



Samsung Inverter HSP Duct Airconditioner

A range of high-capacity Ducted units with Inverter economy for climate control of large areas.

- Slimmest and lightest design
- R410A gas; COP 3.61
- 75 metre pipe length to outdoor unit/30m elevation
- 200 CMM maximum air flow rate
- Samsung quality, backed nationwide by Fourways Airconditioning



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THE AIRCON CENTRE (Pty) Ltd

SAMSUNG

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With a maximum cooling capacity of 28.5kW plus an airflow rate of 80 CMM (AC250 model), this new range of Samsung Inverter HSP Ducted units is ideal for the climate control of large areas. EERs of up to 3.30 and COPs of up to 3.61 ensure maximum energy efficiency. A 75 metre length of piping to the outdoor unit combined with low sound pressure from the indoor unit ensures extremely quiet operation. As with all Samsung airconditioners, these HSP Ducteds are backed by 9 Fourways Airconditioning branches nationwide.



Model Code	Indoor	AC180J NHPKH	AC200KNHPKH	AC250KNHPKH
	Outdoor	AC180J XAPNH	AC200KXAPNH	AC250KXAPNH
System	Mode	Heat Pump	Heat Pump	Heat Pump
Capacity	Cooling (Min / Std / Max) [kW]	6.00/18.00/20.00	7.50/20.00/23.00	9.00/25.00/28.50
	Cooling (Min / Std / Max) [Btu/h]	20,500/61,400/68,200	25,500/68,000/78,500	25,500/68,000/78,500
	Heating (Min / Std / Max) [kW]	4.80/20.00/22.50	8.50/23.00/25.00	10.00/27.00/32.00
	Heating (Min / Std / Max) [Btu/h]	16,400/68,200/76,800	29,000/78,500/85,300	34,000/92,000/109,200
Power Input (Nominal)	Cooling (Min / Std / Max) [kW]	1.30/5.45/7.30	2.10/6.45/8.00	2.60/9.58/12.00
	Heating (Min / Std / Max) [kW]	1.20/5.54/7.60	2.10/6.66/9.80	2.50/8.33/13.50
Energy Efficiency	EER (Nominal Cooling) [W/W]	3.30	3.1	2.61
	COP (Nominal Heating) [Btu/Wh]	3.61	3.45	3.24
Piping Connections	Installation Max. Length [m]	75	75	75
	Installation Max. Height [m]	30.0	30	30
Refrigerant	Type	R410A	R410A	R410A
Power Supply [Indoor Unit] [φ, #, V, Hz]		1,2,220-240,50	1, 2, 220-240, 50	1, 2, 220-240, 50
Fan	Air Flow Rate (High / Mid / Low) [CMM]	71.00/60.00/50.00	72.00/60.00/48.00	80.00/64.00/51.00
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	43.0 / 39.0 / 35.0	44.0 / 40.0 / 36.0	47.0 / 42.0 / 37.0
	Sound Power (Cooling) [dB(A)]	69	70	72
External Dimension (Indoor Unit)	Net Weight (kg)	82.50	82.5	82.5
	Net Dimensions (WxHxD) [m m]	1350 x 450 x 910	1350 x 450 x 910	1350 x 450 x 910
Power Supply [Outdoor Unit] [φ, #, V, Hz]		3,4,380- 415,50	3,4,380- 415,50	3,4,380- 415,50
Fan	Air Flow Rate (Cooling) [CMM]	110.00	200	200
Sound	Sound Pressure (Cooling/Heating) [dB(A)]	55.0 / 57.0	58.0 / 60	59.0 / 61.0
	Sound Power (Cooling) [dB(A)]	76.0	75	77
External Dimension (Outdoor Unit)	Net Weight (kg)	107.50	154	154
	Net Dimensions (WxHxD) [m m]	940 x 1420 x 330	940 x 1630 x 460	940 x 1630 x 460
Operating Temp. Range	Cooling [°C]	-15~50	-20~50	-20~50
	Heating [°C]	-20~24	-20~24	-20~24

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