



**airfel**

Play  
it  
COOL



## LXDY SERIES

Play it cool with the highest level of comfort brought to you by our expertly designed airconditioning solutions!



**A. A. A**

Unique Auto Airflow Adjustment

Fan speed will adjust automatically to suit the duct design, providing desired air flow and quiet operation



Standard Built-In Drain Pump

Reinforced drainage protection due to a standard built-in drain pump wherein up to 750mm of condensate water can be pumped



Refrigerant Radiation Technology

Improved refrigerant radiation technology that cools down the E-box efficiently

AIRFEL MODEL NO	IDU ODU		LXDYEQ20VIE MXYEQ20VIED	LXDYEQ25VIE MXYEQ25VIED	LXDYEQ36VIE MXYEQ36VIED	LXDYEQ48VIE MXYEQ48VIED	LXDYEQ54VIE MXYEQ54VIED
Power supply		V,Hz,Ph	220-240V,50Hz,1Ph				
Cooling (T1)	Capacity	Btu/h	19000	25300	34800	48000	54100
	Input	W	1487	1951	2806	4000	4400
	Current	A	6.60	8.61	12.50	17.89	19.62
	EER	Btu/h/W	12.78	12.97	12.40	12.00	12.30
Cooling (T3)	Capacity	Btu/h	16900.0	22400	31400	45000	48900
	Input	W	1659.0	243	3470	5172	5278
	Current	A	8.2	10.56	15.34	22.94	23.42
	EER	Btu/h/W	9.04	9.28	9.05	8.70	9.11
Heating	Capacity	W	6100	8070	10000	17000	17700
	Input	W	1532	2152	2439	4579	4370
	Current	A	6.73	9.45	11.04	20.39	19.50
	COP	W/W	3.96	3.75	4.10	3.71	4.05
Indoor air flow (Hi/Med/Lo) at rated ESP		m <sup>3</sup> /h	970/805/630	1365/1100/980	2250/1880/1360	2630/2050/1450	3000/2450/1900
ESP	Rated	Pa	25	25	37	50	50
	Range	Pa	0-80	0-100	0-120	0-160	0-160
Indoor Unit Sound Pressure (Hi/Med/Lo) at rated ESP		dB(A)	43.5/39/34	40/38/36	49/46/43	51/49/44	51/49/44
Indoor unit	Dimension (WxDxH)	mm	880x674x210	1100x774x249	1200x874x300	1200x825x380	1400x858x440
	Packing (WxDxH)	mm	1070x725x270	1305x905x305	1405x915x355	1485x875x450	1605x910x505
	Net/Gross weight	kg	25.8/31.6	32.6/40.3	44.5/53.1	56.8/66.1	75.3/86.6
Controller			Wired Remote control				
Qty/per 20' /40' /40'HQ		Indoor	120/264/297	77/161/184	62/130/149	59/124/125	35/72/86
Compressor	Type		INVERTER ROTARY				
Outdoor Unit Sound Pressure Level		dB(A)	58.5	58	63	64	64
Outdoor unit	Dimension (WxDxH)	mm	890x342x673	946x410x810	946x410x810	952x415x1333	952x415x1333
	Packing (WxDxH)	mm	995x398x740	1090x500x875	1090x500x875	1095x495x1460	1095x495x1460
	Net/Gross weight	kg	41/44.3	58.6/63.2	66.0/70.9	99.3/112.2	99.9/112.8
Refrigerant	Type		R410A				
	Charged volume	kg	1.6	2.2	3.2	4.4	4.6
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35/2.71(1/4"/1/2")	9.52/15.9(3/8"/5/8")	9.52/19(3/8"/3/4")	9.52/19(3/8"/3/4")	9.52/22(3/8"/7/8")
	Max. pipe length	m	25	25	30	50	50
	Max. difference in level	m	15	15	20	30	30
Ambient temperature	Cooling	°C	0~52				
	Heating	°C	-15~24				

## OTHER FEATURES



### Easy Maintenance

Due to easy-open panel from the bottom, large opening on the side, and ability to pull out filter from all directions



### High Static Pressure

New fan design improves air flow through the air outlets



### Hassle-Free Installation

Applicable for ceiling concealed installations



### Central Controller\*

\*Optional

Continuously optimize HVAC operations based on real-time conditions, ensuring optimal comfort levels while minimizing energy consumption



# LXDY

## SERIES

## AUTHORIZED DEALER

### VOLTIX EQUIPMENT TRADING LLC

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