

MULTI SPLIT SYSTEMS



Voice Control



Smart Home



WiFi

MULTI SPLIT OUTDOOR UNITS



The Multi Split Series is the ideal solution for efficient 2, 3, 4 and 5 zone air conditioning with a single outdoor unit.

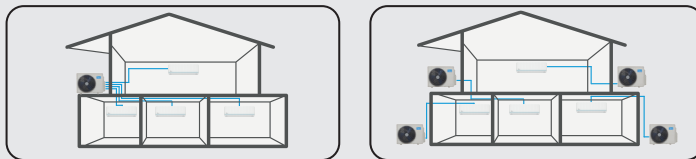
FLEXIBLE INSTALLATION

One outdoor unit can be connected with up to 5 indoor units. Each indoor unit can be individually controlled.

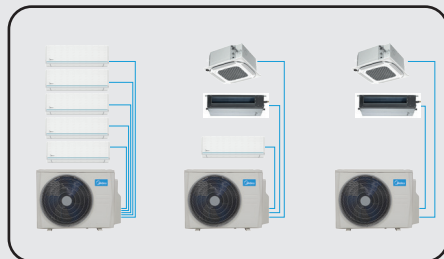
Indoor units do not need to be installed at the same time, which enables system expansion depending on the user's needs.

DEDICATED INDOOR UNITS

The Multi Split series is the ideal solution for efficient 2, 3, 4 or 5-zone air conditioning with a single outdoor unit. On a single system it is possible to connect a range of different indoors with varying capacities. All indoor units can be individually controlled and pipe lengths of up to 80 metres can be accommodated.



Flexible installation



Dedicated indoor units



4.1kW & 5.3kW



6.15kW & 7.9kW



8.2kW, 10.6 kW & 12.3 kW



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MULTI SPLIT SYSTEMS



MULTI SPLIT OUTDOOR UNITS

OUTDOOR			M2OH-14HFN8-Q	M2OE-18HFN8-Q	M3OG-21HFN8-Q	M3OA-27HFN8-Q
Nominal Cooling Capacity (min-max)	kW		4.10 (1.39 - 4.83)	5.3 (1.4 - 6.34)	6.15 (2.142 - 6.85)	7.9 (1.58 - 8.69)
Nominal Heating Capacity (min-max)	kW		4.40 (1.65 - 4.98)	5.6 (1.54 - 6.66)	6.59 (1.80 - 6.74)	8.2 (1.58 - 8.69)
Outdoor air flow	m ³ /h		2100	2100	3000	3000
Outdoor sound pressure level	dB(A)		57	58	54	56
Connectable Indoors			2	2	3	3
Seasonal Efficiency SEER/Class	W/W		6.8/A++	6.1/A++	6.5/A++	6.1/A++
Seasonal Efficiency SCOP/Class	W/W		4/A+	4/A+	4/A+	4/A+
Power supply (Outdoor)	V-Ph-Hz		220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling Current (min-max)	A		5.8(1.9-7.6)	7.1(3.2-9.0)	8.3(1.8-10)	11.2(2.2-14.9)
Heating Current (min-max)	A		5.5(2.5-7.3)	6.6(2.80-7.90)	7.6(2.6-8)	10.1(1.1-12.5)
Max. Current	A		12	13	17	18
Recommended Fuse Size (Outdoor)	A		16	16	20	20
Dimensions (WxDxH)	mm		805x330x554	805x330x554	890x342x673	890x342x673
Packing (WxDxH)	mm		915x370x615	915x370x615	1030x438x750	1030x438x750
Net/Gross weight	Kg		31.6/34.7	35/38	43.3/47.1	48/51.8
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Charged quantity	Kg	1.1	1.25	1.5	1.85
	Charged to	m	7.5 (Per Port)	7.5 (Per Port)	7.5 (Per Port)	7.5 (Per Port)
	Additional Charge	g/m	12	12	12	12
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø6.35 & Ø9.52 (x2) (1/4" & 3/8" (x2))	Ø6.35 & Ø9.52 (x2) (1/4" & 3/8" (x2))	Ø6.35 & Ø9.52 (x3) (1/4" & 3/8" (x3))	Ø6.35 & Ø9.52 (x3) (1/4" & 3/8" (x3))
	Max. pipe length (All)	m	40	40	60	60
	Max. pipe length (Per indoor)	m	25	25	30	30
	Max. height indoor to outdoor	m	15	15	15	15
	Max. height between indoors	m	10	10	10	10
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
Outdoor (Cooling/Heating)	°C		-15-50/-15-24	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24

Nominal Conditions: Cooling; indoor 27°C DB, 19°C WB, outdoor 35°C DB, 24°C WB.

