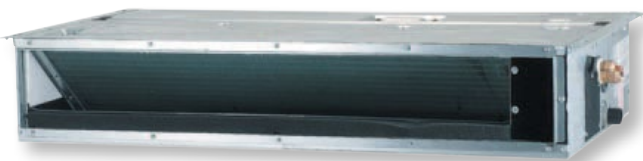


Samsung Slim 1-Way Inverter Duct

R410A Inverter Duct



- Extra-compact design – fits snugly in restricted-space areas
- Samsung's Smart Inverter technology ensures maximum energy savings
- Heating and cooling
- Quiet operation: noise level as little as 27db(A) (low-speed)



49m



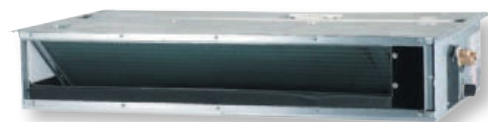
FinAir

SAMSUNG

Samsung Slim 1-Way Inverter Duct

R410A Inverter Duct

With a net height of just 199mm (260mm on largest model), Samsung's Slim Inverter Duct fits neatly in confined spaces. Smart Inverter technology with excellent EER/COP figures keeps electricity consumption to a minimum whether cooling or heating, whilst providing a maximum air flow rate as high as 19CMM. With simplified drain pump connection and flexible installation, the Slim Duct is easy to fit and maintain. Supported nationwide by Fourways Airconditioning South Africa, with branches in all major metropolitan areas.



Samsung Slim 1-Way Inverter Duct Specifications

Model Name	Indoor Unit		NS035LDXEA	NS052LDXEA	NS071LDXEA
	Outdoor		RC035DHXEA	RC052DHXEA	RC071DHXEA
Capacity (Min./Standard/Max.)	Cooling	kW	0.99/3.50/4.20	1.70/5.00/6.00	2.20/7.10/8.00
		Btu/h	3400/11900/14300	5800/17100/20500	7500/24200/27300
	Heating	kW	0.98/4.00/5.00	1.50/6.00/8.00	1.90/8.00/11.00
		Btu/h	3300/13600/17100	5100/20500/27300	6500/27300/37500
Power Input (Nominal) (Min./Standard/Max.)	Cooling	kW	0.24/1.16/1.45	0.42/1.55/1.95	0.35/2.21/4.00
	Heating	kW	0.18/1.11/1.40	0.36/1.65/2.70	0.35/2.32/4.00
Current Input (Nominal) (Min./Standard/Max.)	Cooling	A	1.60/5.60/6.80	2.50/7.00/8.50	2.00/10.50/21.00
	Heating	A	1.20/5.70/6.70	2.10/7.50/12.00	2.00/10.50/21.00
Energy Efficiency (Nominal)	Cooling	EER	3.02	3.23	3.21
	Heating	COP	3.60	3.64	3.45
Piping Connections	Liquid	Ø mm	6.35	6.35	6.35
		Ø inch	1/4	1/4	1/4
	Gas	Ø mm	9.52	12.70	15.88
		Ø inch	3/8	1/2	5/8
Max. pipe length	Outdoor to Indoor	m	20(25)	50(55)	50(55)
Max. pipe height	Between ID/OD	m	15(15)	30(30)	30(30)
Refrigerant	Type		R410A	R410A	R410A
	Factory Charging	kg	0.95	1.40	1.30
INDOOR UNIT					
Power Supply		pH/V/Hz	1, 220~240, 50	1, 220~240, 50	1, 220~240, 50
Fan Air Flow Rate	Hi/Med/Low	CMM	11.00/10.00/9.00	16.50/15.00/13.50	19.00/17.00/15.00
		l/s	183.33/166.67/150.00	275.00/250.00/225.00	316.67/283.33/250.00
External Static Pressure	Min/Std/Max	mmAq	0.00/2.00/4.00	0.00/2.00/4.00	0.00/2.00/4.00
		Pa	0.00/19.61/39.23	0.00/19.61/39.23	0.00/19.61/39.23
Drain Pipe		Ø mm	VP25 (OD 32, ID25)	VP25 (OD 32, ID25)	VP25 (OD 32, ID25)
Sound Pressure	Hi/Med/Low	dB (A)	32.00/29.5/27.0	33.00/31.5/30.0	36.00/34.0/32.0
External Dimensions	Net Weight	kg	26.00	31.00	34.00
	Ship. Weight	kg	31.00	39.00	40.00
Net Dimensions	WxHxD	mm	900x199x600	1100/199/600	1150/260/480
Ship. Dimensions	WxHxD	mm	1133x333x722	1330x330x730	1390x345x575
OUTDOOR UNIT					
Power Supply		pH/V/Hz	1, 220~240, 50	1, 220~240, 50	1, 220~240, 50
Sound Pressure (Cooling/heating)		dB(A)	47.0/48.0	48.0/49.0	50.0/51.0
Net Weight		kg	33.00	38.50	55.00
Shipping weight		kg	37.00	42.50	59.00
Dimensions (Net)	WxHxD	mm	790x548x285	790x548x285	880x798x310
Shipping Dimensions	WxHxD	mm	926x655x382	926x655x382	1038x891x413
Operating Temp. Range	Cooling	°C	-10~46	-15~46	-15~50
	Heating	°C	-15~24	-15~24	-20~24

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

1. Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB / Outdoor temperature: 35°C DB, Equivalent refrigerant piping: 7.5m (horizontal)
2. Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m (horizontal)
3. Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.