heat exchanger provide maximum efficiency with less fuel. This U.L. Tested anthracite burning furnace is thermostat controlled for even temperature. The Kozy-King comes with a 3-speed blower and a safety features to prevent overheating. The outside cabinet is insulated to minimize heat loss. You can use this unit independently or in conjunction with another furnace. The Kozy-King will heat your whole home, shop, or greenhouse.

FEATURES

- Burns Anthracite
- Hot Air Furnace
- Reburn System
- 80 / 20 Combustion Bypass
- DS Circulator Tubes Throughout Firebox
- Airtight Cast Iron Doors
- Large Fire Door
- Superior Cast Iron Shaker Grates
- Exterior Shaker Handle
- Large Ash Pan
- Minimal Dust
- Thermostat Controlled
- 3 Speed Blower
- 18" x 18" Filter Box w/ Left or Right Inlet
- Clean Air Filter
- Forced Draft
- Safety Control w/ Fan Limit Switch
- Domestic Hot Water Option
- Cast Iron Baffle
- Constructed From Heavy Plate Steel
- Manufactured In Lancaster County, PA



#300-09 Shown Without Filter Box



#300-09 Illustration

THE DS HOT AIR CIRCULATOR SYSTEM

Vertical tubes in the firebox increase the heating surface area by approximately 50%. Heat rises inside the tubes, drawing cooler air from the floor. This convection process produces circulation with no need for electrical blowers or fans, meaning even heat throughout your home. The Kozy-King's convection process adds to the effectiveness of the 3 speed blower. It also allows the Kozy-King to be used in the event of power loss with some minor modifications (See Owner's Manual).



#100-14 Shown With Filter Box

SPECIFICATIONS

Model Number	100-14	300-09	400-09
Fuel	Anthracite	Anthracite	Anthracite
Heating Area (Recommended)	1,200 - 2,000 sq. ft.	2,000 - 3,000 sq. ft.	2,500 - 4,000 sq. ft.
BTU (Approx)	90,000	140,000	205,000
Efficiency	85.1%	85.1%	85.1%
Firebox (WxDxH)	14" x 20" x 24"	16" x 22" x 26.5"	16" x 29" x 26.5"
Firebox Volume	3.9 cu. ft.	5.4 cu. ft.	7.1 cu. ft.
Fire Door (WxH)	11" x 12"	14" x 14.5"	14" x 14.5"
Ash Pan (WxDxH)	14.5" x 21" x 3"	15.5" x 23" x 3.5"	15.5" x 30" x 3.5"
Ash Door (WxH)	16.5" x 5.5"	16.5" x 5.5"	16.5" x 5.5"
Rear Exhaust	6" (42.5" To Center)	8" (47" To Center)	8" (47" To Center)
Plenum Inlet & Outlet	18" x 18"	18" x 18"	18" x 18"
3 Speed Blower CFM	1,100 / 1,350 / 1,650	1,100 / 1,350 / 1,650	1,100 / 1,350 / 1,650
Overall Size (WxDxH)	27.5" x 27" x 47.75"	28.5" x 29" x 53"	28.5" x 36" x 53"
Depth w/ Filter Box	47"	49"	56"
Weight	700 lbs.	838 lbs.	974 lbs.
U.L. Tested*	Yes	Yes	Yes
Insulated Jacket	Standard	Standard	Standard
Warranty	5 Year Limited 1 Year Electrical	5 Year Limited 1 Year Electrical	5 Year Limited 1 Year Electrical

* Safety Tested to U.L. 391, ETLM78-1, CAN/CSA B366.1

All units require a Class "A" all fuel chimney. Installation must conform to state and local codes.

Ecomiser

The Ecomiser was designed to be economical. This U.L. Tested anthracite burning furnace is controlled with a DS Hot Air Draft Regulator, combining with a reburn system for maximum efficiency using less fuel. The Ecomiser can heat a whole home, shop, or greenhouse for less money.



