

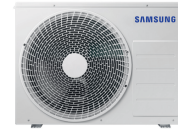
**SAMSUNG**  
Climate Solutions



**High Efficiency Floor Console**

# High Efficiency Floor Console

- Slim design: only 199 mm in depth.
- Two separate air outlets to avoid stratification.
- Long-life washable permanent filter.
- Can be controlled by Smartphone via Wi-Fi Kit (Optional).
- Wireless remote controller (AR-EH04E) included as standard.
- Wide Operation Range.
- Smart Outdoor unit with inverter PBA Self-Diagnosis.
- Enhanced Performance of 100% Heating Capacity at -15°C.



## Specifications

Model		Outdoor Indoor	AC026BXAPKG/EU AC026BNJPKG/EU	AC035BXAPKG/EU AC035BNJPKG/EU
<b>Electrical</b>				
Power Supply	Outdoor	Φ, #, V, Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 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	12.0 (11.0 / 1.0)	12.0 (11.0 / 1.0)
MFA	System	A	15.0	15.0
Minimum SSC value	Outdoor	MVA	Not Applicable	Not Applicable
Interconnecting Communication Cable		mm <sup>2</sup>	Screened 0.75-1.5mm <sup>2</sup> , 2 Core, F1 F2 Connection	
<b>Performance<sup>1</sup></b>				
Nominal Cooling Capacity	Total Cooling (Sensible Cooling)	kW	2.6 (2.0)	3.5 (2.4)
UK Cooling Capacity	Total Cooling (Sensible Cooling)	kW	2.6 (1.9)	3.5 (2.3)
Nominal Heating Capacity		kW	3.50	4.0
Operating Temperature Range	Cooling	°C	-20.0 ~ 52.0 °C	-20.0 ~ 52.0 °C
	Heating	°C	-25.0 ~ 24.0 °C	-25.0 ~ 24.0 °C
<b>Energy Efficiency<sup>2</sup></b>				
Rated Efficiency	EER (Nominal Cooling)	W/W	3.88	3.33
	COP (Nominal Heating)	W/W	3.33	3.13
Seasonal Efficiency	SEER / Energy Label	W/W	6.4 / <b>A++</b>	6.4 / <b>A++</b>
	SCOP / Energy Label	W/W	4.2 / <b>A+</b>	4.1 / <b>A+</b>
<b>Air Flow Rate</b>				
Indoor Unit Airflow Rate	H/M/L	l/s	125 / 113 / 100	142 / 120 / 103
Outdoor Unit Airflow Rate		l/s	667	667
<b>Piping Connections</b>				
Liquid Pipe		ø, mm (inch)	6.35 (1/4)	6.35 (1/4)
Gas Pipe		ø, mm (inch)	9.52 (3/8)	9.52 (3/8)
Drain Pipe		ø, mm	ID 18mm Hose	ID 18mm Hose
Max Piping Length (Height)		m	30 (20)	30 (20)
<b>Refrigerant</b>				
Type			R32 (Fluorinated greenhouse gas, GWP=675)	
Factory Charging		kg	1.20	1.20
		tCO <sub>2</sub> e	0.81	0.81
Precharge to		m	20	20
Additional Charge		g/m	30	30
<b>Sound</b>				
Indoor Sound Pressure Level	H/M/L	dB(A)	36 / 32 / 26	38 / 34 / 30
Indoor Sound Power Level		dB(A)	53	55
Outdoor Sound Pressure Level	Cooling / Heating	dB(A)	45 / 45	46 / 46
Outdoor Sound Power Level		dB(A)	59	61
<b>Dimensions</b>				
Net Weight	Indoor Unit/Outdoor Unit	kg	16.0 / 43.0	16.0 / 43.0
Indoor Unit Net Dimensions	W x H x D	mm	720 x 620 x 199	720 x 620 x 199
Outdoor Unit Net Dimensions	W x H x D	mm	880 x 638 x 310	880 x 638 x 310

### Accessories

Wireless Remote Controller	Touch Wired Controller	Premium Wired Controller	Wi-Fi Kit	External Room Sensor
MR-EH04E (Included as standard)	MWR-SH11N	MWR-WG00JN	MIM-H04EN	MRW-TA

<sup>1</sup> 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

<sup>2</sup> For units with capacity up to 12kW. Efficiencies as shown are according to EU No 206/2012 (LOT 10) Ecodesign requirements for air conditioners.

For units with capacity up to 12kW: Energy labels as shown are according to EU No 626/2011 (LOT 10) 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.

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