

YHVP & YHVP-ECM Hydro High Wall

2 pipe system

A range from 1.17 to 3.81 kW



JWC-T. Wired Control

Remote three speeds controller, electronic thermostat and Summer/Winter switch

JWC-AU. Wired Control

Automatic JWC-T



Electronic Infrared Control



TUC03 Terminal unit controller

BacNET and N2 Metasys network compatible

Features

- Available with standard AC motors or low energy EC motors
- Wired control or infrared control
- Automatic air sweep (-T and -MB variants only)
- Choice of 2 or 3 way valves fitted
- Condensate collection tray
- Air filter included
- Heat exchange coil



2 Way Valve ON/OFF

with thermoelectric actuator.
Suitable for the connection with Ø 12 mm pipes

Wired control (YHVP)

- 4 operation modes (Cool/Heat/Auto/Fan)
- Room temperature and setting
- Fan speed selector (Auto, low, medium and high)

Infrared control (YHVP-T)

- Wireless
- 5 operation modes (Cool/Heat/Auto/Dry/Fan)
- Sleep Mode
- Room Temperature setting
- Fan speed selection
- Timer
- Air flow direction setting
- LCD display

Note: model shown is -T variant with automatic air sweep function

YHVP & YHVP-ECM Hydro High Wall

1.17 to 3.81 kW



Technical features

Model			YHVP 1	YHVP 2	YHVP 3	YHVP 4
Total cooling capacity [kW]	(1)	max	1.87	2.18	3.03	3.81
		med	1.5	1.84	2.32	3.26
		min	1.24	1.43	1.89	2.62
Sensible cooling capacity [kW]	(1)	max	1.46	1.75	2.27	2.98
		med	1.14	1.43	1.69	2.47
		min	0.92	1.07	1.35	1.93
Heating capacity [kW]	(2)	max	2.58	3.09	3.86	5.07
		med	2	2.39	2.84	4.20
		min	1.6	1.88	2.26	3.26
Air flow [m3/h]		max	375	480	545	790
		med	270	365	375	610
		min	205	250	280	440
Sound power level [dB(A)]		max	48	53	48	57
		med	41	47	40	51
		min	35	39	35	43
Sound pressure level [dB(A)]	(3)	max	39	44	39	48
		med	32	38	31	42
		min	26	30	26	34
Power supply [V-ph-Hz]		230V/1ph/50Hz				
Power input [W]	max	30	32	46	48	
Absorbed current [A]	max	0.16	0.16	0.23	0.23	
Dimensions	Height	mm	322	322	322	322
	Width	mm	880	880	1 185	1 185
	Depth	mm	212	212	212	212

(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 - Water flow rate as for the cooling conditions.

(3) Sound pressure level in a 100 m² room, at 1,5 m distance and riverberating time of 0,3 s.

* Water flow values as Cooling, accordingly to the EUROVENT standards and UNI ENV 1397

Technical features

Model			YHVP-ECM 1	YHVP-ECM 2	YHVP-ECM 3	YHVP-ECM 4
Total cooling capacity [kW]	(1)	max 10v	2.00	2.26	3.29	3.75
		med 5v	1.58	1.87	2.53	3.05
		min 1v	1.17	1.47	1.83	2.34
Sensible cooling capacity [kW]	(1)	max	1.57	1.83	2.50	2.92
		med	1.20	1.46	1.86	2.29
		min	0.86	1.10	1.31	1.70
Heating capacity [kW]	(2)	max	2.78	3.23	4.25	4.99
		med	2.12	2.58	3.15	3.88
		min	1.50	1.94	2.20	2.87
Air flow [m3/h]		max	415	510	620	770
		med	290	375	420	550
		min	190	260	270	375
Sound power level [dB(A)]		max	52	55	53	57
		med	46	47	45	49
		min	37	40	37	43
Sound pressure level [dB(A)]	(3)	max	43	46	44	48
		med	37	38	36	40
		min	28	31	28	34
Power supply [V-ph-Hz]			230V/1ph/50Hz			
Power input [W]	max	15	21	20	30	
Absorbed current [A]	max	0.14	0.19	0.18	0.26	
Dimensions	Height	mm	322	322	322	322
	Width	mm	880	880	1 185	1 185
	Depth	mm	212	212	212	212

(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 - Water flow rate as for the cooling conditions.

(3) Sound pressure level in a 100 m² room, at 1,5 m distance and riverberating time of 0,3 s.

* Water flow values as Cooling, accordingly to the EUROVENT standards and UNI ENV 1397



Manufacturer reserves the rights to change specifications without prior notice.

