

CRAC ME SERIES

PRECISION COOLING AIR-COOLED (AC) / WATER COOLED (WC)

CAPACITY : 25kW to 100kW
MODULAR & CUSTOMIZABLE

CANATEC ME Series (Air-Cooled or Water Cooled) offers compact, modular floor standing units for higher cooling capacity at a smaller footprint, powered by intelligent network and variable speed control.

CANATEC ME Series is specifically designed for precise environmental control applications:

- Data Centres & Server Rooms
- Production Facilities
- Telecommunications Structures



Key Features TAILORED SOLUTIONS



ELECTRONIC EXPANSION VALVES

Automatic adjustment according to heat load requirement.



SYMMETRICAL A/V COIL DESIGNS

Uniformed air return and low resistance.



CO-WORK™

Enables main board linkage between units for enhanced backup.



R407C OR R410A

Higher efficiency reffridgerant.



BACKWARD CURVED EC FAN

Easy to clean for sustained performance.



UPTHROW OR DOWNTHROW

Different options for air distribution according to requirements.



ACCESSIBLE DESIGN

Front & side panels allow for ease of maintenance.



SMART CONTROLLER

Multiple monitoring functions and BMS connection capabilities.

Model		0251	0301	0351	0401	0501	0302	0402	0502	0602	0702	0802	0902	1002	1102		
AIR-COOLED – MEAU/D** E(M) – DB24°C / 50%RH																	
Total Cooling Capacity	kW	26.2	30.4	35.3	41.2	50.2	31.8	40.8	51.9	60.4	70.1	80.5	90.9	100.5	108.5		
Sensible Cooling Capacity	kW	25.1	28.5	32.5	37.2	46.1	30.1	38.1	47.2	55.5	65.0	72.5	83.8	92.1	100.5		
WATER-COOLED – MEWU/D** E(M) – Two-way Valve – Condenser Water Inlet Temperature 32°C, Outlet Water Temperature 37°C																	
Flow Rate	l/s	1.8	2.1	2.6	2.6	3.1	2.0	2.7	3.5	4.1	4.8	5.2	5.6	6.2	6.4		
Water Pressure Drop	kPa	60	75	71	71	82	42	48	60	75	81	71	78	82	90		
In/Outlet Pipe	mm	35	42	42	42	54	42	42	54	54	67	67	67	67	67		
Indoor Fan – Backward Curved EC Fan																	
Air Volume	m ³ /h	7200	9520	11590	11590	12610	8610	11650	13560	16950	19040	20640	23180	25820	27500		
Power	kW	3.0	3.0	3.0	3.0	3.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0		
External Static Pressure	Pa	75	75	75	75	75	75	75	75	75	75	75	75	75	75		
Fan Quantity	No.	1	1	1	1	1	1	1	1	2	2	2	2	2	2		
Compressor – Scroll Type																	
Power	kW	9.6	11.6	12.8	14.7	17.1	11.3	14.6	19.2	23.1	25.5	29.3	34.1	34.1	34.1		
Compressor Quantity	No.	1	1	1	1	1	2	2	2	2	2	2	2	2	2		
Heater – PTC Heater Note: Maximum power for single system 15kW, dual system 30kW																	
Power	kW	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
Humidifier – Electrode Steam Humidifier Note: The humidification amount is up to 15kg/h																	
Humidification Rate	kg/h	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
Power	kW	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8		
Pipe Connection Size																	
Liquid Pipe	mm	16	16	16	16	16	16	16	16	16	16	16	16	16	16		
Exhaust Pipe	mm	22	22	22	22	22	22	22	22	22	22	22	22	22	22		
Humidifier Inlet Pipe	mm	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
Drain Pipe	mm	25	25	25	25	25	25	25	25	25	25	25	25	25	25		
Electrical Parameters – 380V-420V, 50Hz																	
Full Load Current	A	33	35	40	43	50	47	51	60	65	69	74	88	88	95		
Indoor Unit – Dimensions & Weight																	
Length x Width x Height	mm	880 x 1000 x 1980				1475 x 1000 x 1980				1710 x 1000 x 1980				2375 x 1000 x 1980			
Weight	kg	325	362	390	410	550	515	570	640	645	670	690	855	855	885		
Outdoor Condenser – Model & Quantity																	
Model (NACD**)	/	18	22	26	26	30	12	18	18	22	26	26	30	30	34		
Condenser Quantity	No.	1	1	1	1	1	1	2	2	2	2	2	2	2	2		
Outdoor Condenser – Technical Parameters																	
Model	Length (mm)	Width (mm)	Height (mm)	Height [†] (mm)	Air Volume (m ³ /h)	Power (kW)	Weight (kg)	Power Supply									
NACD08	1475	1235	1092	616	9400	0.67	115	220V, 1N~50Hz									
NACD12	1075	1035	1092	616	8600	0.67	83	220V, 1N~50Hz									
NACD18	1475	1235	1092	616	9400	0.67	115	220V, 1N~50Hz									
NACD22	1475	1235	1144	668	13250	0.90	135	380V, 3N~50Hz									
NACD26	2070	1235	1092	616	17000	1.34	165	220V, 1N~50Hz									
NACD30	2070	1235	1104	628	21000	2.00	195	380V, 3N~50Hz									
NACD34	2375	1336	1144	668	25000	2.10	234	380V, 3N~50Hz									

1. Height : Height with floor stand
2. Height[†]: Height without floor stand

- Please contact our representatives for other requirements.
- The manufacturer reserves the rights to make changes to the product specifications. The data shown above may vary.