Nominal Conditions: Heating; indoor 20°C DB, outdoor 7°C DB, 6°C WB.

UK Conditions: Summer: indoor 21°C DB, 15°C WB, outdoor 27°C DB.

Sound Pressure is measured 1.5m below the air-outlet at Nominal Conditions.



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MULTI SPLIT OUTDOOR UNITS

OUTDOOR			M40E-28HFN8-Q	M40B-36HFN8-Q	M50E-42HFN8-Q
Nominal Cooling Capacity (min-max)	kW		8.20 (2.84 - 9.67)	10.6 (1.59 - 13.78)	12.3 (1.66 - 14)
Nominal Heating Capacity (min-max)	kW		8.79 (2.28 - 11.42)	11.1 (1.8 - 14.4)	12.3 (1.66 - 14.94)
Outdoor air flow	m ³ /h		3800	4000	3850
Outdoor sound pressure level	dB(A)		56	57	57
Connectable Indoors			4	4	5
Seasonal Efficiency SEER/Class	w/w		7.0/A++	6.1/A++	6.5/A++
Seasonal Efficiency SCOP/Class	w/w		4/A+	4/A+	3.8/A
Power supply (Outdoor)	V-Ph-Hz		220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling Current (min-max)	A		13.2(3.92-15.6)	16.8(4.1-19)	17.8(2.3-20.4)
Heating Current (min-max)	A		13.5(4.43-14.37)	15(4.9-17.5)	13.5(3.6-17.4)
Max. Current	A		19	21.5	22
Recommended Fuse Size (Outdoor)	A		20	25	25
Dimensions (WxDxH)	mm		946x410x810	946x410x810	946x410x810
Packing (WxDxH)	mm		1090x500x885	1090x500x885	1090x500x885
Net/Gross weight	Kg		62.1/67.7	68.8/75.6	74.1/79.5
Refrigerant	Type		R32	R32	R32
	GWP		675	675	675
	Charged quantity	Kg	2.1	2.1	2.9
	Charged to	m	7.5 (Per Port)	7.5 (Per Port)	7.5 (Per Port)
	Additional Charge	g/m	12	12 / 24	12 / 24
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø6.35 & Ø9.52 (x4) (1/4" & 3/8" (x4))	Ø6.35 (x4) & Ø9.52 (x3) & Ø12.7(x1) (1/4" (x4) & 3/8" (x3) & 1/2" (x1))	Ø6.35 (x5) & Ø9.52 (x4) & Ø12.7(x1) (1/4" (x5) & 3/8" (x4) & 1/2" (x1))
	Max. pipe length (All)	m	80	80	80
	Max. pipe length (Per indoor)	m	35	35	35
	Max. height indoor to outdoor	m	15	15	15
	Max. height between indoors	m	10	10	10
Thermostat type			Remote Control	Remote Control	Remote Control
Outdoor (Cooling/Heating)	°C		-15-50/-15-24	-15-50/-15-24	-15-50/-15-24

Nominal Conditions: Cooling; indoor 27°C DB, 19°C WB, outdoor 35°C DB, 24°C WB.

Nominal Conditions: Heating; indoor 20°C DB, outdoor 7°C DB, 6°C WB.

UK Conditions: Summer: indoor 21°C DB, 15°C WB, outdoor 27°C DB.

Sound Pressure is measured 1.5m below the air-outlet at Nominal Conditions.