SPECIFICATIONS

Model Number	200-10
Fuel	Anthracite
Heating Area (Recommended)	1,000 - 2,500 sq. ft.
BTU (Approx)	120,000
Efficiency	76.4%
Fire Box (WxDxH)	16" x 24" x 24.5"
Fire Box Volume	5.4 cu. ft.
Fire Door (WxH)	14" x 14.5"
Ash Pan (WxDxH)	15.5" x 23" x 3.5"
Ash Door (WxH)	16.5" x 5.5"

All units require a Class "A" all fuel chimney.
Installation must conform to state and local codes.
Depth w/ Filter Box Installed 50.5"

** Safety Tested to U.L. 391, ETL78-1, CAN/CSA B366.1

Height To Exhaust	44" Center
Rear Exhaust	8"
Plenum Inlet & Outlet	18" x 18"
Blower CFM	965
Overall Size (WxDxH)*	24" x 29.5" x 49.75"
Weight	500 lbs.
U.L. Tested**	Yes
Warranty	5 Year Limited 1 Year Electrical

Stoker Furnace

The Stoker Furnace is an auger-fed stoker with a pot burner designed to burn anthracite rice. Anthracite can be fed from an optional 500 lb. hopper or coal bin. This unit is heavy duty and built to last . Manufactured In Lancaster County, PA.



SPECIFICATIONS

Model Number	SF250
Fuel	Anthracite Rice
Heating Area (Recommended)	1,000 - 2,500 sq. ft.
BTU (Approx)	120,000
Efficiency	76.4%
Fire Box (WxDxH)	16" x 24" x 24.5"
Fire Box Volume	5.4 cu. ft.
Fire Door (WxH)	13.75" x 12"
Ash Pan (WxDxH)	15.5" x 23" x 3.5"
Ash Door (WxH)	16.5" x 5.5"

All units require a Class "A" all fuel chimney.
Installation must conform to state and local codes.
Depth w/ Filter Box Installed 50.5"

** Safety Tested to U.L. 391, ETL78-1, CAN/CSA B366.1

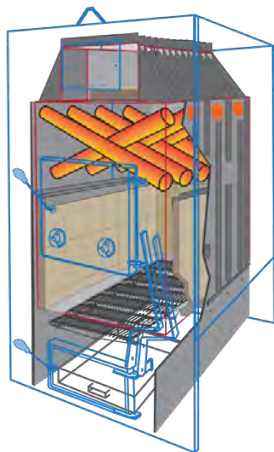
Height To Exhaust	44" Center
Rear Exhaust	8"
Plenum Inlet & Outlet	18" x 18"
Blower CFM	965
Overall Size (WxDxH)*	24" x 29.5" x 49.75"
Weight	500 lbs.
U.L. Tested**	Yes
Warranty	5 Year Limited 1 Year Electrical

GH Blast

The GH Blast Furnace requires no electricity to heat the entire area. Each unit has a powerful heat exchanger combined with the DS Hot Air Circulator System for excellent gravity circulation!



Interior View



DS Hot Air Circulator System



FEATURES

- Specializing in Shop or Greenhouse Applications
- Natural or Forced Draft Options
- Heat Exchanger To Maximize Efficiency
- Constructed From Heavy Plate Steel
- Optional Air Thermostat
- Optional Insulated Outside Fire Door
- Manufactured In Lancaster County, PA



Shown w/ Optional Insulated Outside Fire Door

All units require a Class "A" all fuel chimney. Installation must conform to state and local codes.

SPECIFICATIONS

Model Number	450	300
Fuel	Wood or Anthracite	Wood or Anthracite
Heating Area (Recommended)	Up To 10,000 sq. ft.	Up To 7,000 sq. ft.
Heating Area (Greenhouse)	Up To 4,500 sq. ft.	Up To 3,000 sq. ft.
BTU (Approx)	450,000	300,000
Efficiency (Approx)	80%	80%
Firebox Size (WxD)	24" x 52"	24" x 40"
Firebox Volume	20 cu. ft.	12 cu. ft.
Log Size	48"	36"
Fire Door Size (WxH)	18" x 18"	18" x 16"
Ash Door Size (WxH)	16.5" x 8.5"	16.5" x 8.5"
Top Exhaust Size	10"	8"
Overall Size (WxDxH)	40.5" x 62.5" x 78"	40.5" x 52.5" x 71"
Overall Size w/ Outside Fire Door	40.5" x 81" x 78"	40.5" x 68" x 71"
Outside Door Framing Opening	40.75" x 75.5"	40.75" x 69.5"
Weight	2,425 lbs.	2,000 lbs.
U.L. Tested	No	No
Warranty	5 Year Limited	5 Year Limited



Gas Boiler

Specifically designed for Gravity-Flow or Pump hot water systems, this boiler prioritizes ease of installation. With heat exchange tubes and stainless steel baffles, the GB-150 achieves optimal efficiency for a non-condensing gas unit. The GB-150 can be installed in homes, shops, and greenhouses.

