

# X AC - X WC

## VERTICAL AIR/WATER CABINET

*Airwell*

*Just feel well*



X AC range is  
electromechanical  
→ High reliability



### + PRODUCTS

- Easy installation and maintenance.
- “Plug & Play” for replacement.
- Air discharge through duct network or plenum.
- Adjustable available static pressure.
- Public or recycled water operation (X WC).

### FEATURES



### MAIN OPTIONS

- Room thermostat.
- Hot water heating coil.
- Remote fault reporting.
- Plenum, fresh air.
- “All season” system (cooling mode operation down to outdoor temperature of -10°C) (X AC).
- Pipe link (10 m) (X AC).
- Duct flange (X WC).

### MANDATORY ACCESSORIES

- Set of female valves (X AC).

- X AC is split system with outdoor condenser fan unit.
- X WC is 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 XAC 1200 and 1900, CX25, XWC 1200 and 1900.
- “Plug & Play” to replace old Airwell vertical cabinet.
- Available with or without neutral in 3P/400V/50Hz (X AC).
- High ventilation kit and electrical heater factory mounted or in accessory on demand (X AC).

### X AC TECHNICAL DATA

Indoor units		X AC 1200	X AC 1900	X AC 2450	X AC 3250	X AC 4650	X AC 6450
Outdoor units		CONA 34	CONA 54	CONA 74	CONA 104	CONA 74	CONA 104

#### PRODUCT CODES

Indoor units with neutral	Standard	Code	7XU122245	7XU122267	7XU122078	7XU122079	7XU122080	7XU122081
	With electrical heater	Code	7XU122248	7XU122249	7XU122250	7XU122251	7XU122252	7XU122253
	With high ventilation	Code	7XU122245	7XU122267	7XU122256	7XU122257	7XU122258	7XU122259
Outdoor units with neutral	Standard	Code	7XU131025	7XU131026	7XU131027	7XU131028	2 x 7XU131027	2 x 7XU131028
	With all season control	Code	7XU131083	7XU131059	7XU131058	7XU131060	2 x 7XU131058	2 x 7XU131060
Indoor units	Without neutral	Code	7XU122266	On demand	7XU122221S	7XU122222S	7XU122224S	7XU122227S
Outdoor units	Without neutral, with all season control	Code	7XU131084	7XU131068S	7XU131064S	7XU131063S	2 x 7XU131064S	2 x 7XU131063S

#### RATED POWERS

	Power	kW	12.3	16.2	19.8	29.0	38.9	55.0
Cooling	Nominal power input Cooling + Ventilation (SV/HV)	kW	4.2/4.4	5.7/6.2	7.1/7.5	10.2/11.3	15/16	22.2/23.7
	Nominal power input Electrical Heating + Ventilation (SV/HV)	kW	7.6/8	9.2/10.4	13.6/14	16.8/17.6	28.8/6	35.2/36.4
	EER		2.93	2.84	2.78	2.84	2.6	2.5
	Cooling circuit	nb	1	1	1	1	2	2

#### INDOOR UNIT

Power supply		400V/3P/50Hz + neutral depending on models						
Ventilation	Available static pressure	Pa	200	300	200	200	250	290
	Available static pressure (HV)	Pa	200	380	400	400	480	480
	Nominal airflow	m³/h	2000	3200	4500	5800	9000	12000
	Airflow range (min/max)	m³/h	1500/2500	2500/3800	3600/5400	4600/7000	7200/10800	9500/14500
Sound levels	Sound power level	dB(A)	56	68	75	81	77	85
Dimensions	WxHxD	mm	890x1540x430	1000x1735x500	1300x1840x600	1530x1840x600	1715x1970x790	1980x1970x790
	Plenum height	mm	220	260	350	350	400	400
Weight	Indoor unit	kg	136	182	265	350	525	600

#### OUTDOOR UNIT

Power supply		400V/3P/N/50Hz						
Condenser unit		1	1	1	1	2	2	
Ventilation	Max. airflow	m³/h	8600	7600	8550	14000	8550	14000
	Speed	tr/mn	870					
Sound levels	Sound power level	dB(A)	52	58	61	73	64	76
Dimensions	WxHxD	mm	885x840x825	885x840x825	1141x840x885	1546x840x885	1141x840x885	1546x840x885
Weight	Outdoor unit	kg	59	68	93	130	93	130
Pipe line	Suction pipe diameter	inches	1/2"	1/2"	5/8"	3/4"	5/8"	3/4"
	Liquid pipe diameter	inches	3/8"	3/8"	1/2"	5/8"	1/2"	5/8"
	Max. length	m	45	45	45	45	45	45