Codes high wall fan coil units YHVP

Unit without IR control without valve	YHVP 1	YHVP 2	YHVP 3	YHVP 4
Unit codes	0025001K	0025002K	0025003K	0025004K
Unit without IR control with 2 way valve	YHVP-2V 1	YHVP-2V 2	YHVP-2V 3	YHVP-2V 4
Unit codes	0025101K	0025102K	0025103K	0025104K
Unit without IR control with 3 way valve	YHVP-3V 1	YHVP-3V 2	YHVP-3V 3	YHVP-3V 4
Unit codes	0025201K	0025202K	0025203K	0025204K
Unit with IR control without valve	YHVP-T 1	YHVP-T 2	YHVP-T 3	YHVP-T 4
Unit codes	0025021K	0025022K	0025023K	0025024K
Unit with IR control with 2 way valve	YHVP-T-2V 1	YHVP-T-2V 2	YHVP-T-2V 3	YHVP-T-2V 4
Unit codes	0025121K	0025122K	0025123K	0025124K
Unit with IR control with 3 way valve	YHVP-T-3V 1	YHVP-T-3V 2	YHVP-T-3V 3	YHVP-T-3V 4
Unit codes	0025221K	0025222K	0025223K	0025224K
Unit with MB board without valve	YHVP-MB 1	YHVP-MB 2	YHVP-MB 3	YHVP-MB 4
Unit codes	0025011K	0025012K	0025013K	0025014K
Unit with MB board with 2 way valve	YHVP-MB-2V 1	YHVP-MB-2V 2	YHVP-MB-2V 3	YHVP-MB-2V 4
Unit codes	0025111K	0025112K	0025113K	0025114K
Unit with MB board with 3 way valve	YHVP-MB-3V 1	YHVP-MB-3V 2	YHVP-MB-3V 3	YHVP-MB-3V 4
Unit codes	0025211K	0025212K	0025213K	0025214K
Unit without IR control without valve with electrical coil	YHVP-E 1	YHVP-E 2	YHVP-E 3	YHVP-E 4
Unit codes	0025031K	0025032K	0025033K	0025034K
Unit without IR control with 2 way valve with electrical coil	YHVP-E-2V 1	YHVP-E-2V 2	YHVP-E-2V 3	YHVP-E-2V 4
Unit codes	0025131K	0025132K	0025133K	0025134K
Unit without IR control with 3 way valve with electrical coil	YHVP-E-3V 1	YHVP-E-3V 2	YHVP-E-3V 3	YHVP-E-3V 4
Unit codes	0025231K	0025232K	0025233K	0025234K
Unit with IR control without valve with electrical coil	YHVP-T-E 1	YHVP-T-E 2	YHVP-T-E 3	YHVP-T-E 4
Unit codes	0025041K	0025042K	0025043K	0025044K
Unit with IR control with 2 way valve with electrical coil	YHVP-T-E-2V 1	YHVP-T-E-2V 2	YHVP-T-E-2V 3	YHVP-T-E-2V 4
Unit codes	0025141K	0025142K	0025143K	0025144K
Unit with IR control with 3 way valve with electrical coil	YHVP-T-E-3V 1	YHVP-T-E-3V 2	YHVP-T-E-3V 3	YHVP-T-E-3V 4
Unit codes	0025241K	0025242K	0025243K	0025244K
Unit with MB board without valve with electrical coil	YHVP-MB-E 1	YHVP-MB-E 2	YHVP-MB-E 3	YHVP-MB-E 4
Unit codes	0025051K	0025052K	0025053K	0025054K
Unit with MB board with 2 way valve with electrical coil	YHVP-MB-E-2V 1	YHVP-MB-E-2V 2	YHVP-MB-E-2V 3	YHVP-MB-E-2V 4
Unit codes	0025151K	0025152K	0025153K	0025154K
Unit with MB board with 3 way valve with electrical coil	YHVP-MB-E-3V 1	YHVP-MB-E-3V 2	YHVP-MB-E-3V 3	YHVP-MB-E-3V 4
Unit codes	0025251K	0025252K	0025253K	0025254K

Controls

JWM-3V Wall control	9066642
JWC-T Wall control	9066630K
JWC-TQR Wall control	9066631K
TMO-503-SV2 Wall control	9060172
T2T Wall control	9060174
JTM-B Wall control (to be used with MB board only)	9066331E
RT03 infra-red remote control with receiver supplied with separate packaging (to be used with MB board only)	9025301
RT03 infra-red remote control supplied with separate packaging (to be used with MB board only)	3021203
Receiver for RT03 infra-red remote control supplied with separate packaging (to be used with MB board only)	9025300
PSM-DI Multifunction control (to be used with MB board only)	3021293
SEL-CVP Speed switch for controls: JWC-T, JWC-TQR and TMO-503-SV2.	9025302

Electronic control accessories

NTC low temperature cut-out thermostat for control JWC-TQR	3021090
TMM low temperature cut-out thermostat for control JWC-T	9053048
Change-Over CH 15-25 for control JWC-TQR	9053049
T2 Sensor (to be used as change-over or low temperature cut-out - for MB only)	9025310

Management system for a network of fan coils with MB electronic board

Hardware / software supervisory system Net	9079118
Router S	3021290
Relay output board SIOS	3021292
Router BMS for BMS systems which are not provided by YORK	3021340

