

Multisplits **VAZ5 DC** INVERTER





Product benefits

- Variable cooling and heating capacity from 30% to 115% (of rated capacity).
- DC-BL (DC Brush-Less) Compressor and outdoor Fan motors.
- Pre-charged system up to 30m.
- Tubing up to 80m total length, up to 25m each unit.
- Internal crank case heater combined with compressor motor windings.
- Ready for base heater and additional crank case heater installation including software support.
- Easy installation of outdoor unit tubing and electrical.
- Monitoring software (PC port for high level service).
- Operating range Cooling: From -10° to 46°C outdoors.
- Operating range Heating: From -15° to 24°C outdoors.



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Compatibilities

		LEXA 9 DCI	LEXA 12 DCI	LEXA 18 DCI
 LEXA DCI indoor units	Cooling Capacity	kW 2.5 (1.4-3.6)	3.5 (1.4-4.3)	5 (1.5-6)
	Heating Capacity	kW 3.4 (1.5-5)	4.3 (1.5-5.8)	6 (1.5-7.6)
	Air flow	m ³ /h 330/430/530	350/450/550	550/700/850
	Sound pressure level to 1 m	dB(A) 26/30/39	26/32/40	34/39/43
	Weight	kg 11.5	11.5	15
	Dimensions (WxDxH)	mm 810x210x285	810x210x285	1060x210x295
	• Part number	ESP022464	ESP022465	ESP022466
 CN DCI indoor units	Cooling Capacity	kW 2.5 (1.5-3.6)	3.5 (1.7-4.3)	5 (1.3-6.0)
	Heating Capacity	kW 3.2 (1.5-4.8)	4.2 (1.6-5.5)	5.6 (1.3-7.0)
	Air flow	m ³ /h 440/460	490/420	700/700
	Sound pressure level to 1 m	dB(A) 26/29/32	28/31/34	30/33/36
	Weight	kg 12.9	12.9	15.2
	Dimensions (WxDxH)	mm 575x575x219	575x575x219	575x575x270
	• Part number	ESP022401	ESP022402	ESP022403
 PXD DCI indoor units	Cooling Capacity	kW 2.5	3.5	5
	Heating Capacity	kW 3.2	4.2	5.8
	Air flow	m ³ /h 300/350/400	300/400/450	600/750/870
	Sound pressure level to 1 m	dB(A) 35/37/39	38/41/45	45/48/51
	Weight	kg 21	22	30
	Dimensions (WxDxH)	mm 820x190x630	820x190x630	1200x192x630
	• Part number	ESP012133	ESP012134	ESP012135
 LSN DCI indoor units	Cooling Capacity	kW 2.5	3.5	5
	Heating Capacity	kW 3.4	4.3	6.1
	Air flow	m ³ /h 420/490/560	45/49/53	540/650/750
	Sound pressure level to 1 m	dB(A) 44/47/50	20	48/51/54
	Weight	kg 20	20	20
	Dimensions (WxDxH)	mm 820x245x630	860x245x630	860x245x630
	• Part number	ESP022396	ESP022397	ESP022398



1 DC Inverter models: 11 000 W



VAZ5 SERIE

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Cooling Capacity	kW	10.0 (4.3-11.0)
Input power	kW	2.94
EER/Energy Label		3.4/A
Outdoor temperature operating limits	°C	-10°/46° Dry bulb

Heating Capacity	kW	11.0 (2.0-12.0)
Capacity at -15°C	kW	
Input power	kW	4.3
COP/Energy Label		4.0/A
Outdoor temperature operating limits	°C	-15°/24° Dry bulb

Outdoor unit

Sound pressure level to 1 m	dB(A)	58/59
Sound power level	dB(A)	68/70
Airflow	m³/h	4150
Compressor type		Twin Rotary DC Inverter
Dimensions (WxDxH)	mm	970x340x900
Weight	kg	81.5

• **Part number** **ESP091135**

Linking specifications between indoor and outdoor units

Power supply 1~230V - 50Hz

Power supply side		Outdoor
Power cable section	mm²	3x4
Fuse rating am	A	25
Electrical connections	mm²	5x(4x1.5)

Pipe line

Suction pipe diameter	inches	3x3/8" + 2x1/2"
Liquid pipe diameter	inches	5x1/4"
Max lenght	m	80
Max lenght per circuit	m	25
Max height between indoor and outdoor units	m	15
Max height between indoor units	m	15