



# Aqua-Stoke

Model #SB200

Large basement  
boiler available  
with and  
without hopper



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-SB200 Aqua-Stoke .....  
#SB200-SAP 5 ft. Auger Pipe Kit .....  
#SB200-LAP 8 ft. Auger Pipe Kit .....  
#SB200-5 Insulated Jacket .....  
#SB200-OSH Optional SS Hopper .....  
#4GPM-FC Flanger Coil. ....  
#5GPM-FC Flanger Coil. ....  
Barometric Damper .....  
Boiler Controls .....  
Expansion Tank. ....  
Circulator Pump .....  
Zone Valves .....  
Mixing Valve .....  
1/8" NPT Auto Air Vent .....  
#EB-75 Pressure Reducing Valve .....  
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 .....  
\_\_\_\_ ft. Stainless Steel Chimney Relining Kit .....  
\_\_\_\_ ft. Insulated Chimney  
☐ Masonry or ☐ Stainless Steel. ....  
Subtotal .....  
Tax .....  
TOTAL .....

DS621-300  
Prices are subject to change without notification

Authorized Dealer

# Auger-Fed Stoker Boiler

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. In 2015 DS started the research and development of the Aqua-Stoke. 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:

- Burns rice coal
- Built from heavy plate steel
- Cast iron airtight fire door with knife edge seal and glass view
- Optional 500 lb. hopper
- Auger-fed round fire pot with complete breakdown “floating” design
- R/h or l/h feed option
- Outfire auger and blower shutoff with light indicator
- Large 10” high ashpan for longer burn time and optimal spillage control
- 8” rear exhaust
- Variable speed blower and auger
- Optional 4 or 5 gallon-per-min domestic hot water coil
- Heavy duty heat exchanger
- High-efficiency motors for a total power consumption of 1.7 amps (Approximate average consumption .66 amps)
- Optional insulated jacket
- Multiple easy access panels for maintenance and cleaning
- Made in the USA

## STOKER BOILER PRICING INCLUDES:

- Carbon Monoxide Detector
- Boiler
- Base
- Pot
- First Pot Auger
- Electrical Controls
- 30# Safety Valve
- Temperature Pressure Gauge
- Boiler Drain

## SPECIFICATIONS

Model Number	#SB200
Fuel	Anthracite Rice Coal
Heating area	1000-5000 sq. ft.
Efficiency	82.8%
Greenhouse heating area	500-2500 sq. ft.
BTU (Approx.)	50,000-230,000
Firebox size (WxDxH)	20” x 18” x 18.25”
Burn pot size	10”
Overall size (WxDxH)	27” x 40” x 53”
Total width with blower and control box	43”
Total width with 500 lb. hopper connected	77.5”
Total size of hopper (WxDxH)	26” x 26” x 48”
Top door size (WxH)	15.25” x 13.25”
Ash door size (WxH)	24” x 15.5”
Bottom rear exhaust	8”
Water capacity	50 gallons
Inlet/outlet	2”
U.L. tested*	Yes
Weight total	1175 lbs. (Base-176 lbs., Boiler-775 lbs., Components-224 lbs.)
Insulated jacket	Optional
Warranty	5-year limited 1-year on electrical, bushings and wearplates

## CLEARANCE FROM COMBUSTIBLES

Side	12” (unless control side then 21”)
Back	30”
Front	36”
Flue/Stove pipe	18”
Ceiling	18”

All units require a class “A” all fuel chimney installation that must conform to local and state codes. \*Tested to U.L. #1482, U.L. #5627, U.L. #391, and CSA #8366.

