

Lys R3

Monosplit wall-mounted
DC inverter Wi-Fi

2,6 kW ÷ 5,9 kW

NEW



Wi-Fi
as standard



Sleep Mode
21,5 db(A)



Automatic
restart



Size 26
Compact dimensions



Variable
Speed



Timer
Function



3 speeds
DC motor



Dehumidification
mode



Cooling
mode



Heating
mode



Limitless Cooling

Lys R3 systems guarantee full cooling performance even at very high outside temperatures. In fact, the cooling mode is optimal even at 50°C outside temperature.

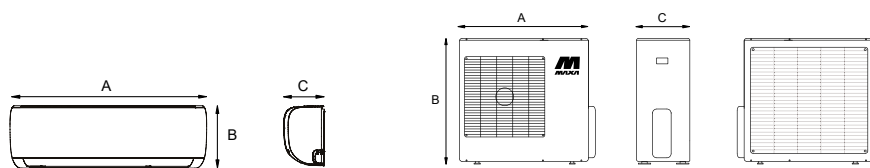
Unlimited Heating

Lys R3 systems guarantee full heating power even at very low outside temperatures. In fact, the heating mode is optimal even at -20°C outside temperature.



Maximum Silence

Thanks to the fan equipped with a DC type electric motor, Lys R3 systems guarantee the best energy efficiency together with excellent quietness. Finally, Sleep mode allows Lys R3 systems to further improve quietness by reaching a minimum of 21.5 db(A).



		LDL26R3 + LDL26R3	LDL35R3 + LDL35R3	LDL53R3 + LDL53R3	LDL70R3 + LDL70R3
Cooling capacity	kW	2,64	3,22	5,27	5,86
	BTU/h	9.000	12.000	18.000	24.000
Power input	kW	0,80	0,99	1,55	1,80
Absorbed current	A	3,48	4,3	6,7	7,86
S.E.E.R.		7,0 - A++	7,1 - A++	7,4 - A++	6,1 - A++
Heating capacity	kW	2,49	3,30	4,97	6,00
	BTU/h	8.500	13.000	19.000	25.000
Power input	kW	0,67	0,88	1,29	1,60
Absorbed current	A	2,9	3,8	5,64	6,99
S.C.O.P. (2)		4,1 - A+ / A+++	4,1 - A+ / A+++	4,0 - A+ / A+++	4,0 - A+ / A+++
INDOOR UNIT		LDL26R3	LDL35R3	LDL53R3	LDL70R3
Power supply	V~, Ph, Hz	230, 1, 50			
Air flow	m³/h	435/333/259	530/430/310	840/680/540	980/817/662
Sound pressure	dB(A)	37/32/25	39,5/35,5/25	43,5/36/26	45/40,5/36
Dimensions AxBxC	mm	715x285x194	805x285x194	957x302x213	1.040x327x220
Kg	kg	6,7	7,3	10	12,3
OUTDOOR UNIT		LDL26R3	LDL35R3	LDL53R3	LDL70R3
Compressor		Rotary Inverter			
Power supply	V~, Ph, Hz	230, 1, 50			
Air flow	m³/h	1.750	1.750	2.100	3.500
Sound power	dB(A)	59	63	63	67
Outdoor temp. *	°C (coo)	-15 / +50	-15 / +50	-15 / +50	-15 / +50
	°C (hea)	-20 / +30	-20 / +30	-20 / +30	-20 / +30
Piping lenght	m	≤ 25	≤ 25	≤ 30	≤ 50
Diff. in level	m	≤ 10	≤ 10	≤ 20	≤ 25
Refrigerant q.ty	R32/g	470	520	1080	1420
Gas pipe (1)	mm / inch	Φ9.53(3/8")	Φ9.53(3/8")	Φ12.7(1/2")	Φ15.9(5/8")
Liquid pipe	mm / inch	Φ6.35(1/4")	Φ6.35(1/4")	Φ6.35(1/4")	Φ9.53(3/8")
Dimensions AxBxC **	mm	720x495x270	720x495x270	805x554x330	890x673x324
Kg	kg	21	21	32,7	42,9

* Operating limits

(1) Please refer to the table of indoor units for the piping section

(2) Average climatic conditions / warm climatic conditions

Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.

