

Fixed Speed
Cooling only

X WC VERTICAL WATER CABINET



+ PRODUCTS

- Easy installation and maintenance.
- Public or recycled water operation.
- Air discharge through duct network or plenum.
- Adjustable available static pressure.

FEATURES

TECHNOLOGY:



R407C FLUID

MAIN OPTIONS

- Room thermostat.
- Electrical heater.
- Hot water heating coil.
- Remote fault reporting.
- Plenum.
- Duct flange.



Plenum optional

- Monobloc system.
- Temperature control by thermostat on the front frame or by a remote control (optional).
- Electrical, refrigeration and thermal protection devices.
- “High ventilation” in standard for CX25 and 1900.
- “Plug & Play” to replace old Airwell vertical cabinet.

OPERATING LIMIT FOR STANDARD UNIT

Cooling mode

Minimum air temperature	21°C DB/15°C WB
Maximum air temperature	32°C DB/23°C WB
Minimum water temperature	+10°C
Maximum water temperature	+30°C

X WC TECHNICAL DATA

Indoor unit			CX 25	X WC 1900	X WC 2450	X WC 3250	X WC 4650	
Unit with valve	Part nb.		7XU012192	7XU012187	7XU012029	7XU012030	7XU012031	
Phase			Three phase	Three phase	Three phase	Three phase	Three phase	
RATED POWER								
Cooling	Power	kW	8	18.0	23.0	32.4	45.7	
	Nominal power input Cooling + Ventilation (SV/HV)	Wasted water	kW	2.1/2.6	5.1/5.6	6.4/6.8	9.2/10.3	13.5/14.5
		Recycled water	kW	-	4.6/5.1	5.8/6.2	8.3/9.4	12.4/13.4
	Nominal power input Electrical Heating + Ventilation (SV/HV)		kW	3.8/4.6	9.2/10.4	13.6/14	16.8/17.6	28.8/30
	EER			3.80	3.52	3.59	3.52	3.38
Cooling circuit			1	1	1	1	2	
VENTILATION								
Available static pressure	Pa		100	250	230	250	250	
Available static pressure (HV)	Pa		320	400	400	480	480	
Nominal airflow	m³/h		1500	3200	4500	5800	9000	
Airflow range (min./max.)	m³/h		1200/1850	2500/3800	3600/5400	4600/7000	7200/10800	
HYDRAULIC CIRCUIT								
Wasted water	Water flow	m³/h	0.34	0.95	1	1.7	2.8	
	Pressure drop	kPa	6	30	22	35	18	
Recycled water	Water flow	m³/h	1.47	3.05	4.3	5.8	8.3	
	Pressure drop	kPa	35	65	60	40	56	
Refrigerant/GWP			R407C/1774	R407C/1774	R407C/1774	R407C/1774	R407C/1774	
Charge	kg		1.18	2.269 Wasted water/2.85 Recycled water	5.22	6.615		
SOUND LEVELS								
Sound power level*	dB(A)		51	55	58	64	60	
POWER SUPPLY								
Phase/Tension/Frequency			3P/400V/50Hz/N					
DIMENSIONS								
Indoor unit (WxHxD)	mm		800x1280x407	1000x1735x474	1300x1840x600	1530x1840x600	1715x1970x790	
Plenum height	mm		300	260	350	350	400	
WEIGHT								
Indoor unit	kg		125	199	305	380	565	
ACCESSORIES								
Electric heater (3P/400V/50Hz)	kW		5.4	12	18	22.5	37.5	
	Part nb.		7ACEL0018	7ACEL0043	7ACEL0057	7ACEL0058	7ACEL0116	
On/Off switch and room thermostat	Part nb.		7ACEL0030	7ACEL0041	7ACEL0032	7ACEL0032	7ACEL0032	
Remote fault reporting	Part nb.		-	-	7ACEL0072	7ACEL0072	7ACEL0071	
Air distribution duct frame	Part nb.		-	7ACVF0102	7ACVF0050	7ACVF0051	7ACVF0052	
Total rear air intake duct frame	Part nb.		-	7ACVF0104	-	-	-	
Front air distribution plenum	Part nb.		7ACVF0112	7ACVF0106	7ACVF0108	7ACVF0109	7ACVF0110	
Fresh air supplied	Part nb.		-	7ACVF0047	-	-	-	

* Total sound pressure dB(A) (4m) under nominal conditions in a room of 1000m³ (reverberation 0.83s).