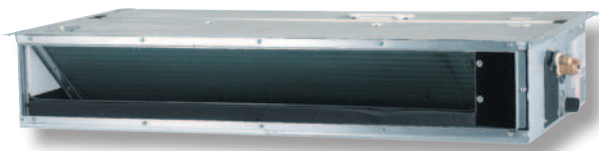


## Samsung Light Static Pressure Duct



- 4 cooling/heating models
- Compact design – fits snugly in restricted spaces
- EER up to 3.71, COP up to 3.79
- Air flow rate from 4.9 CMM to 20 CMM
- Heat Pump mode
- Up to 8 kW Cooling and 9 kW Heating
- Backed nationwide by Fourways Airconditioning South Africa

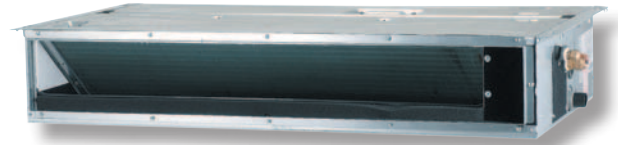


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AIRCONDITIONING

**SAMSUNG**

# Samsung Light Static Pressure Duct

Available in 4 cooling/heating models, the Samsung Light Static Pressure Duct is suitable for areas where shorter ducting is required. Extremely compact, it fits snugly in restricted ceiling areas providing air flow rates from 4.9 CMM up to 20 CMM, depending on model. All models use single phase indoor units, with only the ACO 26 requiring 3-phase power for the outdoor unit. Maximum installation lengths of piping connection vary from 20 to 50 metres, with up to a 30-metre difference in height between indoor and outdoor units. Backed nationwide by Fourways Airconditioning with branches in all major metropolitan areas.



## SPECIFICATIONS

Model Code	Indoor	AC026HBLDKH/EU	AC035HBLDKH/EU	AC052HBLDKH/EU	AC071HBLDKH/EU
	Outdoor	AC026HCADKH/EU	AC035HCADKH/EU	AC052HCADKH/EU	AC071HCADKH/EU
System Capacity	Mode	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
	Cooling [kW]	0.95/2.60/3.50	0.98/3.50/4.10	1.20/5.00/6.00	2.00/7.10/8.00
	Cooling [Btu/h]	3200/8900/11900	3300/11900/14000	4100/17100/20500	6800/24200/27300
	Heating [kW]	0.95/3.30/4.30	0.99/4.00/5.00	1.10/6.00/7.20	1.50/8.00/9.00
	Heating (Btu/h)	3200/11300/14700	3400/13600/17100	3800/20500/24600	5100/27300/30700
Power Input (Nominal)	Cooling (Min/Std/Max)[kW]	0.29/0.70/1.17	0.33/1.15/1.35	0.35/1.56/2.20	0.47/2.21/3.00
	Heating (Min/Std/Max)[kW]	0.20/0.87/1.30	0.24/1.18/1.50	0.26/1.66/2.70	0.36/2.30/3.50
Energy Efficiency	EER (Nominal Cooling) [W/W]	3.71	3.04	3.21	3.21
	COP (Nominal Heating) [Btu/Wh]	3.79	3.39	3.61	3.48
Piping Connections	Installation Max. Length [m]	20	20	30	50
	Installations Max Height [m]	15.0	15.0	20.0	30.0
Refrigerant	Type	R410A	R410A	R410A	R410A
Power supply (Indoor unit) [Ph,V,HZ]		1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50
Fan	Air Flow Rate (High/Mid/Low) [CMM]	8.00/6.50/4.90	9.20/7.40/5.80	15.00/12.00/9.00	20.00/15.00/10.00
Sound	Sound Pressure (High/Mid/Low) [dB(A)]	40.0/37.0/34.0	40.0/37.0/34.0	33.0/30.0/27.0	37.0/34.0/31.0
	Sound Power (Cooling) [db(A)]	53.0	53.0	55.0	59.0
External Dimension (Indoor unit)	Net Weight [kg]	20	20	22.50	22.50
	Net Dimensions (WxHxD) [mm]	700x199x600	700x199x600	1100x200x450	1100x200x450
Power Supply (Outdoor unit) [Ph,V,HZ]		3,380-415,50	1,220-240,50	1,220-240,50	1,220-240,50
Fan	Air Flow Rate (Cooling) [CMM]	37.00	32.00	44.00	54.00
Sound	Sound Pressure (Cooling/Heating) [dB(A)]	46.0/47.0	47.0/47.0	48.0/48.0	49.0/51.0
	Sound Power (Cooling) [dB(A)]	63.0	63.0	63.0	65.0
External Dimension (Outdoor Unit)	Net Weight [kg]	29.50	29.50	45.00	55.00
	Net Dimensions (WxHxD)[mm]	720x548x265	720x548x265	880x638x310	880x798x310
Operating Temp. Range	Cooling [°C]	-15~50	-15~50	-15~50	-15~50
	Heating [°C]	-20~24	-20~24	-20~24	-20~24

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

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