



JCBF SERIES COAL FIRED FORCED AIR FURNACES

The Heather coal fired furnaces are designed to allow the maximum amount of heat from every pound of solid fuel.

You can be assured that no other fuel will give you a more steady, even and comfortable heat than a proper coal fire in a well designed furnace such as the Heather coal furnace.

Units of our manufacture are not a stove, but a full-sized, complete central warm air furnace that will heat your entire home, not just a part of it. 3 models are available to assure a unit and B.T.U. for every heating requirement.

The 22", 24' and 27" models are the units and design that has been proven over the years.

Coal, an old fuel... a new beginning.



Features of the Heather Coal Fired Furnace

1. The heavy 10 gauge steel heat exchanger has the maximum heating surface to extract all usable heat and give years of dependable service. The heating surface is properly proportioned to the grate area, resulting in appropriate balance and greater heat delivery per pound of fuel burned. Such factors make for low cost operation.
2. A field proven round design heat exchanger (22', 24", 27") with an extra heavy brick lined combustion area.
3. The famous kidney shaped down draft radiator to assure the maximum heat transfer of all flue gases.
4. Heavy cast iron shaker grates for anthracite or bituminous coal, with an external shaker handle for proper tending of the fire.
5. Large heavy duty cast iron feed, draft and ash pit doors for a long a dependable life.
6. 120/24 volt damper control package #A35-002 to assure total control and comfort at your thermostat.
7. Large belt driven blowers, motors and fiberglass filters standard on the JCBF series.
8. Cabinets made of heavy 22 gauge steel panels with enamel finish to provide years of dependable service.
9. 10 year Limited Heat Exchanger Warranty on all models, and a 2 year Limited Warranty on Radiators.
10. E.T.L.M. listed when used with the #A35-002 damper package.
11. Manufactured in the U.S.A.

Heat with Coal and Specify.....





Warm Air Steel Furnaces!

JCBF SERIES COAL FIRED SQUARE JACKETED FORCED AIR UNITS



Specifications and Data

Model No. of Forced Air	22-JCBF	24-JCBF	27-JCBF
Shell, Diameter, inches	22	24	27
Grate Area, square inches	276	330	434
Heating Surface, square inches	6009	7695	8734
Radiator Height, inches	36	38	40
Firepot Depth, inches	10	13 1/2	13 1/2
Size Feed Door Mouth, inches	11 x 12	10 1/4 x 13 3/8	10 1/4 x 13 3/8
Smoke Collar Diameter, inches	9	9	9
Distance Center Smoke Collar to Floor, inches	26 1/2	20	20
Approx. Height of Jacket, inches	56	56	56
Approx. Width of Jacket, inches	31 1/2	39 1/4	39 1/4
Approx. Depth of Jacket, inches	37 1/8	43	47
Warm Air Discharge, inches	24 x 32	34 1/8 x 37 1/4	34 1/8 x 42 1/4
Return Air Inlet, inches	23 x 27 1/4	23 x 27 1/4	23 x 27 1/4
Number and Size Filters	3-12 x 24 x 1	3-12 x 24 x 1	3-12 x 24 x 1
Normal C.F.M.	1000-1400	1600-2000	1600-2000
Blower	10-10	12-9	12-9
Motor, H.P.	1/3	1/3	1/3
Blower Cabinet Dimensions	32 1/4 H x 28 7/8 W x 25 1/4 D	32 1/4 H x 28 7/8 W x 25 1/4 D	32 1/4 H x 28 7/8 W x 25 1/4 D
Approx. Shpg. Wt/Blower Module	745	965	1115

NOTE: Size of the JC-BF Models are the same as the JC's with the exception of the blower module, which requires about three (3) square feet of floor space.

NATIONAL CODE RATINGS FOR HARD COAL

B.T.U. at Bonnet, Forced Air	139,000	171,600	211,000
B.T.U. at Register, Forced Air	117,000	145,000	178,000

*Based on National Code Method of Rating

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