

airfel



LXDY-G SERIES

Ducted Type (Inverter) - Heat Pump



WiFi Control

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



Endurant Cooling $\Delta 60^{\circ}\text{C}$

Enhanced system and operation stability at 60°C , enabling durability against adverse weather.



R-32 Refrigerant

R-32 is a next generation refrigerant that addresses a range of environmental considerations in a balanced manner.



Golden Fin Coating

Anticorrosive golden coating to protect against harsh conditions and improve heat efficiency.



Built In Drain Pump

Reaching a maximum height of 120cm, facilitating the installation of drain-pipes.



BMS Compatibility

Easily connectible from PCB to 3rd party Building Management System for centralized control.

INVERTER

R-32
REFRIGERANT

Spec Table - Ducted Type



AIRFEL MODEL NO	IDU ODU		LXDYGA18VLK MXYGA18VLKU	LXDYGA24VLK MXYGA24VLKU	LXDYGA36VLK MXYGA36VLKU	LXDYGA48VLK MXYGA48VLKU	LXDYGA54VLK MXYGA54VLKU
Power supply		V,Hz,Ph			230V,60Hz,1Ph		
Cooling (T1)	Capacity	Btu/h	18200	24200	33000	46000	54000
	Input	W	1444	1920	2630	3680	4355
	Current	A	6.57	8.73	12.00	16.73	19.80
	EER	Btu/h/W	12.60	12.60	12.55	12.50	12.40
Cooling (T3)	Capacity	Btu/h	17000	22000	30400	42600	48400
	Input	W	1910	2390	3415	4730	5469
	Current	A	8.7	10.86	15.55	21.50	24.80
	EER	Btu/h/W	8.90	9.20	8.90	9.00	8.85
Heating	Capacity	W	5800	8100	10550	15000	18400
	Input	W	1526	2190	2776	3750	4842
	Current	A	6.94	9.95	12.70	17.00	22.60
	COP	W/W	3.80	3.70	3.80	4.00	3.80
SEER		Btu / (W.h)	15.20	15.05	15.05	15.10	15.10
SEER CLASS			B	B	B	B	B
Indoor Unit Air flow (Hi) at rated ESP		m ³ /h	1150	1500	2200	2800	3300
ESP	Rated	Pa	25	25	37	50	50
	Range	Pa	0-160	0-160	0-200	0-200	0-200
Indoor Unit Sound Pressure (Hi) at rated ESP		dB(A)	38	43	43	45	47
Indoor unit	Dimension (WxDxH)	mm	920×700×245	920×700×245	1200×700×245	1400×800×380	1400×800×380
	Packing(WxDxH)	mm	1140×830×290	1140×830×290	1420×830×290	1620×930×425	1620×930×425
	Net/Gross weight	kg	28.5/33.5	28.5/33.5	38/44	66/76	66/76
Controller			Wired Remote control				
Compressor	Type		Inverter Rotary				
Outdoor Unit Sound Pressure Level		dB(A)	53	56	58	59	61
Outdoor unit	Dimension(WxDxH)	mm	845×342×700	910×378×804	910×378×804	950×340×1330	940×390×1365
	Packing(WxDxH)	mm	960×430×755	1022×480×835	1022×480×835	1080×430×1457	1080×450×1540
	Net/Gross weight	kg	38/42	46/50	54/58	91/103	97/107
Refrigerant	Type		R32				
	Charged volume	kg	1.15	1.7	2	4	4.2
Refrigerant piping	Liquid side/ Gas side	mm (inch)	6.35/12.7(1/4"/1/2")	9.52/15.9(3/8"/5/8")	9.52/15.9(3/8"/5/8")	9.52/19(3/8"/3/4")	9.52/19(3/8"/3/4")
	Max. pipe length	m	30	30	50	80	80
	Max. difference in level	m	15	15	30	40	40
Ambient temperature	Cooling	°C	0 - 60				
	Heating	°C	-15 -24				

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