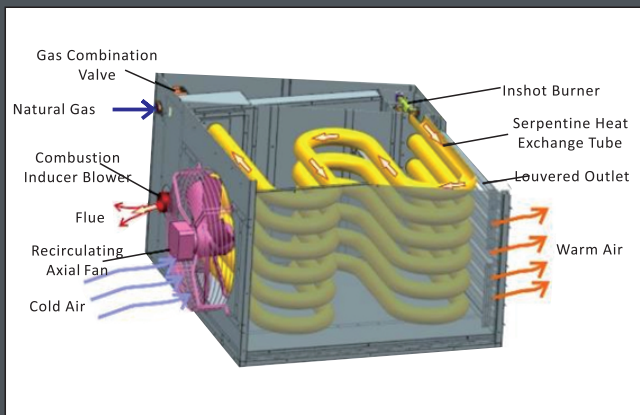
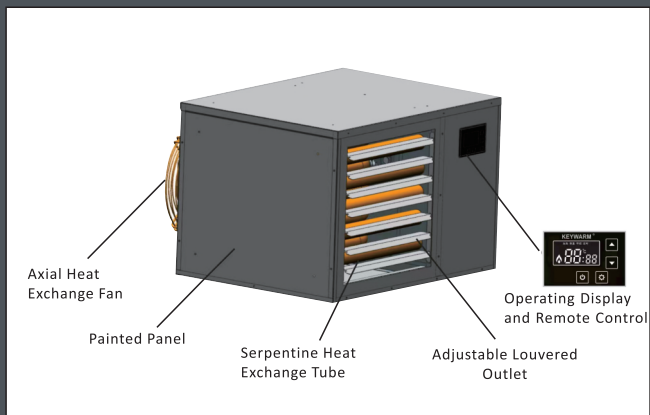


WAB Indirect-fired Tubular Unit Heater



Structure



WAB Indirect-fired Tubular Unit Heater

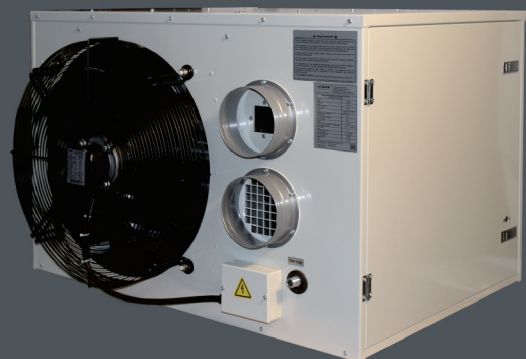
HOW IT WORKS

An indirect-fired warm air heater is a self-contained device used for space heating. It uses natural gas or propane as fuel. Typically, this equipment includes a combustion system, a heat exchanger, and a heat exchange fan. The heat exchange fan blows room air over the heat exchanger to provide heating. The heat exchange fan can be either an axial flow fan or a centrifugal fan. In the case of a separated indirect-fired warm air heater, the combustion chamber uses outside air, and the flue is exhausted externally. This type of heater can also be used in situations where the combustion chamber uses indoor air.



Features

- Flameout protection, fan failure, overheat protection
- 12V low-voltage control system, 24V low-voltage gas combination valve, safe and reliable
- Inshot combustion for more complete burning
- Serpentine tube heat exchanger with large heating area and high heat exchange efficiency
- Instantaneous heating, quick temperature rise, no need for preheating.



Advantages/Benefits

- Dispersed or directional heating
- Simple installation
- Wide power range: from 15kW to 117kW
- Quickly addresses heating needs for large spaces, warehouses, and garages
- No need for a heat distribution system
- Simple control with a thermostat
- Simple maintenance

Installations

- Follow the manufacturer's requirements to meet the minimum installation height
- Do not install in areas with chlorides, volatile solvents, and explosive dust particles
- If the room is under negative pressure, it's preferable to use outside air for combustion (balanced type)
- Unless there are specific requirements, flue should be discharged outdoors
- Follow the manufacturer's installation manual for detailed guidance.

WAB Indirect-fired Tubular Unit Heater



WAB Indirect-fired Tubular Unit Heater



Technical Parameter

Model			WAB50	WAB80	WAB150	WAB200	WAB300	WAB400
Input Heat			15	23	44	58	88	117
Output Heat			12.4	19.1	36.5	48.6	73.0	97.3
Thermal Efficiency			83%	83%	83%	83%	83%	83%
Gas Consumption	m ³ /h	NG	1.45	2.22	4.25	5.60	8.50	11.2
	kg/h	LPG	1.17	1.79	3.44	4.53	6.88	9.06
Air Flow m ³ /h			1300	2200	4800	5380	4800x2	5380x2
Temperature Rise °C			26	26	26	26	26	26
Heat Exchange Fan Power W			65	75	190	280	190x2	280x2
Inducer Blower Power W			56	56	60	120	60x2	120x2
Flue Diameter mm			60	60	80	100	80x2	100x2
Fan Diameter mm			250	300	400	450	400x2	450x2
Gas Input Pipe Diameter mm	NG		15	15	15	20	20	20
	LPG		15	15	15	20	20	20
Equipment Net Weight kg			35	45	70	87	139	152
Exterior Dimensions LxWxH			655x635x310	655x635x435	735x1015x820	871x1080x815	1300x1000x815	1612x1080x815