

Johnson Heater Corp.

1 Winnisimmet St. Chelsea, Mass.

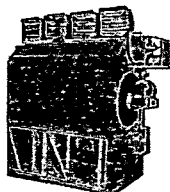
DESIGNERS

MANUFACTURERS

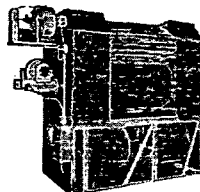


JOHNSON MODEL FA FACTORY ASSEMBLED "FYRE TUBE" HEATING UNITS

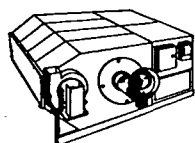
Engineered and designed for all types of commercial and industrial direct-fired, heating applications, with or without duct-work. Single heater output capacities from 400,000 to 3,000,000 Btu/hr. Fired by light or heavy oil, gas or combination of both. Furnished as standard with UL and FM accepted burner and control systems, stainless steel combustion chamber, circulating blowers and induced draft fan.



TYPE VN Vertical floor model with adjustable discharge heads.



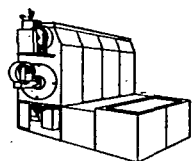
Cutaway view of Johnson Model FA Unit (Type HP). Note the rugged compact construction with accessible service and maintenance features.



TYPE HP Horizontal suspended type for duct connections.

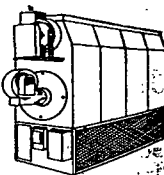
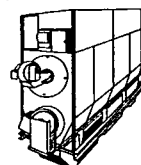
TYPE HN Horizontal suspended type with discharge nozzles.

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



TYPE VPO Using separate outside blower, for combination heating, cooling or ventilating applications. Furnished for horizontal mounting (Type HPO).

TYPE VP Vertical floor mounted units for duct installations.



Heater Model	Btu/hr Output @ Bonnet	Nominal CFM @ Outlet	Blower Motor HP	PHYSICAL DIMENSIONS					Approx. Shipping Weight
				Width	Length	Height	Length With ID Fan	Height With Nozzles	
FA-400	400,000	5,500	1	36	66	76	89	93	2075
FA-500	500,000	6,800	1 1/2	36	66	76	89	93	2100
FA-560	560,000	7,500	2	36	66	76	89	93	2150
FA-650	650,000	8,500	1 1/2	42	80	85	103	103	2300
FA-750	750,000	9,800	2	42	80	85	103	103	2340
FA-850	850,000	11,000	3	42	80	85	103	103	2375
FA-950	950,000	12,500	3	48	91	88	117	108	2920
FA-1100	1,100,000	14,700	5	48	91	88	117	108	4000
FA-1350	1,350,000	18,500	5	54	108	104	134	127	4200
FA-1600	1,600,000	21,500	7 1/2	54	108	104	134	127	4700
FA-1800	1,800,000	23,700	7 1/2	60	126	105	156	128	4850
FA-2000	2,000,000	26,800	10	60	126	105	156	128	4850

The Johnson Heater Corp. reserves the right to change any dimensions contained herein without notice.

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JOHNSON MODEL JA DIRECT FIRED AIRE-TUBE HEATERS

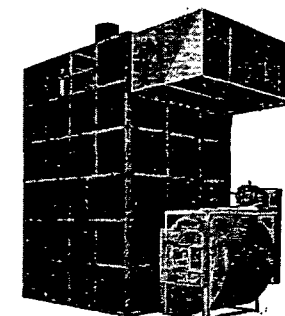
The simplified Johnson low cost "Air Rotation" ductless method of space heating uses large volumes of low temperature air discharged from the heater outlets at a low velocity.

This principle of heating warehouses, manufacturing areas, machine shops, garages, airplane hangars, fabricating plants etc. eliminates all duct work or the need to spot, throw or direct the heated air.

One free standing Johnson "Air Rotation" heater can uniformly blanket with warm air in excess of 1,500,000 cu ft of open building space without noticeable drafts.

Johnson model JA air tube heaters are also designed for use with conventional duct distribution systems. They are fine for heating schools and many other types of buildings, and are particularly adaptable for use with the heavier fuel oils in the larger models.

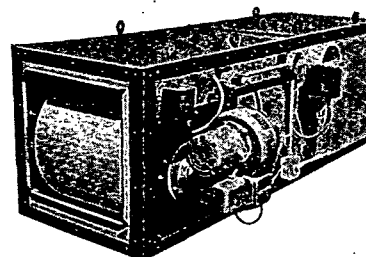
- Air tube design
- Practically self-cleaning
- Heavy duty construction
- Conservatively rated
- Large air volume
- High efficiency
- All standard parts
- Fully automatic



Single heater output capacities to 5,000,000 Btu/hr fired by oil-gas or a burner using a combination of both fuels.

HORIZONTAL SUSPENDED TYPE MULTI-TUBE DIRECT FIRED HEATERS

Low cost heating for service stations, garages, warehouses, machine shops, residences, and other types of commercial and domestic installations. Heaters fired by oil, gas or combination burners.



- Multiple air tube design
- Completely factory assembled
- Fully automatic
- All standard parts
- Conservatively rated
- No floor space required
- Low draft requirement
- Practically self-cleaning

JOHNSON MODEL JAS Horizontal Suspended Type Heaters—wide range of sizes from 138,000 to 1,000,000 Btu/hr output. For oil or gas firing.

Smaller JOHNSON floor model heaters in horizontal extended casing and vertical Hi-Boy Types from 112,000 to 310,000 Btu/hr output capacity.