

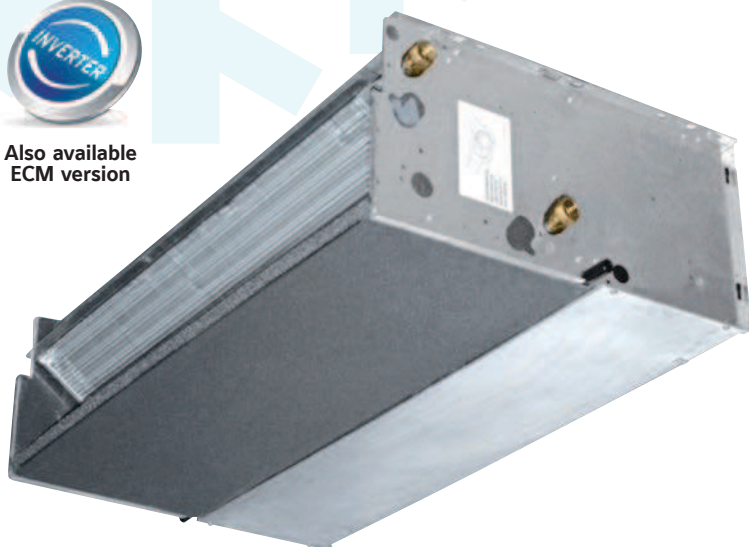
YHP-O High Static Pressure Blower

YHP-O 130-430 · 2 & 4 pipe system

A complete range from 3 kW to 12 kW



Also available
ECM version



Wired controls

JWC-3V

Remote three speeds controller

JWC-T

JWC-3V + Electronic thermostat and Summer/Winter switch

JWC-AU

Automatic JWC-T



JTM-B

Digital Automatic Remote controller

TMO 503 SV2

Digital Automatic Remote controller to be mounted in the standard light wall box



Infrared control



TUC03+ Terminal unit controller

BacNET and N2 Metasys network compatible



The YHP-O blower units includes 4 airflow range (from 595 up to 2200 m³/h), each built-in 3 or 4 row coils and with the possibility to add an additional 1 or 2 row coil for 4 pipe system.

A complete range, perfect to satisfy all air conditioning needs in working environments such as offices, shops, restaurants and hotel rooms, for duct installations with available static pressure up to 80 Pa.

Features

- 12 models
- From 3020 to 12500 w cooling
- Horizontal or vertical version
- Low noise operation
- 5 speed fan
- A wide range of thermostats and accessories
- Available with left or right connections

Optionally the main valve, auxiliary valve (4 tubes), controller and wiring can be assembled from factory, for an easy installation in a centralized management system.



Selection software

YHP-O High Static Pressure Blower

3 to 12 kW



Technical features 2 pipe system

Model		YHP-O 130	YHP-O 140	YHP-O 230	YHP-O 240	YHP-O 330	YHP-O 340	YHP-O 430	YHP-O 440
Cooling capacity *	kW	2.94	3.42	4.87	5.69	6.50	7.22	10.33	11.80
Sensible cooling capacity *	kW	2.27	2.58	3.91	4.29	5.30	5.61	8.35	9.15
Heating capacity *	kW	5.28	5.95	8.76	9.97	12.04	13.13	18.91	20.40
Nominal water flow	l/s	0.15	0.18	0.26	0.30	0.34	0.38	0.55	0.62
Power supply	V.ph.Hz	230.1.50							
Nominal airflow	m ³ /h	595	595	1040	1040	1415	1415	2220	2220
Fan	W	76	76	140	140	174	174	256	256
Available static pressure	Pa	80	80	80	80	80	80	80	80
Water connections diameter	Inch	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Pressure drop in cooling	kPa	28.7	19.0	27.7	51.2	27.8	21.2	25.1	35.9
Pressure drop in heating	kPa	17.6	12.0	16.9	31.3	19.8	13.3	16.0	25.2
Sound pressure level **	dB(A)	50	50	50	50	55	55	57	57
Dimensions	Height	mm	218	218	248	248	248	248	248
	Width	mm	689	689	904	904	1119	1119	1570
	Depth	mm	511	511	511	511	511	511	511
Weight	kg	18	18	22	22	33	33	45	45

Technical features 4 pipe system

Model		YHP-O 130+1	YHP-O 230+1	YHP-O 330+1	YHP-O 430+1
Cooling capacity *	kW	2.94	4.87	6.50	10.33
Sensible cooling capacity *	kW	2.27	3.91	5.30	8.35
Heating capacity *	kW	3.04	4.76	6.16	9.63
Nominal water flow additional coil	l/s	0.07	0.11	0.15	0.23
Power supply	V.ph.Hz	230.1.50			
Nominal airflow	m ³ /h	595	1040	1415	2220
Fan	W	76	140	174	256
Available static pressure	Pa	80	80	80	80
Water connections diameter	Inch	1/2"	1/2"	1/2"	1/2"
Pressure drop in cooling	kPa	28.7	27.7	27.8	25.1
Pressure drop in heating	kPa	15.8	9.4	12.7	37.9
Sound pressure level **	dB(A)	50	50	55	57
Dimensions	Height	mm	248	248	248
	Width	mm	689	904	1119
	Depth	mm	511	511	511
Weight	kg	23	27	41	56

Referred data at maximum speed fan and 0 Pa available static pressure.

* Cooling capacity: Room temperature 27°C d.b., 19°C w.b. - Water temperature 7/12 °C.

Heating capacity: Room temperature 20°C - Water inlet temperature: 70/60°C (4 pipes), 60/50°C (2 pipes).

** Sound pressure level in a 100 m³ room, at 1 m distance and riverberating time of 0.5 s