FEATURES

- Burns Liquid Propane or Natural Gas
- Robertshaw Valve / Standing Pilot
- Stainless Steel Burner Tubes
- 304 Stainless Steel Baffle w/ Heat Exchanger Tubes
- Over 5,000 sq. in. of Heat Exchange
- Non-Electric
- Gravity-Flow or Pump Systems
- Easy Access To Controls
- Insulated Metal Jacket
- Manufactured In Lancaster County, PA

SPECIFICATIONS

Model Number	GB-150
Fuel	LP or NG
Heating Area (Recommended)	1,500 - 5,000 sq. ft.
BTU (Approx)	150,000
Efficiency	83.8%
Top Exhaust	6"
Water Capacity	30 Gallons
Inlet / Outlet	2.00"
Gas Valve Hookup	1/2" NPT
Valve	Millivolt
Overall Size (WxDxH)	27" x 33" x 31.25"
Weight	750 lbs.
U.L. Tested*	Yes
Insulated Jacket	Standard
Warranty	5 Year Limited 1 Year Valves 1 Year Burner 1 Year Controls

FEATURES

- Burns Anthracite Rice
- Constructed From Heavy Plate Steel
- Optional 500 lb. Hopper
- Auger-fed Round Fire Pot w/ Floating Design
- Large Glass View
- Airtight Cast Iron Doors
- Right or Left Feed Option
- Large 10"H Ashpan for Longer Burn Time and Optimal Spillage Control
- Variable Speed Blower & Auger
- Optional 4 or 5 GPM Domestic Water Coil
- Heavy Duty Heat Exchanger
- High Efficiency Motors for a Total Power Consumption of 1.7 amps
- Optional Insulated Jacket
- Multiple Easy Access Panels for Maintenance & Cleaning
- Manufactured In Lancaster County, PA



Aqua-Stoke

The Aqua-Stoke It is an auger-fed stoker boiler with a pot burner, designed to burn anthracite rice. It is designed to feed the anthracite from an optional 500 lb hopper or coal bin. This unit is constructed with a "built to last" attitude.

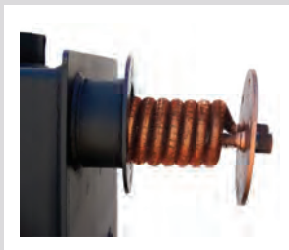
SPECIFICATIONS

Model Number	SB200
Fuel	Anthracite Rice
Heating Area (Recommended)	1,000 - 5,000 sq. ft.
Heating (Greenhouse)	500 - 2,500 sq. ft.
BTU (Approx)	50,000 - 230,000
Efficiency	82.8%
Rear Exhaust	8"
Water Capacity	50 Gallons
Inlet / Outlet	2.00"
Fire Box (WxDxH)	20" x 18" x 18.25"
Burn Pot Size	10"
Fire Door (WxH)	13.75" x 12"
Ash Pan (WxDxH)	22" x 21" x 10"
Ash Door (WxH)	24" x 15.5"
Overall Size (WxDxH)	27" x 40" x 53"
Width w/ Blower & Control Box	43"
500lb. Hopper (WxDxH)	26" x 26" x 48"
Total Width w/ 500lb. Hopper	77.5"
Weight	1,175 lbs. (Base 176 lbs., Boiler 775 lbs., Components 224 lbs.)
U.L. Tested*	Yes
Insulated Jacket	Optional
Warranty	5 Year Limited 1 Year Electrical 1Year Bushings 1 Year Wear-plates

All units require a Class "A" all fuel chimney.
Installation must conform to state and local codes.
* Safety Tested to U.L. 1482, 5627, 39, CSA 8366

Aqua-Gem

This hydronic system requires no electricity to heat water for floor heating, baseboard, freestanding radiators, heat pumps, or domestic water. They work well with new or existing oil or electric boilers. Our boilers circulate water in the front to prevent cracking. Each unit is pressure tested to 120 PSI and has a powerful heat exchanger for maximum efficiency. Constructed from 1/4" steel, the Aqua-Gem boilers easily maintain water temperature and feature a large capacity ash pan. All of our boilers are designed with a superior cast iron grate system and built to last.



The optional 4 or 5 gallon per minute domestic water coil can heat your hot water or work in conjunction with your existing domestic water system saving money over gas, electric, or fuel oil.

