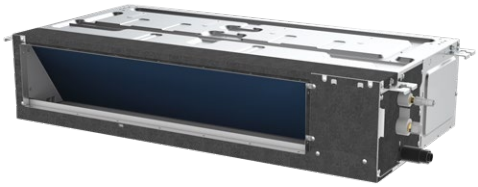
Technical Specs
Ducted Type - Heat Pump



Indoor Unit Model			LXDYHA12V1M	LXDYHA18V1M	LXDYHA24V1M	LXDYHA36V1M
Outdoor Unit Model			MXYHA12V1MU	MXYHA18V1MU	MXYHA24V1MU	MXYHA36V1MU
Unit Type			Concealed / Duct Type, Inverter Unit			
Power Supply		V,Hz,Ph	Indoor Unit：220-240V~/50Hz/1P Outdoor Unit：220-240V~/50Hz/1P			
Cooling (T1)	Capacity (Min - Max)	Btu/h	12000 (3500~12750)	18000 (5200~19100)	24000 (7400~25590)	36000(12280~37530)
		kW	3.52 (0.60~3.90)	5.30 (1.53~5.61)	7.03 (2.16~7.50)	10.55(3.60~11.00)
	Power Input	kW	1.07(0.30~1.50)	1.60 (0.47~1.90)	2.15 (0.67~2.40)	3.40 (0.42~3.80)
	EER	W/W	3.30	3.31	3.27	3.10
Heating (H1)	Capacity (Min - Max)	Btu/h	13650(2400~14330)	19100 (4800~20300)	25590 (6755~25930)	39880(9210~40940)
		kW	4.00(0.60~4.20)	5.60 (1.40~5.94)	7.60 (1.98~7.90)	11.7(2.70~12.00)
	Power Input	kW	1.08(0.25~1.45)	1.40 (0.46~1.90)	1.90 (0.65~2.65)	3.08 (0.80~3.35)
	COP	W/W	3.70	4.00	4.00	3.80
Indoor Unit	Air Flow (H/M/L/Q)	m3/h	600/500/420/300	900/800/670/550	1300/1150/1050/950	1700/1500/1300/1100
	External Static Pressure(Range)	Pa	0~80	0~160	0~160	0~160
	Sound Pressure	dB(A)	31/29/26/24	40/38/35/33	40/38/35/33	44/42/39/37
	Net Dimension (W*D*H)	mm	700×450×198	700×700×245	1000×700×245	1000×700×245
	Packing Dimension (W*D*H)	mm	865×535×255	930×830×300	1230×830×300	1230×830×300
	Net Weight / Gross Weight	Kg	12.5 / 15.0	21.5 / 25.5	26 / 31	28 / 33
Compressor	Type		Inverter Rotary			
Outdoor Unit	Sound Pressure Level	dB(A)	52	52	55	56
	Net Dimension (W*D*H)	mm	705×279×530	705×279×530	785×300×555	900×360×700
	Packing Dimension (W*D*H)	mm	825×345×595	825×345×595	900×380×615	1020×430×760
	Net Weight	kg	21.5	22	28	42
	Gross Weight	kg	23.5	24	30.5	45.5
Thermostat Type			Wired Remote Controller			
Refrigerant	Type		R32	R32	R32	R32
	Charged Volume	kg	0.63	0.7	1.1	1.5
Design Pressure		MPa	4.4	4.4	4.2	4.4
Drainage Pipe Size		mm (in)	DN20 (3/4)			
Refrigerant Piping	Liquid Side Size	mm (in)	6.35(1/4)	6.35(1/4)	9.52(3/8)	9.52(3/8)
	Gas Side Size	mm (in)	9.52(3/8)	12.7(1/2)	15.88(5/8)	15.88(5/8)
	Max. Length	m	25	30	50	65
	Max. Height	m	15	20	25	30
Max. Input Consumption		W	1600	2000	2500	4000
Max. Current		A	8	8.5	12	18
Power Wiring (Outdoor)		mm2	3×1.0	3×1.5	3×2.5	3×2.5
Connection Wiring (IDU&ODU)		mm2	4×0.75	4×0.75	4×0.75	4×0.75
Cooling		°C	0-49			
Heating		°C	-15-24			

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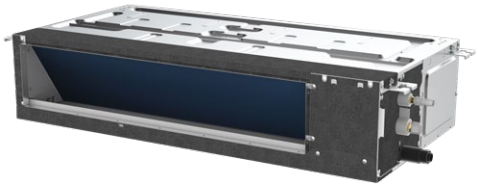
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Technical Specs
Ducted Type - Heat Pump



