



# Stoker Furnace

Model #SF250



Auger-Fed  
Stoker  
Furnace



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

#DS-SF250 Stoker Furnace .....

#23-6 Domestic Coil .....

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** \_\_\_\_\_

*Prices are subject to change without notification*

DS621-0

Authorized Dealer

# Auger-Fed Stoker Furnace



DS is a family owned business that was established in 1978. DS has over 30 years of experience with designing and manufacturing solid fuel stoves and boilers. The Stoker Furnace is a twin to the Stoker Boiler that we manufacture. The difference is “hot air” vs. “hot water”. It is an auger-fed stoker with a pot burner, designed to burn rice coal. It is designed to feed the coal from an optional 500 lb. hopper or coal bin. This unit is constructed with a “built to last” attitude.

## FEATURES:

- Variable speed combustion blower and auger
- Special tubes through the firebox for maximum heat exchange
- Burns rice coal
- Auger-fed round fire pot with complete breakdown “floating” design
- RH or LH feed option
- Outfire sensor
- 3-speed blower
- Domestic coil option
- Filter box - right or left intake
- Smart relay technology
- Optional 500 lb. hopper
- Made in the USA

## SPECIFICATIONS

Model Number	#SF250
Fuel	Antracite Rice Coal
Heating area	1000-5000 sq. ft.
Greenhouse heating area	500-2500 sq. ft.
Efficiency	84.7%
BTU (Approx.)	50,000-250,000
Overall size (WxDxH)	30.75" x 36" x 51"
Top door size (WxH)	15.25" x 13.25"
Ash door size (WxH)	24" x 15.5"
Exhaust	8"
Pot size	10"
Plenum inlet and outlet	18" x 18"
Blower CFM	3-Speed 1100, 1350, 1600
U.L. tested*	Yes
Weight total	850 lbs.
Warranty	5-year limited 1-year on electrical

## CLEARANCE FROM COMBUSTIBLES

Control Side	21"
Auger Side	12"
Back	30"
Top	18"
Front	36"
Flue	18"
Top of Plenum to Ceiling	2"

All units require a class “A” all fuel chimney installation that must conform to local and state codes. \*Tested to U.L. #391, and CAN/CSA #B366.