SPECIFICATIONS

Model Number	1100	3200	4200
Fuel	Anthracite	Anthracite	Anthracite
Heating Area (Recommended)	1,000 - 2,400 sq. ft.	2,000 - 3,500 sq. ft.	3,000 - 5,000 sq. ft.
BTU (Approx)	100,000	160,000	230,000
Efficiency	78%	78%	78%
Firebox (WxDxH)	16.5" x 19" x 20"	19" x 24" x 25"	19" x 30" x 25"
Firebox Volume	3.6 cu. ft.	6.6 cu. ft.	8.2 cu. ft.
Fire Door (WxH)	11" x 12"	14" x 14.5"	14" x 14.5"
Ash Pan (WxDxH)	15" x 18" x 6"	15.5" x 22" x 6"	15.5" x 28" x 6"
Ash Door (WxH)	16.5" x 9"	16.5" x 9"	16.5" x 9"
Top Exhaust (Standard)	6"	7"	8"
Rear Exhaust (Optional)	6" (39" To Center)	7" (42.5" To Center)	8" (42.5" To Center)
Water Capacity	27 Gallons	40 Gallons	45 Gallons
Inlet / Outlet	4 (1.25")	4 (2.00")	4 (2.00")
Overall Size (WxDxH)	23.5" x 25" x 49.5"	26" x 30" x 53.5"	26" x 36" x 53.5"
Weight	800 lbs.	1,050 lbs.	1,250 lbs.
U.L. Tested*	Yes	Yes	Yes
Insulated Jacket	Optional	Optional	Optional
Warranty	5 Year Limited 1 Year Controls	5 Year Limited 1 Year Controls	5 Year Limited 1 Year Controls



#3200 Shown With Insulated Jacket

- Burns Anthracite
- Safety Tested To U.L. Standards
- Reburn System
- Airtight Cast Iron Doors
- Heavy Duty Cast Iron Grate System w/ External Shaker Handle
- 1/2" NPT Fitting For Temperature Pressure Gauge
- 3/4" NPT Fitting For Aquastat
- 3/4" Fitting For Hot Water
- Draft Regulator
- Large 6" High Ash Pan
- Optional 4 or 5 Gallon Per Minute Domestic Water Coil
- Optional Forced Draft
- Optional Insulated Jacket
- Manufactured In Lancaster County, PA

* Safety Tested to U.L. 391, ETL78-1, CAN/CSA B366.1 All units require a Class "A" all fuel chimney. Installation must conform to state and local codes.

Power Boiler

This hydronic system requires no electricity to heat water for floor heating, baseboard, freestanding radiators, heat pumps, or domestic water. They work well with new or existing oil or electric boilers. Our boilers circulate water in the front to prevent cracking. Each unit is pressure tested to 120 PSI and has a powerful heat exchanger for maximum efficiency. Constructed from 1/4" steel, the Power Boilers easily maintain water temperature and feature large capacity ash pans. All of our boilers are designed with a superior cast iron grate system and built to last.



The optional 4 or 5 gallon per minute domestic water coil can heat your hot water or work in conjunction with your existing domestic water system saving money over gas, electric, or fuel oil.



SPECIFICATIONS

Model Number	5000	6000	7000
Fuel	Wood or Anthracite	Wood or Anthracite	Wood or Anthracite
Heating Area (Recommended)	Up To 7,500 sq. ft.	Up To 10,000 sq. ft.	Up To 12,000 sq. ft.
Heating Area (Greenhouse)	Up To 3,800 sq. ft.	Up To 4,500 sq. ft.	Up To 5,200 sq. ft.
BTU (Approx)	380,000	450,000	520,000
Efficiency (Approx)	80%	80%	80%
Firebox (WxDxH)	24" x 39" x 26"	24" x 45.5" x 26"	24" x 52" x 33"
Firebox Volume	14 cu. ft.	16.4 cu. ft.	23.8 cu. ft.
Log Size	36"	42"	48"
Fire Door (WxH)	18" x 16"	18" x 16"	18" x 18"
Ash Doors (WxH)	16.5" x 8.5"	16.5" x 8.5"	16.5" x 8.5"
Top Exhaust (Standard)	8"	8"	10"
Rear Exhaust (Optional)	8" (50.75" To Center)	8" (50.75" To Center)	10" (56.75" To Center)
Water Capacity	125 Gallons	136 Gallons	175 Gallons
Inlet / Outlet	8 (2.00" NPT)	8 (2.00" NPT)	8 (2.00" NPT)
Overall Size (WxDxH)	33.5" x 46" x 62"	33.5" x 53" x 62"	33.5" x 59" x 72"
Weight	1,950 lbs.	2,100 lbs.	2,500 lbs.
U.L. Tested	No	No	No
Insulated Jacket	Optional	Optional	Optional
Warranty	5 Year Limited 1 Year Controls	5 Year Limited 1 Year Controls	5 Year Limited 1 Year Controls

