



DS Circulator

Models #1300, 1400, 1500, 1600



Heat your home without electricity or a fan



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.

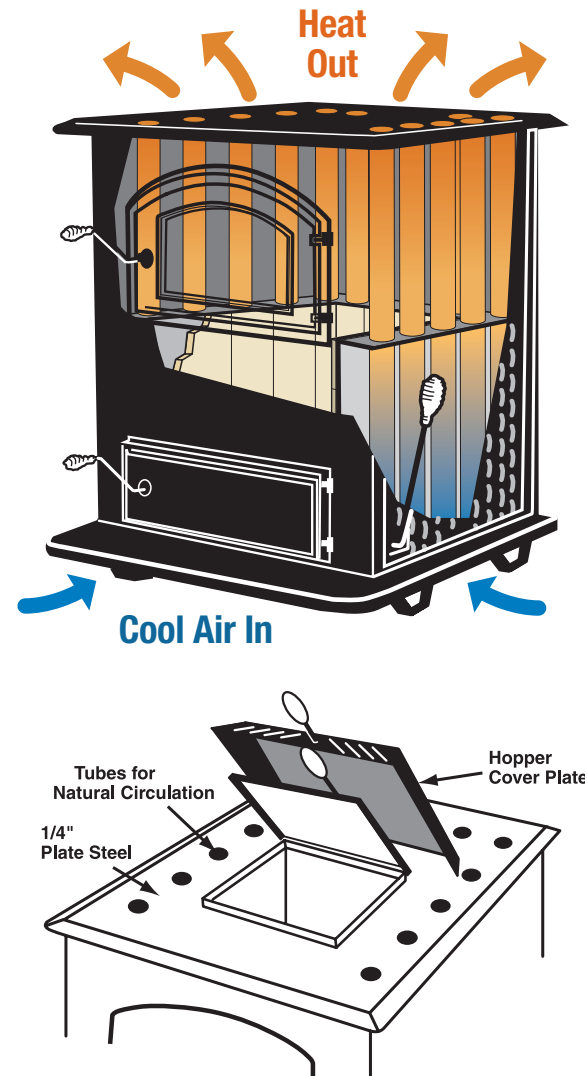
Traditional craftsmanship defines each product from wood and coal furnaces to custom metal fabrication. With a goal of high efficiency and low maintenance, along with superior quality, DS products are built to last a lifetime.

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		•	•	•	•				•	•

The Path of Hot Air Through the Circulator

Vertical tubes in the firebox increase the steel heating surface area by approximately 50%. This will create a natural hot air draft inside the tube and will draw cool air off the floor. The hot air produced by convection will constantly circulate through your house with no electrical blowers or fans, meaning even heat through your home.



Things to Consider When Purchasing

#1300 WH DS Circulator with Hopper

#1400 DS Circulator without Hopper

#1400 WH DS Circulator with Hopper

#1500 DS Circulator without Hopper

#1500 WH DS Circulator with Hopper

#1600 WH DS Circulator with Hopper

#DSWS1314 Warming Shelf for 1300, 1400

#DSWS1516 Warming Shelf for 1500, 1600

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 or ☐ Barometric Damper

_____ ft. Stainless Steel Chimney Relining Kit _____

_____ ft. Insulated Chimney
☐ Masonry or ☐ Stainless Steel

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

Wall Protection Board _____ (brand)

SubTotal _____

Tax _____

TOTAL _____

DS621-500 Prices are subject to change without notification

Authorized Dealer

The Powerhouse of Stoves

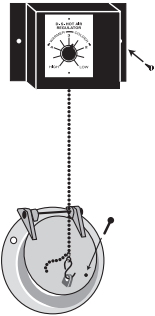
The DS Circulator will burn for up to two days. Known for its slow burning, the coal hopper is gravity-fed, using no electricity. The DS Regulator controls drafts. With four different sizes available, you can heat individual rooms or your whole house.

FEATURES:

- Burns coal
- Heats up to 1200 to 2500 sq. ft. depending on model
- Heat exchanger tubes through firebox for natural circulation
- Built from heavy plate steel
- Superior cast iron Shaker grates
- Cast iron airtight doors
- Preset secondary combustion
- Bi-metal draft regulator
- Extended burn time with heating output
- Gravity fed coal hopper - holds 50 lbs
- Burn time 24-48 hours
- Exterior Shaker handles
- Minimal dust
- Made in the USA

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 #	#1300	#1400	#1500	#1600
Fuel	Coal	Coal	Coal	Coal
Heating area (recommended)	500-1200 sq. ft.	500-1600 sq. ft.	1000-2000 sq. ft.	1250-2500 sq. ft.
Efficiency	83%	83%	83%	83%
BTU approximately	50,000	80,000	96,000	125,000
Firebox size (WxD)	14" x 12"	14" x 16"	16" x 16"	16" x 20"
Firebox volume	2.0 cu. ft.	2.7 cu. ft.	3.2 cu. ft.	4.1 cu. ft.
Firebox height to hopper	10.5	10.5	10.5	10.5
Firebox height	20.50"	16.50"	16.50"	16.50"
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"
Load door size (WxH)	16" x 10.5"	16" x 10.5"	16" x 10.5"	16" x 10.5"
Ash door size (WxH)	16.5" x 5.5"	16.5" x 5.5"	16.5" x 5.5"	16.5" x 5.5"
Top exhaust	N/A	N/A	N/A	N/A
Rear exhaust	6"-30.25" center of flue	6"-30.25" center of flue	6"-30.25" center of flue	6"-30.25" center of flue
Coal hopper capacity (Approx.)	50 lbs.	50 lbs.	50 lbs.	50 lbs.
Coal volume with hopper (Approx.)	75 lbs.	90 lbs.	110 lbs.	120 lbs.
U.L. tested	Yes*	Yes*	Yes*	Yes*
Weight	400 lbs.	475 lbs.	570 lbs.	648 lbs.
Warming shelf	Optional	Optional	Optional	Optional
Warranty	5-year limited	5-year limited	5-year limited	5-year limited

CLEARANCE FROM COMBUSTIBLES

Side	24"	24"	24"	24"
Back	24"	24"	24"	24"
Front	48"	48"	48"	48"
Flue/Stove pipe	18"	18"	18"	18"
Ceiling	54"	54"	54"	54"

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

*Safety tested to U.L. #1482 for coal use only

