



NEW! Samsung Premium 'Wind Free' Digital Inverter Midwall Split range

12 000 Btu/h · 18 000 Btu/h · 24 000 Btu/h

- The latest cutting-edge technology from Samsung: draught-free midwall splits
- Air is gently dispersed through 21 000 micro air holes for effective climate control without a direct blast of air
- Quiet in operation – as low as 19dBA (12 000 Btu/h model, low setting)
- Saves up to 68% of energy thanks to Samsung's Digital Inverter 8-Pole technology*
- Energy Efficiency Class (cooling) A/A+
- Ultra-wide Filter covers 100% of air inlet, reduces over 99% of ultra-fine dust
- Easy Filter captures dangerous contaminants and allergens*
- Virus Doctor technology reduces airborne bacteria and viruses by up to 99%**
- Smart Wi-Fi enabled

* Tested in Korea test lab (FITI / KEMTI) and Japan test lab (ITEA)

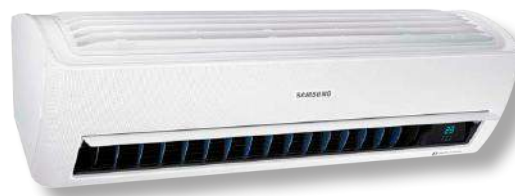
** Tested in Kitasato Environmental Science Centre (Japan)



SAMSUNG

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Samsung takes the lead yet again with a new range of Digital Inverter Splits. A 2-step Cooling mode first cools air rapidly in Fast Cooling Mode, then automatically changes to Wind-Free mode as soon as the pre-set temperature is reached. Cool air is gently dispersed through 21 000 micro air holes, eliminating unpleasant direct draughts. And thanks to Samsung's Digital 8-Pole Inverter, up to 68% of energy is saved, as compared with conventional non-inverter airconditioners. An ultra-wide filter captures 99% of ultra-fine dust, while Virus Doctor technology reduces airborne bacteria and viruses by up to 99%. Finally, Samsung's Digital Wind-Free splits are Smart Wi-Fi enabled for maximum convenience. The perfect units for those who demand the best in airconditioning.



SPECIFICATIONS

MODEL CODE		AR12NSPXAWKNFA	AR18NSPXAWKNFA	AR24NSPXAWKNFA
Capacity	Capacity (Cooling, Btu/hr)	11942 Btu/hr	17061 Btu/hr	22179 Btu/hr
	Capacity (Heating, Btu/hr)	11942 Btu/hr	20473 Btu/hr	21496 Btu/hr
	Capacity (Cooling, Min - Max, Btu/hr)	3412 ~ 13649 Btu/hr	5459 ~ 22179 Btu/hr	5459 ~ 26956 Btu/hr
	Capacity (Heating, Min - Max, Btu/hr)	3753 ~ 18426 Btu/hr	4095 ~ 24567 Btu/hr	3992 ~ 30368 Btu/hr
	Capacity (Cooling, kW)	3.50 kW	5.00 kW	6.50 kW
	Capacity (Heating, kW)	3.50 kW	6.00 kW	6.30 kW
	Capacity (Cooling, Min - Max, kW)	1.0 ~ 4.0 kW	1.6 ~ 6.5 kW	1.6 ~ 7.9 kW
	Capacity (Heating, Min - Max, kW)	1.1 ~ 5.4 kW	1.2 ~ 7.2 kW	1.17 ~ 8.9 kW
Energy Efficiency	EER (Cooling, W/W)	3.27 W/W	3.45 W/W	3.33 W/W
	COP (Heating, W/W)	3.43 W/W	3.43 W/W	3.50 W/W
	Energy Efficiency Class for cooling (Grade)	A	A+	A
Noise Level	Noise Level (Indoor, High/Low, dBA)	38/19 dBA	41 / 25 dBA	44/28 dBA
Electrical Data	Power Source(Φ/V/Hz)	1 / 220~240~ / 50	1 / 220~240~ / 50	1 / 220~240~ / 50
	Power Consumption(Cooling, W)	1070 W	1450 W	1950 W
	Power Consumption(Heating, W)	1020 W	1750 W	1800 W
	Operating Current(Cooling, A)	5.0 A	6.6 A	8.8 A
	Operating Current(Heating, A)	4.6 A	7.9 A	7.7 A
Physical Specification	Net Dimension (Indoor, WxHxDmm)	828*295*265 mm	1065*301*311 mm	1065*301*311 mm
	Net Dimension (Outdoor, WxHxDmm)	720*548*265 mm	880*638*310 mm	880*638*310 mm
	Net Weight (Indoor, kg)	9.50 kg	13.20 kg	13.10 kg
	Net Weight (Outdoor, kg)	24.5 kg	40.2 kg	38.5 kg
Technical Information	Piping Length (Max, m)	15 m	30 m	30 m
	Piping Height (Max, m)	8 m	15 m	15 m
	SVC Valve (Liquid (ODxL))	6,35	6,35	6,35
	SVC Valve (Gas (ODxL))	9,52	12,7	15,88
	Moisture Removal (l/hr)	1.5 l/hr	2.0 l/hr	2.5 l/hr
	Air Circulation (Cooling, m³/min)	10.0 m³/min	15.9 m³/min	18.2 m³/min
	Refrigerant (Type)	R410A	R410A	R410A
	Refrigerant (Charging, kg)	0.95 kg	1.30 kg	1.38 kg
	Low Ambient (Cooling, °C)	-10 ~ 46 °C	-10 ~ 46 °C	-10 ~ 46 °C
	Low Ambient (Heating, °C)	-15 ~ 24 °C	-15 ~ 24 °C	-15 ~ 24 °C
	Outdoor Unit (Compressor Type)	8-POLE	8-POLE	8-POLE
	Outdoor Unit (Anti-Corrosion Fin)	Yes	Yes	Yes
Air Flow	Air Direction Control (Up/Down)	Auto	Auto	Auto
	Air Direction Control (Left/Right)	Auto	Auto	Auto
	Air Flow Control Step (Cool/Fan)	5/4	5/4	5/4
Air Purification	Ionizer	Yes	Yes	Yes
	Allergy Care	Yes	Yes	Yes
	Anti-Bacteria	Yes	Yes	Yes
	Auto Clean (Self Cleaning)	Yes	Yes	Yes
	Easy Filter Plus	Yes	Yes	Yes
Convenience	Smart wifi	Yes	Yes	Yes
	Filter Cleaning Indicator	Yes	Yes	Yes
	Indoor Temp. Display	Yes	Yes	Yes
	Display On/Off	Yes	Yes	Yes
	Beep On/Off	Yes	Yes	Yes
	24-Hour Timer	Yes	Yes	Yes
	Auto Changeover	Yes	Yes	Yes
	Auto Restart	Yes	Yes	Yes
Operating Mode	2 Step Cooling	Yes	Yes	Yes
	Fast Cool	Yes	Yes	Yes
	Comfort Cool	Yes	Yes	Yes
	Good Sleep	Yes	Yes	Yes
	Single User Mode	Yes	Yes	Yes
	Dehumidification	Yes	Yes	Yes
	Fan Mode	Yes	Yes	Yes
	Quiet	Yes	Yes	Yes

Due to Samsung's policy of constant improvement, specifications are subject to change without notice. E&OE.