FEATURES

- Burns Wood or Anthracite
- Pressure Tested 120 PSI
- Specializing In Greenhouses
- Airtight Cast Iron Doors
- Heavy Duty Cast Iron Grate System w/ External Shaker Handles
- 1/2" NPT Fitting For Temperature Pressure Gauge
- 3/4" NPT Fitting For Aquastat
- 3/4" Fitting For Hot Water Draft Regulator
- Large 6" High Ash Pans
- Left or Right Side Rear Ash Door
- Optional Rear Exhaust
- Optional 4 or 5 Gallon Per Minute Domestic Water Coil
- Optional Forced Draft
- Optional Insulated Jacket
- Manufactured In Lancaster County, PA

All units require a Class "A" all fuel chimney. Installation must conform to state and local codes.



Coal Boiler

- Tank Built From 1/4" Plate Steel
- Top Loading
- Rugged Multi-Purpose Boiler
- Comes w/ Hot Water Draft Regulator

SPECIFICATIONS

Model Number	9158C
Fuel	Anthracite
Heating Area (Recommended)	1,000 - 2,400 sq. ft.
BTU (Approx)	105,000
Efficiency	78%
Fire Box (WxH)	18" Diameter x 24"
Fire Box Volume	5.0 cu. ft.
Load Door (WxH)	9.5" x 6.5"
Water Capacity	32 Gallons



Ash Pan (WxDxH)	15.5" x 21" x 3.5"
Ash Door (WxH)	16.5" x 5.5"
Top Exhaust	6"
Overall Size (WxDxH)	29.75" x 32" x 41.5"
Weight	445 lbs.
U.L. Tested*	No
Warranty	5 Year Limited

Bucket-A-Day

- Designed to Heat Domestic Water or Smaller Homes
- Requires Only 30 lbs of Anthracite Per Day
- Tank Built From 304 Stainless Steel
- Detachable Top & Bottom

SPECIFICATIONS

Model Number	151
Fuel	Anthracite
Heating Area (Recommended)	250 - 1,200 sq. ft.
BTU (Approx)	55,000
Efficiency	78%
Fire Box (WxH)	13" Diameter x 16"
Fire Box Volume	2.0 cu. ft.
Load Door (WxH)	9" x 6"
Water Capacity	8 Gallons

- Comes w/ Hot Water Draft Regulator
- Requires a Minimum 40 Gallon Storage Tank



Ash Pan (WxDxH)	15.5" x 16.5" x 3"
Ash Door (WxH)	16.5" x 5.5"
Top Exhaust	6" Oval
Overall Size (WxDxH)	24" x 24" x 30"
Weight	240 lbs.
U.L. Tested*	No
Warranty	1 Year Limited

Coal Veal Boiler

- Designed to Heat Water for Veal Calves
- Feeds Up To 300 Calves
- Tanks Built From 304 Stainless Steel
- Designed To Work w/ 500+ Gallon Tank

SPECIFICATIONS

Model Number	1530
Fuel	Anthracite
Heating Area (Recommended)	500 - 1,800 sq. ft.
BTU (Approx)	73,000
Efficiency	78%
Fire Box (WxH)	15" Diameter x 24"
Fire Box Volume	4.0 cu. ft.
Load Door (WxH)	9.5" x 6.5"
Water Capacity	32 Gallons

- (2) 3" Clean-Out Ports At Bottom of Tank
- This Unit Can Also Be Used For Other Types of Heating



Ash Pan (WxDxH)	15.5" x 21" x 3.5"
Ash Door (WxH)	16.5" x 5.5"
Top Exhaust	6" Oval
Overall Size (WxDxH)	24" x 24" x 35"
Weight	360 lbs.
U.L. Tested*	No
Warranty	1 Year Limited



Square & Deluxe Canners



#2437 Square Canner



#2738 Deluxe Canner

SPECIFICATIONS

Model Number	DS2437	DS2738
Designed For	Wood or LP Burner	Wood or LP Burner
Liquid Capacity (Gallons)	37	48
Quart Jar Capacity	36	38
Construction	Stainless Steel	SS Double Wall*
SS Jar Rack	Standard	Standard
Lockable Valve (1/2")	Standard	Standard
Location Usage	Outdoor Only	Outdoor Only
Exhaust (Includes Stovepipe Holder)	6"	6"
Height Of Water Tank	15"	15.25"
Fire Box Height	14.5"	10.5"
Overall Size (WxDxH)	24" x 24" x 34.75"	27" x 27" x 34.75"
Weight	180 lbs.	282 lbs.