Indoor Unit Model			LXDYHA48V1M	LXDYHA55V1M
Outdoor Unit Model			MXYHA48Y1MU	MXYHA55Y1MU
Unit Type			Concealed / Duct Type, Inverter Unit	
Power Supply		V,Hz,Ph	Indoor Unit：220-240V~/50Hz/1P Outdoor Unit：380-415V~/50Hz/3P	
Cooling (T1)	Capacity (Min - Max)	Btu/h	48000 (14330~49540)	55000 (16400~57320)
		kW	14.07(4.20~14.52)	16.12 (4.80~16.80)
	Power Input	kW	4.67 (1.21~6.30)	5.36 (1.38~6.80)
	EER	W/W	3.01	3.01
Heating (H1)	Capacity (Min - Max)	Btu/h	52000 (15700~58000)	60050 (16700~62780)
		kW	15.24(4.60~17.00)	17.60 (4.90~18.40)
	Power Input	kW	4.22(0.92~5.80)	5.16 (0.98~6.00)
	COP	W/W	3.61	3.41
Indoor Unit	Air Flow (H/M/L/Q)	m3/h	2300/2000/1700/1500	2300/2000/1700/1500
	External Static Pressure(Range)	Pa	0~160	0~160
	Sound Pressure	dB(A)	48/46/44/41	48/46/44/41
	Net Dimension (W*D*H)	mm	1400×700×245	1400×700×245
	Packing Dimension (W*D*H)	mm	1630×830×300	1630×830×300
	Net Weight / Gross Weight	Kg	36 / 42	36 / 42
Compressor	Type		Inverter Rotary	
Outdoor Unit	Sound Pressure Level	dB(A)	58	58
	Net Dimension (W*D*H)	mm	970×395×805	940×373×1320
	Packing Dimension (W*D*H)	mm	1105×495×885	1080×430×1440
	Net Weight	kg	62	77
	Gross Weight	kg	66.5	87
Thermostat Type			Wired Remote Controller	
Refrigerant	Type		R32	R32
	Charged Volume	kg	1.6	2.25
Design Pressure		MPa	4.2	4.2
Drainage Pipe Size		mm (in)	DN20 (3/4)	
Refrigerant Piping	Liquid Side Size	mm (in)	9.52(3/8)	9.52(3/8)
	Gas Side Size	mm (in)	15.88(5/8)	15.88(5/8)
	Max. Length	m	65	65
	Max. Height	m	30	30
Max. Input Consumption		W	6800	7200
Max. Current		A	12	12
Power Wiring (Outdoor)		mm2	5×2.5	5×2.5
Connection Wiring (IDU&ODU)		mm2	4×0.75	4×0.75
Cooling		°C	0-49	
Heating		°C	-15-24	

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CONTROLS

Controls



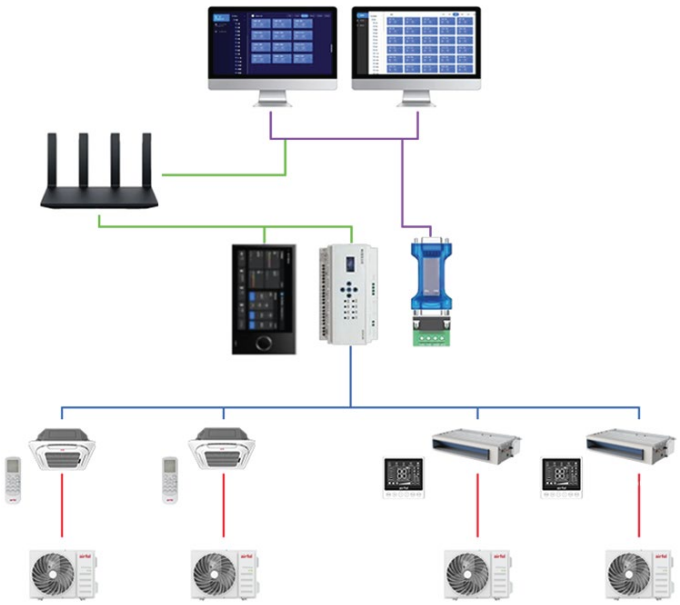
Wall & Cassette



Ducted

BMS Compatibility

Various controllers can be preferred by different users including wired, wireless, central and BMS control. The unit is easily connectible from PCB to 3rd party Building Management System for centralized control.





Download the app and as an alternative to your Airfel remote to control your unit's mode, activity and temperature whenever, wherever.

WiFi Control optional

Convenient remote operation through an easily navigated mobile app to adjust temperature and other comfort enabling settings.

Effortlessly start your unit cooling the room over your phone before you get home to enjoy it.

