

R32
MULTI SPLIT



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OUTDOOR UNITS

OUTDOOR UNITS				MU2R15 UL0	MU2R17 UL0
Compressor	Type			Twin Rotary	Twin Rotary
Capacity*	Cooling	Min. / Nom. / Max.	kW	0.9 / 4.1 / 4.7	0.9 / 4.7 / 5.4
	Heating	Min. / Nom. / Max.	kW	1.0 / 4.7 / 5.4	1.0 / 5.3 / 5.7
Low Temperature Capacity	Heating	-7°C Max.	kW	3.3	3.7
	Cooling	Min. / Nom. / Max.	kW	0.2 / 1.0 / 1.4	0.2 / 1.3 / 1.7
Power Input*	Heating	Min. / Nom. / Max.	kW	0.2 / 1.1 / 1.4	0.2 / 1.3 / 1.6
	Cooling	Min. / Nom. / Max.	A	1.1 / 4.6 / 6.4	1.1 / 5.6 / 7.9
Running Current	Heating	Min. / Nom. / Max.	A	1.1 / 4.9 / 6.6	1.1 / 5.5 / 7.6
EER				4.14	3.75
COP				4.38	4.22
SEER				8.50	7.80
SCOP				4.20	4.20
Pdesign (①-10°C)			kW	4.10	4.10
Seasonal Energy Label	Cooling / Heating (A+++ to D Scale)			A+++ / A+	A+ / A+
Annual Energy Consumption	Cooling / Heating		kWh	169 / 1,367	210 / 1,367
Airflow Rate	Nom.		m ³ /min	28.2	28.2
Sound Pressure	Cooling	Nom.	dB(A)	48	48
	Heating	Nom.	dB(A)	51	51
Sound Power	Cooling	Max.	dB(A)	61	63
	Heating	Max.	dB(A)	63	65
Dimensions	W x H x D		mm	770 x 545 x 288	770 x 545 x 288
Net Weight			kg	36	36
	Type			R32	R32
Refrigerant	Charge		kg	1.1	1.1
	Additional Charge		g/m	20	20
	GWP			675	675
	1 x CO ₂ eq.			0.743	0.743
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48
	Heating	Min. / Max.	°C WB	-18 / 18	-18 / 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm ²	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm ²	4C x 0.75	4C x 0.75
Circuit Breaker			A	15	15
Piping Length Total			m	30	30
Piping Length per Branch	CU - CDU	Max.	m	20	20
	CU - CU	Max.	m	15	15
Piping Elevation Difference	CU - CU	Max.	m	7.5	7.5
	Liquid		mm (inch) x No.	Ø6.35 (1/4) x 2	Ø6.35 (1/4) x 2
Piping Connection	Gas		mm (inch) x No.	Ø9.52 (3/8) x 2	Ø9.52 (3/8) x 2

Notes:
1. Capacities are based on the following conditions:
Cooling - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB - Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.
2. * - See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination ratio should be more than 40%.
6. This product contains fluorinated greenhouse gases (R32).

