

SAMSUNG
Climate Solutions



PAC Floor Cabinet

PAC Floor Cabinet

- Four-way swing allows users to control the airflow direction from left to right and up or down using the control panel or wireless remote.
- Built-in modern Touch Display Control Panel for easy control
- Auto Shutter automatically opens when the unit is turned on and closes when it is turned off, which prevents dust from getting inside the unit while not in operation.
- Long-life washable high density filter.
- Can be controlled by Smartphone via Wi-Fi Kit (Optional).
- Wireless remote controller (MR-EH00) included as standard.

Specifications



Model		Outdoor Indoor	AC100BXPDKH/EU AC100BNPDKH/EU	AC140BXPDNH/EU AC140BNPDKH/EU
Electrical				
Power Supply	Outdoor	Φ, #, V, Hz	1Φ, 2, 220-240 V, 50 Hz	3Φ, 4, 380-415 V, 50 Hz
	Indoor	Φ, #, V, Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz
MCA	System (Outdoor/Indoor)	A	26.0 (24.0 / 2.0)	16.1 (14.1 / 2.0)
MFA	System	A	30.0	20.0
Minimum SSC value	Outdoor	MVA	0.42	3.2
Interconnecting Communication Cable		mm ²	Screened 0.75-1.5mm ² , 2 Core, F1 F2 Connection	
Performance¹				
Nominal Cooling Capacity	Total Cooling (Sensible Cooling)	kW	10.0 (7.8)	13.4 (9.9)
UK Cooling Capacity	Total Cooling (Sensible Cooling)	kW	9.5 (7.5)	12.7 (9.5)
Nominal Heating Capacity		kW	11.2	15.5
Operating Temperature Range	Cooling	°C	-15.0 - 50.0 °C	-15.0 - 50.0 °C
	Heating	°C	-20.0 - 24.0 °C	-20.0 - 24.0 °C
Energy Efficiency²				
Rated Efficiency	EER (Nominal Cooling)	W/W	2.86	3.1
	COP (Nominal Heating)	W/W	3.3	3.44
Seasonal Efficiency	SEER / Energy Label	W/W	6.1 / A++	5.8
	SCOP / Energy Label	W/W	4.2 / A+	4.0
Air Flow Rate				
Indoor Unit Airflow Rate	H/M/L	l/s	483.3 / 416.7 / 383.3	583.3 / 500 / 450
Outdoor Unit Airflow Rate		l/s	1,200	1,833
Piping Connections				
Liquid Pipe		ø, mm (inch)	9.52 (3/8)	9.52 (3/8)
Gas Pipe		ø, mm (inch)	15.88 (5/8)	15.88 (5/8)
Drain Pipe		ø, mm	ID 18 Hose	ID 18 Hose
Max Piping Length (Height)		m	50 (30)	75 (30)
Refrigerant				
Type			R410A (Fluorinated greenhouse gas, GWP=2088)	
Factory Charging		kg	3.0	3.5
		tCO ₂ e	6.26	7.31
Precharge to		m	30	30
Additional Charge		g/m	50	50
Sound				
Indoor Sound Pressure Level	H/M/L	dB(A)	47 / 44 / 41	51 / 48 / 45
Indoor Sound Power Level		dB(A)	60	65
Outdoor Sound Pressure Level	Cooling / Heating	dB(A)	53 / 55	53 / 54
Outdoor Sound Power Level		dB(A)	70	72
Dimensions				
Net Weight	Indoor Unit/Outdoor Unit	kg	43.0 / 72.5	44.5 / 86.5
Indoor Unit Net Dimensions	W x H x D	mm	610 x 1,850 x 400	610 x 1,850 x 400
Outdoor Unit Net Dimensions	W x H x D	mm	940 x 998 x 330	940 x 1,210 x 330

Accessories

Wireless Remote Controller	External Room Sensor	Wi-Fi Kit
ME-EH00 (Included as standard)	MRW-TA	MIM-H04EN

Copyright © 2023 Samsung Electronics Air Conditioner Europe B.V. All rights reserved. Samsung is a registered trademark of Samsung Electronics Co., Ltd. Specifications and designs are subject to change without notice and may include preliminary information. Non-metric weights and measurements are approximate. All data was deemed correct at the time of creation. Samsung is not liable for errors or omissions. Some images may be digitally altered. All brand, product, service names and logos are trademarks and/or registered trademarks of their respective owners and are hereby recognised and acknowledged.

Samsung Electronics Air Conditioner Europe B.V.
Evert van de Beekstraat 310, 1118 CX Schiphol
P.O. Box 75810, 1118 ZZ Schiphol
+31 (0)8 81 41 61 00
The Netherlands

¹ Performances are based on the following design conditions:
- Nominal Cooling Capacity: Indoor temperature 27°C DB, 19°C WB, Outdoor temperature 35°C DB
- Nominal Heating Capacity: Indoor temperature 20°C DB, Outdoor temperature 7°C DB, 6°C WB
- UK Cooling Capacity: Indoor temperature 23°C DB, 16°C WB, Outdoor temperature 30°C DB

² For units with capacity up to 12kW: Efficiencies as shown are according to EU No 206/2012 (LOT10) Ecodesign requirements for air conditioners.
For units with capacity up to 12kW: Energy labels as shown are according to EU No 626/2011 (LOT10) label classification 2019, on a scale from D to A+++.
For units with capacity greater than 12kW: Efficiencies as shown are according to EU No 2016/2281 (LOT 21) Ecodesign requirements for heat pumps/air conditioners.