Codes high wall fan coil units YHVP-ECM

Unit without IR control without valve	YHVP-ECM 1	YHVP-ECM 2	YHVP-ECM 3	YHVP-ECM 4
Unit codes	0025501K	0025502K	0025503K	0025504K
Unit without IR control with 2 way valve	YHVP-ECM-2V 1	YHVP-ECM-2V 2	YHVP-ECM-2V 3	YHVP-ECM-2V 4
Unit codes	0025601K	0025602K	0025603K	0025604K
Unit without IR control with 3 way valve	YHVP-ECM-3V 1	YHVP-ECM-3V 2	YHVP-ECM-3V 3	YHVP-ECM-3V 4
Unit codes	0025701K	0025702K	0025703K	0025704K
Unit with IR control without valve	YHVP-ECM-T 1	YHVP-ECM-T 2	YHVP-ECM-T 3	YHVP-ECM-T 4
Unit codes	0025521K	0025522K	0025523K	0025524K
Unit with IR control with 2 way valve	YHVP-ECM-T-2V 1	YHVP-ECM-T-2V 2	YHVP-ECM-T-2V 3	YHVP-ECM-T-2V 4
Unit codes	0025621K	0025622K	0025623K	0025624K
Unit with IR control with 3 way valve	YHVP-ECM-T-3V 1	YHVP-ECM-T-3V 2	YHVP-ECM-T-3V 3	YHVP-ECM-T-3V 4
Unit codes	0025721K	0025722K	0025723K	0025724K
Unit with MB board without valve	YHVP-ECM-MB 1	YHVP-ECM-MB 2	YHVP-ECM-MB 3	YHVP-ECM-MB 4
Unit codes	0025511K	0025512K	0025513K	0025514K
Unit with MB board with 2 way valve	YHVP-ECM-MB-2V 1	YHVP-ECM-MB-2V 2	YHVP-ECM-MB-2V 3	YHVP-ECM-MB-2V 4
Unit codes	0025611K	0025612K	0025613K	0025614K
Unit with MB board with 3 way valve	YHVP-ECM-MB-3V 1	YHVP-ECM-MB-3V 2	YHVP-ECM-MB-3V 3	YHVP-ECM-MB-3V 4
Unit codes	0025711K	0025712K	0025713K	0025714K
Unit without IR control without valve with electrical coil	YHVP-ECM-E 1	YHVP-ECM-E 2	YHVP-ECM-E 3	YHVP-ECM-E 4
Unit codes	0025531K	0025532K	0025533K	0025534K
Unit without IR control with 2 way valve with electrical coil	YHVP-ECM-E-2V 1	YHVP-ECM-E-2V 2	YHVP-ECM-E-2V 3	YHVP-ECM-E-2V 4
Unit codes	0025631K	0025632K	0025633K	0025634K
Unit without IR control with 3 way valve with electrical coil	YHVP-ECM-E-3V 1	YHVP-ECM-E-3V 2	YHVP-ECM-E-3V 3	YHVP-ECM-E-3V 4
Unit codes	0025731K	0025732K	0025733K	0025734K
Unit with IR control without valve with electrical coil	YHVP-ECM-T-E 1	YHVP-ECM-T-E 2	YHVP-ECM-T-E 3	YHVP-ECM-T-E 4
Unit codes	0025541K	0025542K	0025543K	0025544K
Unit with IR control with 2 way valve with electrical coil	YHVP-ECM-T-E-2V 1	YHVP-ECM-T-E-2V 2	YHVP-ECM-T-E-2V 3	YHVP-ECM-T-E-2V 4
Unit codes	0025641K	0025642K	0025643K	0025644K
Unit with IR control with 3 way valve with electrical coil	YHVP-ECM-T-E-3V 1	YHVP-ECM-T-E-3V 2	YHVP-ECM-T-E-3V 3	YHVP-ECM-T-E-3V 4
Unit codes	0025741K	0025742K	0025743K	0025744K
Unit with MB board without valve with electrical coil	YHVP-ECM-MB-E 1	YHVP-ECM-MB-E 2	YHVP-ECM-MB-E 3	YHVP-ECM-MB-E 4
Unit codes	0025551K	0025552K	0025553K	0025554K
Unit with MB board with 2 way valve with electrical coil	YHVP-ECM-MB-E-2V 1	YHVP-ECM-MB-E-2V 2	YHVP-ECM-MB-E-2V 3	YHVP-ECM-MB-E-2V 4
Unit codes	0025651K	0025652K	0025653K	0025654K
Unit with MB board with 3 way valve with electrical coil	YHVP-ECM-MB-E-3V 1	YHVP-ECM-MB-E-3V 2	YHVP-ECM-MB-E-3V 3	YHVP-ECM-MB-E-3V 4
Unit codes	0025751K	0025752K	0025753K	0025754K

Controls

WM-S-ECM continuous fan speed control with S/W switch and liquid crystal display	9066644
JTM-B Wall control (to be used with MB board only)	9066331E
RT03 infra-red remote control with receiver supplied with separate packaging (to be used with MB board only)	9025301
RT03 infra-red remote control supplied with separate packaging (to be used with MB board only)	3021203
Receiver for RT03 infra-red remote control supplied with separate packaging (to be used with MB board only)	9025300
PSM-DI Multifunction control (to be used with MB board only)	3021293

Electronic control accessories

T2 Sensor (to be used as change-over or low temperature cut-out - for MB only)	9025310
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