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OUTDOOR UNITS				MU3R19 U21	MU3R21 U21	MU4R25 U21
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Capacity*	Cooling	Min. / Nom. / Max.	kW	1.1 / 5.3 / 6.3	1.1 / 6.2 / 7.3	1.1 / 7.0 / 8.5
	Heating	Min. / Nom. / Max.	kW	1.2 / 6.3 / 7.3	1.2 / 7.0 / 7.8	1.2 / 8.1 / 9.1
Low Temperature Capacity	Heating -7°C	Max.	kW	5.2	5.5	5.9
	Heating -7°C	Min. / Nom. / Max.	kW	0.3 / 1.1 / 2.0	0.3 / 1.4 / 2.5	0.3 / 1.8 / 2.8
Power Input*	Heating	Min. / Nom. / Max.	kW	0.3 / 1.3 / 2.0	0.3 / 1.5 / 2.4	0.3 / 1.8 / 2.9
	Cooling	Min. / Nom. / Max.	A	1.3 / 5.0 / 9.2	1.3 / 6.5 / 11.1	1.3 / 8.0 / 12.6
Running Current	Heating	Min. / Nom. / Max.	A	1.3 / 5.7 / 9.2	1.3 / 6.9 / 10.8	1.3 / 8.3 / 12.9
				4.75	4.28	4.00
EER				5.00	4.60	4.40
COP				8.50	8.50	8.00
SEER				4.40	4.40	4.40
SCOP				5.20	5.20	5.40
Pdesign (@-10°C)			kW	5.20	5.20	5.40
Seasonal Energy Label	Cooling / Heating (A+++ to D Scale)			A+++ / A++	A+++ / A++	A++ / A+
Annual Energy Consumption	Cooling / Heating			217 / 1,655	253 / 1,655	308 / 1,718
Airflow Rate	Nom.	m³/min		50	50	50
Sound Pressure	Cooling	Nom.	dB(A)	48	49	50
	Heating	Nom.	dB(A)	53	54	54
Sound Power	Cooling	Max.	dB(A)	63	64	66
	Heating	Max.	dB(A)	63	64	66
Dimensions	W x H x D	mm		870 x 650 x 330	870 x 650 x 330	870 x 650 x 330
Net Weight	Type	kg		46	46	46.2
	Charge	kg		1.4	1.4	1.4
Refrigerant	Additional Charge	g/m		20	20	20
	GWP			675	675	675
Operation Range (Outdoor)	t-CO ₂ eq.			0.945	0.945	0.945
	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48	-10 / 48
Power Supply	Heating	Min. / Max.	°C WB	-18 / 18	-18 / 18	-18 / 18
	Ø / V / Hz			1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable		No. x mm²		3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable		No. x mm²		4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker		A		20	20	20
Piping Length Total		m		50	50	70
Piping Length per Branch		m		25	25	25
Piping Elevation Difference	IDU / ODU	Max. m		15	15	15
	IDU - IDU	Max. m		7.5	7.5	7.5
Piping Connection	Liquid	mm (inch) x No.		Ø6.35 (1/4) x 3	Ø6.35 (1/4) x 3	Ø6.35 (1/4) x 4
	Gas	mm (inch) x No.		Ø9.52 (3/8) x 3	Ø9.52 (3/8) x 3	Ø9.52 (3/8) x 4

Notes:

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Heating - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.
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OUTDOOR UNITS				MU4R27 U40	MU5R30 U40
Compressor	Type			Twin Rotary	Twin Rotary
Capacity*	Cooling	Min. / Nom. / Max.	kW	1.3 / 7.9 / 9.5	1.3 / 8.8 / 10.6
	Heating	Min. / Nom. / Max.	kW	1.5 / 9.1 / 10.6	1.5 / 10.1 / 12.1
Low Temperature Capacity	Heating -7°C	Max.	kW	6.4	7.1
	Cooling	Min. / Nom. / Max.	kW	0.4 / 1.8 / 2.9	0.4 / 2.0 / 3.4
Power Input*	Heating	Min. / Nom. / Max.	kW	0.6 / 2.1 / 3.4	0.6 / 2.2 / 3.6
	Cooling	Min. / Nom. / Max.	A	1.9 / 8.1 / 13.1	1.9 / 9.1 / 15.2
Running Current	Heating	Min. / Nom. / Max.	A	2.8 / 9.4 / 15.3	2.8 / 9.7 / 16.3
	EER			4.39	4.40
COP			4.39	4.70	
SEER			8.00	8.20	
SCOP			4.20	4.20	
Pdesign (@-10°C)			kW	7.00	7.40
Seasonal Energy Label	Cooling / Heating (A+++ to D Scale)			A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating			348 / 2,333	376 / 2,467
Airflow Rate	Nom.	m³/min		60	60
Sound Pressure	Cooling	Nom.	dB(A)	50	50
	Heating	Nom.	dB(A)	54	54
Sound Power	Cooling	Max.	dB(A)	65	66
Dimensions	W x H x D	mm		950 x 834 x 330	950 x 834 x 330
Net Weight	Type	kg		61	61
	Charge	kg		2.3	2.6
Refrigerant	Additional Charge	g/m		20	20
	GWP			675	675
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48
	Heating	Min. / Max.	°C WB	-18 / 18	-18 / 18
Power Supply	Ø / V / Hz			1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable	No. x mm²			3C x 2.5	3C x 2.5
Transmission Cable	No. x mm²			4C x 0.75	4C x 0.75
Circuit Breaker	A			25	25
Piping Length Total	m			70	75
Piping Length per Branch	Max. m			25	25
Piping Elevation Difference	EU - CDU	Max. m		15	15
	EU - IDU	Max. m		75	75
Piping Connection	Liquid	mm (inch) x No.		Ø6.35 (1/4) x 4	Ø6.35 (1/4) x 5
	Gas	mm (inch) x No.		Ø9.52 (3/8) x 4	Ø9.52 (3/8) x 5

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