

Industrial Outdoor

Air Conditioners

EC Series



Data Centre & Telecommunications Solutions & Services

understanding the data centre requirement for
racks, power, environmental monitoring, access
control & all your remote monitoring needs



OVER IP

G R O U P

Features & Benefits

- Energy saving: Unique external fan control function available for energy - saving as well as emergency working mode
- Low noise: The noise level of unit is reduced according to the heat load, silently operating in most time
- Corrosion protection: Powder coated sheetmetal endures harsh environment
- Easy maintenance: IP55 designed for flushing
- Power grid adaptability: Optional DC power supply for fan & control, 50 / 60Hz AC powered compressor can be used in any country
- User friendly interface: LCD display with English menu makes convenient operation
- Environment friendly: Using R134a refrigerant and RoHS requirement compliance
- Dedicated design: Delay Start setting in case of big current, especially when multiple units start at one site
- Monitoring: Provide comprehensive alarm and status report through RS485 interface for remote control



Applications where they can be used



Data Sheet

		031P	031M	061N	061H	101F	101J
Dimensions, Weight & Mounting							
Unit Dimensions (Height × Width × Depth)	mm	472.5 × 354 × 203	472.5 × 354 × 184	550 × 320 × 170	550 × 320 × 170	1100 × 430 × 195	746 × 446 × 200
Unit Dimensions (Height × Width × Depth) With Flange	mm	523.5 × 405 × 203	472.5 × 405 × 184	583 × 352 × 170	583 × 352 × 170	1141 × 471 × 195	783 × 483 × 200
Net Weight	kg	19	19	18	18	42	37.5
Mounting Method		Door Mounted	Side Mounted	Door Mounted	Door Mounted	Door Mounted	Door Mounted
Environmental Protection & Performance							
Operational Temperature Range	°C	- 40 ~ + 55	- 40 ~ + 55	- 40 ~ + 55	- 40 ~ + 55	- 40 ~ + 55	- 40 ~ + 55
Protection from Dust, Water and Wind Driven Rain		IP 55	IP 54	IP 55	IP 55	IP 55	IP 55
Refrigerant		R134a	R134a	R134a	R134a	R134a	R134a
Cooling / Heating Capacity							
Cooling Capacity @ L35 / L35	W	400	400	600	650	1000	1100
Heating Capacity (Optional)	W	400	400	\	\	1000	800
Power Consumption							
Power Consumption @ L35 / L35	W	230	230	330	365	600	540
Current @ L35 / L35	A	1.05	1.05	1.50	1.65	2.90	2.50
Airflow							
Internal Airflow	m ³ / h	100	100	140	200	350	380
Power Supply							
Rated Operating Voltage	V, Hz	220, 50	-48, 220, 50	220, 50	220, 60	220, 50 / 60	220, 50 / 60

Data Sheet

		151F	151J	201D	251C	301A	401C
Dimensions, Weight & Mounting							
Unit Dimensions (Height × Width × Depth)	mm	1100 × 430 × 195	746 × 446 × 200	1112 × 412 × 200	1295 × 600 × 220	1295 × 600 × 220	1350 × 620 × 350
Unit Dimensions (Height × Width × Depth) With Flange	mm	1141 × 471 × 195	783 × 483 × 200	1170 × 470 × 200	1350 × 655 × 220	1350 × 655 × 220	1400 × 670 × 350
Net Weight	kg	43	38	50	65	65	90
Mounting Method		Door Mounted	Door Mounted	Door Mounted	Door Mounted	Door Mounted	Side Mounted
Environmental Protection & Performance							
Operational Temperature Range	°C	- 40 ~ + 55	- 40 ~ + 55	- 40 ~ + 55	- 40 ~ + 55	- 40 ~ + 55	- 40 ~ + 55
Protection from Dust, Water and Wind Driven Rain		IP 55	IP 55	IP 55	IP 55	IP 55	IP 55
Refrigerant		R134a	R134a	R134a	R134a	R134a	R134a
Cooling / Heating Capacity							
Cooling Capacity @ L35 / L35	W	1500	1500	2000	2500	3000	4000
Heating Capacity (Optional)	W	1000	1000	1000	1000	1000	1000
Power Consumption							
Power Consumption @ L35 / L35	W	630	600	950	1050	1100	1750
Current @ L35 / L35	A	3.00	2.90	4.35	5.10	5.20	8.60
Airflow							
Internal Airflow	m ³ / h	350	380	630	850	850	1400
Power Supply							
Rated Operating Voltage	V, Hz	220, 50 / 60	220, 50 / 60	220, 50	220, 50 / 60	20, 50 / 60	220, 50 / 60

Outdoor Rack Options

For outdoor rack options and sizes please see the outdoor rack brochure.

“Data Centre Solutions & Services”

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