

# The King of Furnaces

Our goal is to serve your needs with a very efficient, clean burning furnace to heat your home. The Kozy-King's secondary combustion provides maximum efficiency with less fuel. This U.L. listed wood and coal burning furnace is thermostat controlled for even temperature. The Kozy-King comes with a 3-speed blower and a safety feature to prevent overheating. The DS Circulator rests inside the firebox and is insulated with a sheet metal jacket. You can use this unit independently or in conjunction with another furnace. The Kozy-King will heat your whole house, shop or greenhouse.



#100-14

## FEATURES:

- Burns coal and wood
- #100-14 heats up to 2000 sq. ft.
- #300-09 heats up to 3000 sq. ft.
- #400-09 heats up to 4000 sq. ft.
- Superior cast iron Shaker grates
- Cast iron airtight doors
- Large loading door
- Large ash pan
- 3-speed blower
- Thermostat controlled
- Safety control with fan limit switch
- Cast iron baffle
- Secondary combustion system
- Special tubes through fire box for maximum heat circulation
- Forced draft
- Insulated cabinet
- 80/20 combustion bypass
- Filter box left or right intake (18" x 18")
- 85.1% efficiency rating
- Standard width
- Domestic water option
- Clean air filter
- Made in the USA

## SPECIFICATIONS

	#100-14	#300-09	#400-09
Fuel	Wood & Coal	Wood & Coal	Wood & Coal
Heating area (recommended)	1200-2000 sq. ft.	2000-3000 sq. ft.	2500-4000 sq. ft.
Efficiency	85.1%	85.1%	85.1%
BTU approximately	90,000	140,000	205,000
Firebox size (WxD)	14" x 20"	16" x 22"	16" x 29"
Firebox volume	3.5 cu. ft.	6.2 cu. ft.	8 cu. ft.
Log size	18"	20"	26"
Overall size (WxDxH)	27.5" x 27" x 47.75"	28.5" x 29" x 53"	28.5" x 36" x 53"
Depth including filter box	47"	49"	56"
Load door size (WxH)	12" x 11"	14" x 14.5"	14" x 14.5"
Ash door size (WxH)	16.5" x 5.5"	16.5" x 5.5"	16.5" x 5.5"
Top exhaust	N/A	N/A	N/A
Rear exhaust	42.5" center of flue	8"-47" center of flue	8"-47" center of flue
Plenum inlet and outlet	18" x 18"	18" x 18"	18" x 18"
Blower CFM	3-Speed 1100, 1350, 1650	3-Speed 1100, 1350, 1650	3-Speed 1100, 1350, 1650
U.L. tested	Yes*	Yes*	Yes*
Weight	700 lbs.	730 lbs.	820 lbs.
Insulated jacket	Standard	Standard	Standard
Warranty	5-year limited 1-year electrical	5-year limited 1-year electrical	5-year limited 1-year electrical

## CLEARANCE FROM COMBUSTIBLES

Side	18"	18"	18"
Back	18"	18"	18"
Front	48"	48"	48"
Flue/Stove pipe	18"	18"	18"
Top of plenum to ceiling	2"	2"	2"

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, ETL78-1, CAN/CSA B-366.1

## THE DS HOT AIR CIRCULATOR



In the Kozy-King, tubes throughout the firebox increase the surface area that is in direct contact with the heat. Warm air enters the tube and is trapped there. The heat rises inside the tube, drawing cooler air from the bottom of the stove. This convection process produces even circulation with no need for electrical blowers or fans. This good circulation means even heat throughout your home.

Manufactured by DS Stoves



## Which DS Product is Right for You?



	First Floor	Basement	Whole House	Forced Hot Air	Coal	Wood	Freestanding Unit	Hot Water Heating	Green House Shop
DS Circulator	•	•	•	•	•	•	•	•	•
EnergyMax #110	•	•	•	•	•	•	•	•	•
EnergyMax #160	•	•	•	•	•	•	•	•	•
Kozy-King	•	•	•	•	•	•	•	•	•
Ecomiser	•	•	•	•	•	•	•	•	•
HeatRight	•	•	•	•	•	•	•	•	•
Comfort Max	•	•	•	•	•	•	•	•	•
Econo Riteburn	•	•	•	•	•	•	•	•	•
CoalMaster	•	•	•	•	•	•	•	•	•
Power Boilers # 5000, 6000, 7000	•	•	•	•	•	•	•	•	•
Aqua-Gem Boilers #1100, 3200, 4200	•	•	•	•	•	•	•	•	•
GH Blast #450	•	•	•	•	•	•	•	•	•



### Things to Consider When Purchasing

#100-14 Kozy-King.....

#300-09 Kozy-King.....

#400-09 Kozy-King.....

#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.....



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## Kozy-King

Models #DS100-14, DS300-09, DS400-09



A wood and coal hot air furnace with 85.1% efficiency



Where tradition, craftsmanship and quality come first



Since 1980, DS Stoves has been the premier choice for whole house heating solutions. As a family-owned business in Lancaster, Pennsylvania, we are honored to apply our family values and integrity to every wood, coal furnace and stove we manufacture. Traditional craftsmanship defines each stove, with a promise of high efficiency, low maintenance and quality to last a lifetime. With four divisions: Stove Manufacturing, Retail, Wholesale, Custom and Production Fabrication; we engineer, manufacture and custom-make stoves for sale in our local retail store and across the country. DS Stoves is rich in tradition, with honesty and integrity built in.