#### ACCESSORIES

Set of female valves	Code	7ACFH0054	7ACFH0055	7ACFH0056	7ACFH0061	7ACFH0057	7ACFH0060
Pipe link - Length 10m	Code	7ACFH0210	7ACFH0211	7ACFH0212	7ACFH0213	7ACFH0214	7ACFH0215
Hot water coil	kW	15.5	29.7	38.5	50	77	94
	Code	7ACFH0062	7ACFH0063	7ACFH0064	7ACFH0118	7ACFH0180	7ACFH0170
ON/OFF switch and room thermostat	Code	7ACEL0041	7ACEL0041	7ACEL0032	7ACEL0032	7ACEL0032	7ACEL0032
Remote fault reporting	Code	On demand	On demand	7ACEL0072	7ACEL0072	7ACEL0071	7ACEL0071
Air distribution duct frame	Code	7ACVF0582	7ACVF0102	7ACVF0050	7ACVF0051	7ACVF0052	7ACVF0052
Total rear air intake duct frame	Code	7ACVF0041	7ACVF0104	7ACVF0043	7ACVF0044	7ACVF0045	7ACVF0046
Front air distribution plenum	Code	7ACVF0105	7ACVF0106	7ACVF0108	7ACVF0109	7ACVF0110	7ACVF0111
Fresh air supplied	Code	7ACVF0047	7ACVF0047	On demand	On demand	On demand	On demand

### X WC TECHNICAL DATA

Indoor units			CX 25	X WC 1200	X WC 1900	X WC 2450	X WC 3250	X WC 4650	
<b>PRODUCT CODES</b>									
400V/3P/50 Hz	With valve	Code	7XU012192	7XU012190	7XU012187	7XU012029	7XU012030	7XU012031	
<b>RATED POWERS</b>									
Cooling	<b>Power</b>		<b>kW</b>	<b>8</b>	<b>15.0</b>	<b>18.0</b>	<b>23.0</b>	<b>32.4</b>	<b>45.7</b>
	Nominal power input Cooling + Ventilation (SV/HV)	Wasted water	kW	2.1/2.6	3.8/4	5.1/5.6	6.4/6.8	9.2/10.3	13.5/14.5
		Recycled water	kW	-	3.6/3.8	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	9.4/9.6	9.2/10.4	13.6/14	16.8/17.6	28.8/30
	EER			3.80	3.94	3.52	3.59	3.52	3.38
	Cooling circuit			1	1	1	1	1	2
<b>VENTILATION</b>									
Available static pressure		Pa	100	200	250	230	250	250	
Available static pressure (HV)		Pa	320	380	400	400	480	480	
Nominal airflow		m³/h	1500	2000	3200	4500	5800	9000	
Airflow range (min/max)		m³/h	1200/1850	1500/2500	2500/3800	3600/5400	4600/7000	7200/10800	
<b>HYDRAULIC CIRCUIT</b>									
Wasted water	Water flow	m³/h	0.34	0.91	0.95	1	1.7	2.8	
	Pressure drop	kPa	6	37	30	22	35	18	
Recycled water	Water flow	m³/h	1.47	3.16	3.05	4.3	5.8	8.3	
	Pressure drop	kPa	35	80	65	60	40	56	
<b>SOUND LEVELS</b>									
Sound power level*		dB(A)	51	51	55	58	64	60	
<b>POWER SUPPLY</b>									
Power supply			400V/3P/50 Hz						
<b>DIMENSIONS</b>									
Indoor unit (WxHxD)		mm	800x1280x407	890x1540x404	1000x1735x474	1300x1840x600	1530x1840x600	1715x1970x790	
Plenum height		mm	300	220	260	350	350	400	
<b>WEIGHT</b>									
Indoor unit		kg	125	151	199	305	380	565	
<b>ACCESSORIES</b>									
Electric heater (400V/3P/50 Hz)	kW		5.4	9	12	18	22.5	37.5	
	Code		7ACEL0018	7ACEL0042	7ACEL0043	7ACEL0057	7ACEL0058	7ACEL0116	
Hot water coil	kW		-	15.5	29.7	38.5	50	77	
	Code		-	7ACFH0062	7ACFH0063	7ACFH0064	7ACFH0118	7ACFH0180	
ON/OFF switch and room thermostat	Code		7ACEL0030	7ACEL0041	7ACEL0041	7ACEL0032	7ACEL0032	7ACEL0032	
Sum heating resistance	Code		7ACEL0027	7ACEL0029	included	-	-	-	
Remote fault reporting	Code		-	-	-	7ACEL0072	7ACEL0072	7ACEL0071	
Air distribution duct frame	Code		-	7ACVF0101	7ACVF0102	7ACVF0050	7ACVF0051	7ACVF0052	
Total rear air intake duct frame	Code		-	7ACVF0041	7ACVF0104	-	-	-	
Front air distribution plenum	Code		7ACVF0112	7ACVF0105	7ACVF0106	7ACVF0108	7ACVF0109	7ACVF0110	
Fresh air supplied	Code		-	7ACVF0047	7ACVF0047	-	-	-	

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



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