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MULTI SPLIT OUTDOOR UNITS

AG ECO - WALL MOUNTED



IR Controller RG10-S (included)

INDOOR			AG2Eco-09NXD0-I(U)	AG2Eco-12NXD0-I(U)	AG2Eco-18NXD0-I(U)	AG2Eco-24NXD0-I(U)
Nominal Cooling Capacity (min-max)	kW		2.64 (1.02 - 3.22)	3.51 (1.37 - 4.30)	5.27 (3.39 - 5.89)	7.03 (2.11 - 8.20)
Nominal Heating Capacity (min-max)	kW		2.93 (0.82 - 3.37)	3.80 (1.69 - 4.38)	5.56 (3.10 - 5.84)	7.32 (1.55 - 8.20)
UK Total Cooling Capacity	kW		3.06	4.08	5.59	7.79
Interconnecting Wiring	No.		4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm
Power Supply	V-Hz-Ph		Via Outdoor	Via Outdoor	Via Outdoor	Via Outdoor
Indoor air flow (High - Low)	m ³ /h		520/460/330	530/400/350	800/600/500	1090/770/610
Indoor Sound Pressure Level (High-Low)	dB(A)		37/32/22/20	37/32/22/21	41/37/31/20	46/37/34.5/21
Dimensions (WxDxH)	mm		726x210x291	835x208x295	969x241x320	1083x244x336
Packing (WxDxH)	mm		790x270x375	905x290x355	1045x315x405	1155x315x415
Net/Gross weight	Kg		8/10.5	8.7/11.5	11.2/14.6	13.6/17.3
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
Refrigerant piping	Liquid side/Gas side	mm(inch)	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")
Indoor (Cooling/Heating)		°C	16-32/0-30	16-32/0-30	16-32/0-30	16-32/0-30

A6 DUCTED



IR Controller RG10-S (included)



Wired Controller KJR-120M1 (included)

INDOOR			MTIU-09HWFNX(GA)	MTIU-12HWFNX(GA)	MTIU-18HWFNX(GA)
Nominal Cooling Capacity (min-max)	kW		2.6(1.03 - 3.2)	3.52(0.53-3.99)	5.28(2.55-5.86)
Nominal Heating Capacity (min-max)	kW		3.0(0.82 - 3.4)	3.81(1.00-4.39)	5.57(2.20-6.15)
UK Total Cooling Capacity	kW		3.06	3.79	5.56
Power Supply	V-Hz-Ph		Via Outdoor	Via Outdoor	Via Outdoor
Interconnecting Wiring	No.		4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm
External Static Pressure	Pa		0-40	0-60	0-100
Indoor air flow (High - Low)	m ³ /h		500/340/230	600/480/300	880/650/350
Indoor Sound Pressure Level (High-Low)	dB(A)		40/34.5/27.5	34.5/30.5/29/23	42/39/35/26
Dimensions (WxDxH)	mm		700x506x200	700x506x200	880x674x210
Packing (WxDxH)	mm		860x540x285	860x540x285	1070x725x280
Net/Gross weight	Kg		17.8/21.5	17.8/21.5	24.4/29.6
Thermostat type			Remote Control	Remote Control	Remote Control
Refrigerant piping	Liquid side/Gas side	mm(inch)	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")
Indoor (Cooling/Heating)		°C	16-32/0-30	16-32/0-30	16-32/0-30



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MULTI SPLIT OUTDOOR UNITS

COMPACT ROUNDFLOW CASSETTE



09



12/18



IR Controller RG10-S/B (included)



Wired Controller KJR-120M1 (included)

INDOOR			MCA3U-09HRFNX(GA)	MCA4U-12HRFNX(GA)	MCA4U-18HRFNX(GA)
Nominal Cooling Capacity (min-max)	kW		2.6(1.03 - 3.2)	3.52 (0.85-4.16)	5.28(2.90-5.59)
Nominal Heating Capacity (min-max)	kW		3.0(0.82 - 3.4)	3.81 (0.47-4.34)	5.57(2.37-6.10)
UK Total Cooling Capacity	kW		3.06	3.9	5.3
Power Supply	V-Hz-Ph		Via Outdoor	Via Outdoor	Via Outdoor
Interconnecting Wiring	No.		4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm
Indoor air flow (Hi/Mi/Lo)	m ³ /h		540/500/460	620/520/330	660/540/300
Indoor Sound Pressure Level (High-Low)	dB(A)		39/37/35	42/38.5/31.5/25.5	44/41/31.5/25
Dimensions (WxDxH) (body)	mm		570x570x260	570x570x245	570x570x245
Packing (WxDxH) (body)	mm		675x640x295	715x640x295	715x640x295
Net/Gross weight (body)	Kg		14.5/17.3	16.1/18.8	16.2/19
Dimensions (WxDxH) (panel)	mm		647x647x50	620x620x50	620x620x50
Packing (WxDxH) (panel)	mm		715x715x123	715x700x115	715x700x115
Net/Gross weight (panel)	Kg		14.5/17.5	2.7/4.3	2.7/4.3
Thermostat type			Remote Control	Remote Control	Remote Control
Refrigerant piping	Liquid side/Gas side	mm(inch)	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")
Indoor (Cooling/Heating)		°C	16-32/0-30	16-32/0-30	16-32/0-30