For the consumption of the system refer to the label of the outdoor

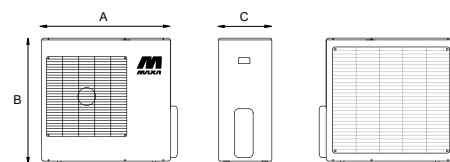
** The width measurement does not include attachments.

Outdoor Unit

Multisplit DC inverter
from 2 to 5 internal units

4,1 kW ÷ 12,3 kW

MULTISPLIT



		EXT2M42R	EXT2M53R	EXT3M53R	EXT3M62R	EXT3M80R1	EXT4M82R	EXT4M105R	EXT5M120R
Cooling capacity	kW	4,10	5,27	5,27	6,29	7,91	8,18	10,54	12,30
	BTU/h	14.000	18.000	18.000	21.000	27.000	28.000	36.000	42.000
Power input	kW	1,27	1,63	1,40	1,95	2,45	2,55	3,81	3,81
Absorbed current	A	5,52	7,10	6,20	9,00	13,70	11,00	15,00	16,00
S.E.E.R.		5,6 - A+	6,1 - A++	6,1 - A++	6,1 - A++	6,1 - A++	6,1 - A++	6,2 - A++	6,1 - A++
Heating capacity	kW	4,39	5,56	5,27	6,44	8,20	8,79	10,84	12,30
	BTU/h	15.000	19.000	18.000	22.000	28.000	30.000	37.000	42.000
Power input	kW	1,18	1,39	1,30	1,78	2,10	2,05	2,76	3,30
Absorbed current	A	5,15	6,1	5,9	8,5	12,5	9,0	12,1	14,6
S.C.O.P. Average		3,8 - A	3,8 - A+	4,0 - A+	4,0 - A+	4,0 - A+	3,8 - A	3,8 - A	3,5 - A
S.C.O.P. Warmer		4,6 - A++	5,1 - A+++	5,1 - A+++	4,8 - A++	5,1 - A+++	4,6 - A++	5,2 - A+++	5,1 - A+++
Max indoor units		2	2	3	3	3	4	4	5
Compressor		Rotary Inverter							
Power supply	V~, Ph, Hz	230, 1, 50							
Air flow	m³/h	2200	2100	2100	3000	3000	3800	4000	3850
Sound power	dB(A)	64	65	65	65	67	67	67	69
Outdoor temp. *	°C (coo)	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50
	°C (hea)	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24
Refrigerant q.ty	R32/g	1100	1250	1500	1500	1720	2100	2100	2900
Additional charge	g/m	12	12	12	12	12	12	12	12
Max. length with standard load	m	15	15	15	22,5	22,5	30	30	37,5
Max length for all indoor units	m	40	40	60	60	60	80	80	80
Max length for each unit	m	25	25	30	30	30	35	35	35
Max difference between inside and outside	m	15	15	15	15	15	15	15	15
Diff. in level between indoor units	m	10	10	10	10	10	10	10	10
Gas pipe (1)	mm / inch	Φ9,53(3/8")	Φ9,53(3/8")	Φ9,53(3/8")	Φ9,53(3/8")	Φ9,53(3/8")	Φ3x9,53+1x12,7 3x3/8"+1 x1/2"	Φ3x9,53+1x12,7 3x3/8"+1 x1/2"	Φ4x9,53+1x12,7 3x3/8"+1 x1/2"
Liquid pipe	mm / inch	Φ6,35(1/4")	Φ6,35(1/4")	Φ6,35(1/4")	Φ6,35(1/4")	Φ6,35(1/4")	4x Φ6,35 4x1/4"	4x Φ6,35 4x1/4"	4x Φ6,35 5x1/4"
Dimensions AxBxC	mm	800x554x333	800x554x333	805x554x333	845x702x363	845x702x363	946x810x410	946x810x410	946x810x410
Kg	kg	31,8	35,5	36,2	46,8	51,1	62,1	68,8	74,1

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Wall-mounted internal unit
with DC fan, Wi-Fi

2,6 kW ÷ 5,8 kW

NEW



MULTISPLIT



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as standard



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21,5 db(A)



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3 speeds
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Dehumidification
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