

# YHVP & YHVP-ECM Hydro High Wall

2 pipe system

A range from 1.17 kW 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
- EUROVENT Certified



**2 Way Valve ON/OFF**  
with thermoelectric actuator.  
Suitable for the connection with  $\varnothing$  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 kW to 3.81 kW



## Technical features

Model		YHVP 1	YHVP 2	YHVP 3	YHVP 4
Total cooling capacity [kW]	(1) max	1.85	2.16	3.00	3.76
	med	1.49	1.82	2.30	3.23
	min	1.23	1.42	1.87	2.60
Sensible cooling capacity [kW]	(1) max	1.44	1.73	2.24	2.93
	med	1.13	1.41	1.67	2.44
	min	0.91	1.06	1.33	1.91
Heating capacity [kW]	(2) max	2.18	2.62	3.23	4.28
	med	1.68	2.13	2.37	3.53
	min	1.34	1.58	1.89	2.73
Air flow [m <sup>3</sup> /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: 45/40°C.

(3) The sound pressure levels are 9 dB(A) lower than the sound power levels and apply to the reverberant field of a 100 m<sup>3</sup> room and a reverberation time of 0.5 sec.

## ECM the Energy Saving Technology

Brushless motor with inverter managed by dedicated controls. It permits to maintain extremely low electrical absorption and a continuous modulation of the air flow.

## Technical features

Model		YHVP-ECM 1	YHVP-ECM 2	YHVP-ECM 3	YHVP-ECM 4
Total cooling capacity [kW]	(1) max 10v	1.98	2.24	3.27	3.72
	med 5v	1.57	1.86	2.52	3.03
	min 1v	1.16	1.46	1.82	2.33
Sensible cooling capacity [kW]	(1) max	1.56	1.81	2.48	2.89
	med	1.19	1.45	1.85	2.27
	min	0.85	1.09	1.30	1.69
Heating capacity [kW]	(2) max	2.35	2.74	3.57	4.20
	med	1.78	2.18	2.63	3.26
	min	1.26	1.63	1.83	2.40
Air flow [m <sup>3</sup> /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	35	40	37	43
Sound pressure level [dB(A)]	(3) max	43	46	44	48
	med	37	38	36	40
	min	26	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: 45/40°C.

(3) The sound pressure levels are 9 dB(A) lower than the sound power levels and apply to the reverberant field of a 100 m<sup>3</sup> room and a reverberation time of 0.5 sec.



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

WM-3V Wall control	9066642
JWC-T Wall control	9066630K
JWC-TQR Wall control	9066631K
T2T Wall control	9060174
T-MB 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 and JWC-TQR	9025302
<b>Electronic control accessories</b>	
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
<b>Management system for a network of fan coils with MB electronic board</b>	
Hardware / software supervisory system Net	9079118
Router-S for NET (default) or for BMS systems no provided by YORK	3021290
Relay output board SIOS	3021292

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

## Controls

WM-S-ECM continuous fan speed control with S/W switch and liquid crystal display	9066644
T-MB 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
<b>Electronic control accessories</b>	
T2 Sensor (to be used as change-over or low temperature cut-out - for MB only)	9025310
<b>Management system for a network of fan coils with MB electronic board</b>	
Hardware / software supervisory system Net	9079118
Router-S for NET (default) or for BMS systems no provided by YORK	3021290
Relay output board SIOS	3021292