

JOHNSON HEATER CORP.

1 Winnisimmet St., Chelsea, Mass.

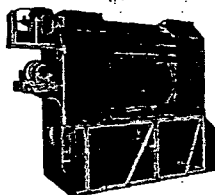
DESIGNERS



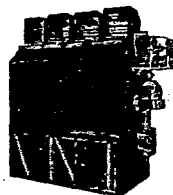
MANUFACTURERS

JOHNSON MODEL FA FACTORY ASSEMBLED "FYRE TUBE" HEATING UNITS

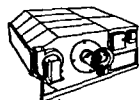
Engineered and designed for all types of commercial and industrial direct-fired heating applications, with or without duct work. Single heater output capacities from 400,000 to 4,000,000 Btu/hr. Can be fired by light or heavy oil or a combination burner using either fuel. Model FA heating units are of heavy duty construction throughout, fully assembled wired and flame tested at the factory. Furnished standard with 2000° F chrome nickel combustion chamber, large capacity blowers and separate motor driven induced draft fan. Approved by the Underwriters Laboratories, New York Board of Standards and Appeals, FM and FIA accepted



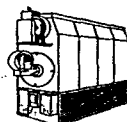
Outaway view of Johnson Model FA Unit (Type VP). Note the rugged compact construction with accessible service and maintenance features.



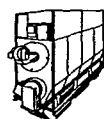
TYPE VN Vertical floor model with adjustable discharge heads. Available in Type VL with full size and low velocity heat outlet.



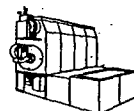
TYPE HP Horizontal suspended type for duct connections.
TYPE HN Horizontal suspended type with discharge nozzles.



TYPE VP Vertical floor mounted units for duct installations.



TYPE IN Inverted type using adjustable discharge nozzles. Furnished without nozzles for duct installations TYPE IP.



TYPE VPO With outside blower for combination heating, cooling or ventilating installations. Horizontal mounting TYPE HPO.

Dampened by-pass or multizone sections can be furnished for above models for schools, churches, or other applications.

HEATER MODEL	BTU/HR. OUTPUT AT FLENUM	NOMINAL CFM AT OUTLET	BLOWER MOTOR HP	PHYSICAL DIMENSIONS					APPROX. SHIPPING WEIGHT
				Width	Length	Height	Length with I. D. Fan	Height with Nozzles	
FA-400	400,000	8,500	1	35	60	71	97	94	1900
FA-500	500,000	10,500	1 1/4	38	60	71	97	94	2000
FA-600	600,000	12,500	2	35	80	88	104	106	2175
FA-750	750,000	15,000	3	35	80	88	104	106	2250
FA-800	800,000	16,000	3	42	80	88	104	106	2340
FA-850	850,000	17,000	3	42	80	88	104	106	2390
FA-1000	1,000,000	19,000	3	48	91	90	115	110	2630
FA-1150	1,150,000	21,000	5	48	91	90	115	110	3100
FA-1250	1,250,000	22,000	5	54	108	106	132	129	4455
FA-1500	1,500,000	25,000	7 1/4	54	108	106	132	129	4500
FA-1800	1,800,000	28,700	7 1/2	60	126	125	151	122	5500
FA-2000	2,000,000	32,000	10	60	126	125	151	122	6000
FA-2500	2,500,000	38,500	15	66	141	120	171	149	6500
FA-3000	3,000,000	45,000	15	66	141	120	171	149	6780
FA-3500	3,500,000	52,000	20	72	157	121	190	165	8775
FA-4000	4,000,000	60,000	20	72	157	121	190	165	9100

The Johnson Heater Corp. Reserves The Right To Change Any Dimensions Contained Herein Without Notice.

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DESIGNERS



MANUFACTURERS

MODEL JA HEAVY DUTY COMMERCIAL AND INDUSTRIAL "AIRE TUBE" HEATERS

15 Sizes—Output Capacities from 400,000 to 5,000,000 Btu/hr. Direct-Fired by heavy or light oil, gas or a combination of both fuels

"AIR ROTATION" SPACE HEATING

One, free standing, Model JA "AIRE TUBE" Heater can uniformly heat in excess of 1,500,000 cu ft of open building space without duct work, noticeable drafts or the need to spot, throw or direct the heated air.

This is accomplished with our "AIR ROTATION" system of space heating in combination with our special heater design. Large volumes of the cooler and denser, low-level air from the building are rotated through the heater. This air is then heated to a low temperature and discharged at a low velocity from the heater outlets back into the area to be heated.

DUCT DISTRIBUTION SYSTEM

JA "AIRE TUBE" Heaters with low internal resistance are excellent for use with all types of duct distribution systems.

HEAVY OIL FIRING

JA Heaters are especially designed for firing with the low cost \$5 or \$6 fuel oils in the larger sizes.

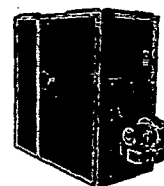
MODEL JAS

Horizontal Suspended "AIRE TUBE" Heating Units. 17 Sizes Output Capacities from 112,000 to 1,000,000 Btu/hr.

- Factory assembled
- Multiple air tube design
- Practically self cleaning
- Low draft requirements
- Chrome nickel steel combustion chamber

Available as duct heaters without blower section in range of sizes listed above.

SMALL MODEL JA



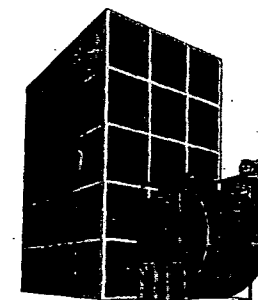
(EXTENDED CASING TYPE SHOWN)
Nine sizes output capacities from 112,000-350,000 Btu/hr. Fired by light oil, gas or a combination of both.

MODEL HB

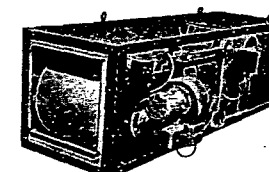


For heating small commercial-industrial and domestic buildings
Designed for use as a space heater or with duct distribution systems

(SPACE HEATER SHOWN)
Nine sizes output capacities from 112,000-350,000 Btu/hr. Fired by light oil, gas or a combination of both.



JA Heaters have approximately 90 percent direct heating surface with multiple banks of practically self-cleaning, air-heating tubes located over the fire.



Direct-fired by light oil, gas or a combination of both fuels