

PRODUCT INTRODUCTION

Indirect Fired Axial Heater (WAB) and Centrifugal Heater (WCB)

Indirect Fired Axial Heater (WAB) with temperature rise 28°C,
Indirect Fired Centrifugal Heater(WCB) with temperature rise 36°C. Widely used in factories, warehouses, supermarkets, offices, gyms, schools, exhibition halls, agriculture building, food & paint drying.

Rate: 44/58/88/117kW, 4 specifications available

Product Description

Keywarm gas-fired unit heater offers a high efficient, extremely durable alternative to the traditional clam shell design. These propeller type units combine the latest tubular heat exchanger and inshot burner technology with the quality and reliability. Units are available in sizes 29.3kW to 117kW. Standard energy saving features like the direct spark ignition and power venting reduce standby losses and offer improved seasonal efficiencies. The thermal efficiency is 83%.

Product Features

- . Simply connect the gas line and power to utilize, without needing a remote heat medium. Comes with inbuilt frost protection and fully utilizes heat output.
- . Heats instantly, with no need for preheating, rapid warming, particularly suitable for intermittently heating places.
- . Gas heaters can be equipped with a temperature control box to control room temperature precisely, saving energy and maximizing comfort.
- . Avoids the big temperature gradients, high energy consumption and poor heating results of the traditional way of heating.
- . Air heating is one of the more comfortable methods of heating. Gas heaters provide clean and dry hot air to heat the entire space, resulting in temperature uniformity. It has the advantages of rapid heating and fast heat flow.
- . Equipped with a flame failure protection and overheating protection device to monitor combustion situation and ensure safe operation.
- . More efficient than the traditional 'tower' heat exchanger and enjoys a longer life.
- . Powered by natural gas or propane, the product heats areas through use of spark ignition, an inshot burner, a tubular heat exchanger, and a circulation fan. All combustion products are exhausted outside.
- . Two-point suspension mounting, allowing for exhaustion through the sidewall or ceiling.



Indirect Fired Axial Unit Heater (WAB200)



Indirect Fired Centrifugal Unit Heater (WCB150)

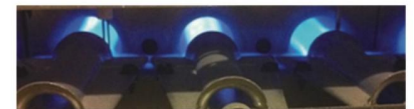
TECHNICAL SPECIFICATION

WAB Series Gas Unit Heater		150	200	300	400
Input(kW)		44.0	58.6	87.9	117.2
output(kW)		36.5	48.6	73.0	97.3
Thermal Efficiency(%)		83	83	83	83
Gas Consumption	Nm³/h N	4.25	5.66	8.49	11.32
	kg/h P	3.44	4.58	6.78	9.16
Air Flow (m³/h)		4800	5380	4800*2	5380*2
Temperature rise(℃)		26	26	26	26
Warm Air Blower Power(W)		190	280	190*2	280*2
Exhaust Fan Power(W)		60	120	60*2	60*2
Exhaust Diameter(mm)		78	125	78*2	125*2
Blower Diameter (mm)		400	450	400*2	450*2
Gas Inlet Pipe (mm)	N	15	20	20	20
	P	15	20	20	20
Net Weight(kg)		70	87	139	152
Shipping Weight(kg)		88	109	166	179

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Gas Consumption	Nm³/h N	4.25	5.66	8.49	11.32
	kg/h P	3.44	4.58	6.87	9.16
Air Flow (m³/h)		3010	4014	3010*2	4014*2
Temperature rise(℃)		36	36	36	36
Warm Air Blower Power(W)		370	560	370*2	560*2
Exhaust Fan Power(W)		60	120	60*2	60*2
Exhaust Diameter(mm)		78	125	78*2	125*2
Gas Inlet Pipe (mm)	N	15	20	20	20
	P	15	20	20	20
Net Weight(kg)		92	121	170	196
Shipping Weight(kg)		132	183	238	272



Combustion and Heat Exchange System



Combustion Status

▲ Natural Gas: 8900Kcal/Nm³, LPG: 11000Kcal/kg,
Gas Supply Pressure:2-3kPa.

Cases

