



Econo Riteburn

Model #1624



An affordable stove to heat your entire home or workshop

Where Tradition, Craftsmanship and Quality Come First



Since 1980, DS, a family owned business in Lancaster Pennsylvania has made sincere efforts to have the most competitive and the highest quality product available and it shows in the product they manufacture.

Traditional craftsmanship defines each product from wood and coal furnaces to custom metal fabrication. With a goal of high efficiency and low maintenance, along with superior quality, DS products are built to last a lifetime.

With four divisions, Stove Manufacturing, Retail, Wholesale, and Custom/Production Fabrication, DS strives for excellence in everything they produce.

Which DS product is right for you?

	First Floor	Basement	Whole House	Forced Hot Air	Coal	Wood	Gas	Freestanding Unit	Hot Water Heating	Green House/Shop
Anthra-Max	•	•	•		•			•		
Anthra-Max Fireplace Insert	•	•	•		•					
Anthra-Glo	•	•	•		•			•		
Aqua-Gem Boilers #1100 , 3200, 4200		•	•		•				•	•
Aqua-Stoke		•	•		•				•	•
CoalMaster		•	•		•			•		•
Comfort Max	•	•	•		•			•		
DS Circulator	•	•	•		•			•		
Ecomiser		•	•	•	•					•
Econo Riteburn		•	•		•			•		•
EnergyMax #110	•	•	•		•					
EnergyMax #160		•	•		•			•		•
Gas Boiler		•	•				•		•	•
Gas Furnace		•	•				•			•
GH Blast #450				•	•			•		•
HeatRight		•	•		•			•		
Heco Cookstove	•		•		•	•		•		
Kozy-King		•	•	•	•					•
Power Boilers # 5000, 6000, 7000					•	•			•	•
Stoker Furnace		•	•	•	•				•	•

Things to Consider When Purchasing

#1624 Econo Riteburn

CO and Smoke Alarm

_____ ft. _____ inch Stove Pipe
☐ Black or ☐ Stainless Steel

_____ Pieces _____ inch Elbow (2 max)
☐ Black or ☐ Stainless Steel

_____ inch Trim Collar for Masonry Chimney

Screws for Stove Pipe
☐ Black or ☐ Stainless Steel

Manual Damper

_____ ft. Stainless Steel Chimney Relining Kit

_____ ft. Insulated Chimney
☐ Masonry or ☐ Stainless Steel

Hearth Board (U.L.1618) _____ (brand) _____

Wall Protection Board _____ (brand)

Heat Saver

SubTotal _____

Tax _____

TOTAL _____

Prices are subject to change without notification

DS621-0

Authorized Dealer

A Great Starter Stove

The Econo Riteburn provides plenty of heat at a reasonable price. If you choose, this stove can be used as a secondary heat source to get you started. It is ideal for shops and greenhouses. Controlled by our special DS Regulator, the Econo Riteburn is easy to operate and requires low maintenance. It could be the right burner for you.

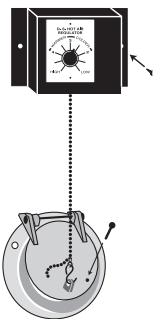
FEATURES:

- Burns coal
- Heats up to 2600 sq. ft.
- Secondary combustion system
- Bi-metal draft regulator
- Built from quality steel
- Superior cast iron Shaker grates
- Cast iron airtight doors
- Available in left or right hand door opening
- Exterior Shaker handles
- Minimal dust
- Good value
- Made in the USA
- Optional sheet metal jacket

THE DS 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, depending on the heat radiated from the stove. The DS Regulator is equipped with a 5-position mechanical control dial.



SPECIFICATIONS

Model #	#1624
Fuel	Coal
Heating area (recommended)	1500-2600 sq. ft.
Efficiency	71.5%
BTU approximately	140,000
Firebox size (WxD)	16" x 24"
Firebox height	23"
Firebox volume	4.9 cu. ft.
Overall size (WxDxH)	29.5" x 30" x 36"
Load door size (WxH)	11" x 12"
Ash door size (WxH)	16.5" x 5.5"
Top exhaust	7" Left or Right
Rear exhaust	N/A
Blower CFM	N/A
U.L. tested	Yes*
Weight	415 lbs.
Warming shelf	Optional
Warranty	5-year limited

CLEARANCE FROM COMBUSTIBLES

Side	24"
Side Door	48"
Back Exhaust Side	30"
Front	24"
Flue/Stove pipe	18"
Ceiling	36"

All units require a class "A" all fuel chimney installation that must conform to local and state codes.

*Safety tested and labeled to U.L. Standards by Guardian Fire testing, to U.L. 391, ETLM78-1, CAN/CSA B-366.1