*DS2738 Deluxe Canners have a brick-lined fire box allowing them to heat 50% faster than other units. Deluxe Canners come with 2 hinged lids. Square Canners come with a 1 piece removable lid.

#2530 & #2540 Round Canners



SPECIFICATIONS

Model Number	DS2530	DS2540
Designed For	Wood or LP Burner	Wood or LP Burner
Liquid Capacity (Gallons)	30	40
Quart Jar Capacity	30	30*
Construction	Stainless Steel	Stainless Steel
SS Jar Rack	Standard	Standard
Lockable Valve (1/2")	Standard	Standard
Location Usage	Outdoor Only	Outdoor Only
Exhaust (Includes Stovepipe Holder)	6"	6"
Height Of Water Tank	15"	19"
Fire Box Height	14.5"	13"
Overall Size (H x Diameter)	34" x 25"	36" x 25"
Weight	135 lbs.	140 lbs.

* DS2540 Allows More Room For Taller Containers, Does Not Hold More Quart Size Jars.



Stovetop Canners

#15 Stovetop Canner



Shown with 34,000 BTU #BS40C Ranger II Table Top Burner & Gas Range (Sold Separately, Not Manufactured By DS).

SPECIFICATIONS

Model Number	DSSTC-15
Designed To Fit	Gas Range / Table Top Burner
Liquid Capacity (Gallons)	10.87
Quart Jar Capacity	15
Construction	Stainless Steel
SS Jar Rack	Standard
Lockable Valve (1/2")	Optional
Overall Size (WxDxH)	19.85" x 11.5" x 11"
Weight	18 lbs.

#24 Stovetop Canner



Shown with 60,000 BTU #PRO60X (Left) & #EX60LW (Right) 2 Burner Stoves (Sold Separately, Not Manufactured By DS).

SPECIFICATIONS

Model Number	DSSTC-24
Designed To Fit	2 Burner System
Liquid Capacity (Gallons)	18.4
Quart Jar Capacity	24
Construction	Stainless Steel
SS Jar Rack	Standard
Lockable Valve (1/2")	Standard
Overall Size (WxDxH)	29.5" x 13.75" x 10.5"
Weight	26 lbs.

#70LPG Burner



- 10" Cast Iron Low Pressure LP Burner.
- Adjustable, Max 70,000 BTU.
- Pilot w/ Safety Shut-off.
- Designed To Fit #2530, 2540, 2437, and 2738 Canners.

#DS-SP

- Stainless Steel Stock Pot
- 18"h x 15" diameter
- 13.5 Gallon Capacity
- SS Lid Optional



Which product is right for you?

	First Floor	Basement	Whole Home	Forced Hot Air	Anthracite	Wood	Gas	Freestanding Unit	Hot Water Heating	Greenhouse / Shop
Anthra-Max	•	•	•		•			•		
Anthra-Max Fireplace Insert	•	•	•		•					
Anthra-Glo	•	•	•		•			•		
Aqua-Gem Boilers #1100, 3200, 4200		•	•		•			•	•	•
Aqua-Stoke		•	•		•			•	•	•
Comfort Max	•	•	•		•			•		
Ecomiser		•	•	•	•			•		•
EnergyMax #ND110	•	•	•		•			•		
EnergyMax #ND160		•	•		•			•		•
Gas Boiler		•	•				•	•	•	•
Gas Furnace		•	•				•	•		•
GH Blast					•	•		•		•
HeatRight		•	•		•			•		
HECO Cookstove	•		•		•	•		•		
Kozy-King		•	•	•	•			•		•
Power Boilers #5000, 6000, 7000					•	•		•	•	•
Stoker Furnace		•	•	•	•			•	•	•

See individual product brochures & owners manuals for detailed information.

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Authorized Dealer