CONSOLE



IR Controller RG10-S (included)

INDOOR			MFA2U-09HRFNX(GA)	MFA2U-12HRFNX(GA)	MFA2U-17HRFNX(GA)
Nominal Cooling Capacity (min-max)	kW		2.6(0.76-3.25)	3.52(0.76-4.25)	4.98(2.64-5.57)
Nominal Heating Capacity (min-max)	kW		2.94(0.45-4.69)	3.81(0.45-4.69)	5.28(2.20-6.30)
UK Total Cooling Capacity	kW		3.01	3.82	5.01
Power Supply	V-Hz-Ph		Via Outdoor	Via Outdoor	Via Outdoor
Interconnecting Wiring	No.		4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm
Indoor air flow (High - Low)	m ³ /h		650/580/490	650/580/490	780/690/600
Indoor Sound Pressure Level (High-Low)	dB(A)		37/34/27/23	37/34/27/23	41/38/32/26
Dimensions (WxDxH)	mm		794x200x621	794x200x621	794x200x621
Packing (WxDxH)	mm		865x280x719	865x280x719	865x280x719
Net/Gross weight	Kg		14.9/18.8	14.9/18.8	14.9/18.8
Thermostat type			Remote Control	Remote Control	Remote Control
Refrigerant piping	Liquid side/Gas side	mm(inch)	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")
Indoor (Cooling/Heating)		°C	16-32/0-30	16-32/0-30	16-32/0-30



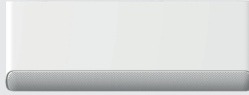
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MULTI SPLIT SYSTEMS



MULTI SPLIT OUTDOOR UNITS

BREEZELESS E - WALL MOUNTED



IR Controller RG10-B (included)

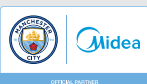
INDOOR			CBI-09HRFN8-I	CBI-12HRFN8-I	CBI-18HRFN8-I	CBI-24HRFN8-I
Nominal Cooling Capacity (min-max)	kW		2.79 (1.02 - 3.51)	3.77 (1.377 - 4.39)	5.27 (1.93 - 6.27)	7.03 (1.37 - 8.29)
Nominal Heating Capacity (min-max)	kW		2.93 (1.02 - 3.81)	3.79 (1.84 - 4.39)	5.56 (1.28 - 7.0)	7.32 (1.61 - 9.05)
UK Total Cooling Capacity	kW		3.25	4.17	5.7	7.78
Interconnecting Wiring	No.		4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm
Power Supply	V-Hz-Ph		Via Outdoor	Via Outdoor	Via Outdoor	Via Outdoor
Indoor air flow (High - Low)	m ³ /h		510/415/375	520/420/380	835/620/510	1170/950/810
Indoor Sound Pressure Level (High-Low)	dB(A)		37/32/20.5/19.5	37.5/35.5/21/20	41/36.5/32.5/20.5	45.0/40.5/30.5/24.0
Dimensions (WxDxH)	mm		812x199x299	812x199x299	968x225x320	1030x338x238
Packing (WxDxH)	mm		870x277x385	870x277x385	1027x307x412	1125x430x345
Net/Gross weight	Kg		9.1/11.6	9.3/12.2	12.3/16.2	14.26/21.66
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
Refrigerant piping	Liquid side/Gas side	mm(inch)	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")
Indoor (Cooling/Heating)		°C	16-32/0-30	16-32/0-30	16-32/0-30	16-32/0-30

PENROSE XT - WALL MOUNTED



IR Controller RG10-S (included)

