

airfel



LXVY-J SERIES

Free Stand - Heat Pump



WiFi Control

ON/OFF, Operation mode selection, fan speed adjustment, temperature, setting, airflow adjustment, and schedule features.



Longer Piping Length

Pipe length reaching up to 75m from ODU to IDU with a maximum height difference of 30m.



R-32 Refrigerant

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



Long Reach Airflow

Providing an airflow volume of 2400m³/h and air supply distance reaching up to 20 meters representing a 33% increase.



Smart LCD Display

Touch sensitive LCD screen allowing fan speed adjustment, mode selection and temperature display.



3D Airflow

The vertical and horizontal louvers swing at wide angles to prevent blind spots and provide wider and more even cooling.

INVERTER

R-32
REFRIGERANT

Spec Table Floor Type



AIRFEL Model		IDU	LXVYJA48VLK	LXVYJA54VLK
		ODU	MXVJA48VLKF	MXVJA54VLKF
Rated Cooling T11	Capacity	Btu/h	48000(4800~50000)	53000(5300~56000)
	Power Input	kW	3.865	4.274
	Current	A	17.57	19.43
	EER	Btu/hW	12.40	12.40
	SEER	Btu/hW	15.05	13.90
Rated Cooling T31	Capacity	Btu/h	42000(4200~48000)	46000(4600~53000)
	Power Input	kW	4.846	5.308
	Current	A	22.03	24.13
	EER	Btu/hW	8.65	8.65
	Capacity	kW	14.05	15.85
	Power Input	kW	4.02	4.52
	Current	A	18.27	20.55
	COP	kW/kW	3.50	3.50
Indoor Unit				
Power Supply		Ph/V/Hz	1/220~240/50/60	1/220~240/50/60
Indoor Unit HEX	Type	/	Inner Grooved Copper Tube with Hydrophilic Aluminum Fins	
Fan	Fan Type	/	Cross Flow Fan	Cross Flow Fan
	Number of Motors	/	1	1
	Type	/	DC	DC
	Fan Speed(SH/H/M/L/Q)	rpm	450/380/310/240/200	450/380/310/240/200
Airflow Rate(SH/H/M/L/Q)		m3/h	2300/1900/1600/1300/1000	2400/2000/1700/1400/1100
Sound Power Level(SH/H/M/L/Q)		dB	71/68/64/58/52	72/69/65/59/53
Sound Pressure Level(SH/H/M/L/Q)		dB(A)	58/55/51/45/39	59/56/52/46/40
Indoor Unit Dimension	Net Dimension(W*D*H)	mm	620*400*1880	620*400*1880
	Package Dimension(W*D*H)	mm	694*480*1954	694*480*1954
Net/Gross Weight		kg	50/58.5	50/58.5
Controller(Standard)		/	YR-HJ	YR-HJ
Outdoor Unit				
Power Supply		Ph/V/Hz	1/220~240/50/60	1/220~240/50/60
Condenser HEX		/	Inner Grooved Copper Tube with Anti Corrosion coated Aluminum Fins	
Expansion device			Electronic Expansion Valve	Electronic Expansion Valve
Compressor	Type	/	Twin Rotary	Twin Rotary
Fan	Fan Type	/	Axial Fan	Axial Fan
	Number of Fans	/	2	2
	Brand	/	WOLONG	WOLONG
Fan Motor	Type	/	DC	DC
Max. Airflow Rate		m3/h	7500	8000
			4412	4706
Max. Sound Power Level		dB	75	76
Max. Sound Pressure Level		dB(A)	63	64
Dimension	Net Dimension(W*D*H)	mm	950*370*1350	1050*400*1430
	Package Dimension(W*D*H)	mm	1000*480*1550	1160*520*1630
Net/Gross Weight		kg	100/112	117/139
Defrost Method		/	Reverse Defrosting	Reverse Defrosting
Refrigerant	Type	/	R32	R32
Default Refrigerant Charge			3.1	4
Refrigerant Pipe	Liquid Pipe OD. Diameter (Connection Method)	mm	Ø12.7	Ø12.7
	Gas Pipe OD. Diameter (Connection Method)	mm	Ø19.05	Ø19.05
	Max. Single Way Pipe Length between Indoor and Outdoor Unit	m	70	70
	Max. Height Difference between Indoor and Outdoor Unit	m	30	30
	Cooling(Min.~Max.)	°C DB	18~60	18~60
Working Temperature	Heating(Min.~Max.)	°C DB	-7~24	-7~24

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