

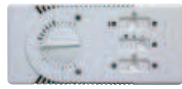
# YEFB Hydro Blower

2 & 4 pipe system

A complete range from 4.3 kW up to 29.4 kW



**CSR00 (Wall mounted)**  
Fan speed selector



**CMR00 (Wall mounted)**  
Thermostat with manual fan speed and S/W change over



**CER00 (Wall mounted)**  
Thermostat with manual fan speed and automatic change over

**CER20 (Wall mounted)**  
Thermostat with auto. fan speed and automatic change over

**CER30 (Wall mounted)**  
Thermostat with auto. fan speed and automatic change over for modulating valve



**TUC03 Terminal unit controller**  
BacNET and N2 Metasys network compatible

YEFB Blower units are available in 6 sizes for horizontal concealed installations: thanks to their high ESP fans that can handle up to 250Pa, they are the ideal solution for air conditioning large spaces.



Selection software

## Features

- 6 unit sizes for horizontal mounting
- Handles high external static pressure up to 250Pa
- Choice of 2 or 4 pipe systems
- Twin centrifugal fans
- Horizontal air return
- Air distribution plenum
- Electric heater option
- Optional paint finish
- F5 grade filter option
- 5 Row cooling coil option on sizes 060, 070

# YEFB Hydro Blower

4.3 to 29.4 kW



## Unit performance at 50 Pa external static pressure, with 4 row cooling coil

Model YEFB		020-4	030-4	040-4	050-4	060-4	070-4	
Total cooling capacity [kW]	(1)	max	6.95	9.49	12.20	14.30	18.22	29.38
		med	5.9	8.23	10.80	12.80	16.08	27.22
		min	4.3	7.11	9.18	11.60	13.44	24.97
Sensible cooling capacity [kW]	(1)	max	4.99	7.91	10.50	12.80	16.41	24.07
		med	4.14	6.7	9.16	11.20	14.28	21.95
		min	2.98	5.68	7.62	10.10	11.99	19.67
Water flow in cooling [l/h]	(1)	max	1371	1787	2170	2529	4187	5040
		med	1011	1414	1847	2191	3737	4670
		min	602	1181	1530	1950	2910	4285
Pressure drop in cooling [kPa]	(1)	max	17.4	31.5	35.6	49.3	16.9	40.2
		med	12.2	24.1	28.0	39.4	13.2	34.5
		min	6.5	18.4	20.3	32.3	9.5	29.7
Heating capacity 2 pipes [kW]	(2)	max	8.68	12.7	17.4	21.3	27	41.98
		med	7.33	10.8	15	18.7	23.54	38.93
		min	5.4	9.2	12.5	16.7	19.6	35.24
Water flow in heating 2 pipes [l/h]	(2)	max	Water flow values as Cooling, accordingly to the EUROVENT standards and UNI ENV 1397					
		med						
		min						
Pressure drop in heating 2 pipes [kPa]	(2)	max	16.3	28	31.7	44.8	15	38.4
		med	11.3	21.5	25.1	35.5	11.7	33.5
		min	5.8	16.4	18.4	29.3	8.4	27.9
Heating capacity 2 pipes [kW]	(3)	max	16.98	23.81	29.38	37.03	55.33	71.56
		med	12.36	18.12	23.78	31.53	48.54	66.31
		min	7.43	15.04	19.90	27.62	35.05	59.91
Water flow in heating 2 pipes [l/h]	(3)	max	1503	2007	2366	2782	4702	5724
		med	1093	1557	1985	2389	4173	5286
		min	649	1290	1620	2108	3211	4826
Pressure drop in heating 2 pipes [kPa]	(3)	max	24.1	39.9	38.5	54.1	29.9	46.7
		med	12.6	24.9	27.5	40.4	23.8	40.5
		min	4.4	17.6	16.0	31.4	14.6	33.4
Air flow [m <sup>3</sup> /h]		max	1145	1910	2590	3390	3960	5597
		med	920	1520	2080	2840	3150	5075
		min	620	1205	1630	2430	2530	4504
Sound power level [dB(A)]		max	68.5	68.2	70.3	71.9	76.4	79.0
		med	58.0	60.0	62.0	67.0	72.8	76.9
		min	43.1	55.4	56.3	63.5	64.1	74.4
Sound pressure level [dB(A)]	(4)	max	59.0	58.7	60.8	62.4	66.9	69.5
		med	48.5	50.5	52.5	57.5	63.3	67.4
		min	33.6	45.9	46.8	54.0	54.6	64.9
Power supply [V-ph-Hz]		230 / 1 / 50						
Power input [W]	max	171	352	459	658	945	1 724	
Absorbed current [A]	max	0.82	1.80	2.19	3.08	4.56	7.77	
Dimensions	Height	mm	407.6	407.6	407.6	407.6	517.6	517.6
	Width	mm	902	902	902	902	1 160	1 160
	Depth	mm	989.6	989.6	1 239.6	1 239.6	1 634.6	1 634.6

(1) Room temperature 27°C d.b., 19°C w.b. - Water temperature 7/12 °C

(2) Room temperature 20°C - Water inlet temperature: 50°C

(3) Room temperature 20°C - Water inlet temperature: 70/60°C

(4) Sound pressure level in a 100 m<sup>3</sup> room, at 1 m distance and reverberating time of 0.3 s.

4 pipe system not available with 4R heating coil



Manufacturer reserves the rights to change specifications without prior notice.