INDOOR			MSXTBU-09HRFN8	MSXTBU-12HRFN8	MSXTBU-18HRFN8
Nominal Cooling Capacity (min-max)	kW		2.63 (1.23 - 3.29)	3.72 (1.31 - 4.30)	5.27 (1.81 - 6.00)
Nominal Heating Capacity (min-max)	kW		2.93 (0.84 - 3.72)	3.80 (0.87 - 4.39)	5.56 (1.25 - 6.15)
UK Total Cooling Capacity	kW		3.08	3.9	5.6
Interconnecting Wiring	No.		4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm
Power Supply	V-Hz-Ph		Via Outdoor	Via Outdoor	Via Outdoor
Indoor air flow (Hi/Mi/Lo)	m ³ /h		700/515/425	700/515/425	750/530/430
Indoor Sound Pressure Level (High-Low)	dB(A)		40/32.5/21.5	40/32.5/21.5	41.5/36.5/33.5/19
Dimensions (WxDxH)	mm		920x211x321	920x211x321	920x211x321
Packing (WxDxH)	mm		1005x385x295	1005x385x295	1005x385x295
Net/Gross weight	Kg		11.30/14.16	11.30/14.16	11.3/14.4
Thermostat type			Remote Control	Remote Control	Remote Control
Refrigerant piping	Liquid side/Gas side	mm(inch)	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")
Indoor (Cooling/Heating)		°C	16-32/0-30	16-32/0-30	16-32/0-30



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MULTI SPLIT SYSTEMS



COMBINATION TABLES

M2OH-14HFN8-Q

ONE UNIT	TWO UNIT
9	9+9
12	
17	
18	

M2OE-18HFN8-Q

ONE UNIT	TWO UNIT
9	9+9
12	9+12
17	12+12
18	

M3OG-21HFN8-Q

ONE UNIT	TWO UNIT	THREE UNIT
9	9+9	9+9+9
12	9+12	
17	9+17	
18	9+18	
	12+12	

M3OA-27HFN8-Q

ONE UNIT	TWO UNIT	THREE UNIT
9	9+9, 12+12	9+9+9
12	9+12, 12+17	9+9+12
17	9+17, 12+18	9+12+12
18	9+18	12+12+12

M4OE-28HFN8-Q

ONE UNIT	TWO UNIT	THREE UNIT	FOUR UNIT
9	9+9, 12+17	9+9+9	9+9+9+9
12	9+12, 12+18	9+9+12	
17	9+17, 12+24	9+9+17	
18	9+18, 17+17	9+9+18	
24	9+24, 17+18	9+12+12	
	12+12, 18+18	12+12+12	

M4OB-36HFN8-Q

ONE UNIT	TWO UNIT	THREE UNIT	FOUR UNIT
9	9+9, 12+12	9+9+9, 9+12+24	9+9+9+9, 9+9+12+12
12	9+12, 12+17	9+9+12, 9+17+17	9+9+9+12, 9+9+12+17
17	9+17, 12+18	9+9+17, 9+17+18	9+9+9+17, 9+9+12+18
18	9+18, 12+24	9+9+18, 9+18+18	9+9+9+18, 9+12+12+12
24	9+24, 17+17	9+9+24, 12+12+12	12+12+12+12
		18+18, 9+12+12, 12+12+17	
		9+12+17, 12+12+18	
		9+12+18	

M5OE-42HFN8-Q

ONE UNIT	TWO UNIT	THREE UNIT	FOUR UNIT	FIVE UNIT
9	9+9, 12+12	9+9+9, 9+12+18	9+9+9+9, 9+9+12+24	9+9+9+9+9
12	9+12, 12+18	9+9+12, 9+18+18	9+9+9+12, 9+12+12+12	9+9+9+9+12
17	9+17, 12+24	9+9+17, 12+12+12	9+9+9+17, 9+12+12+17	9+9+9+9+17
18	9+18, 17+17	9+9+18, 12+12+17	9+9+9+18, 9+12+12+18	9+9+9+9+18
24	9+24, 17+18	9+9+24, 12+17+17	9+9+9+24, 12+12+12+12	9+9+9+12+12
		18+18, 9+12+12, 12+17+18	9+9+12+12, 12+12+12+17	9+9+12+12+12
		9+12+24, 12+12+18	9+9+12+17, 12+12+12+18	
		9+12+17, 12+18+18	9+9+12+18	
		9+17+17, 12+12+24		
		9+17+18		

* Any combinations not detailed above do not meet with Midea permissible combinations, and should not be used.



MULTI SPLIT SYSTEMS

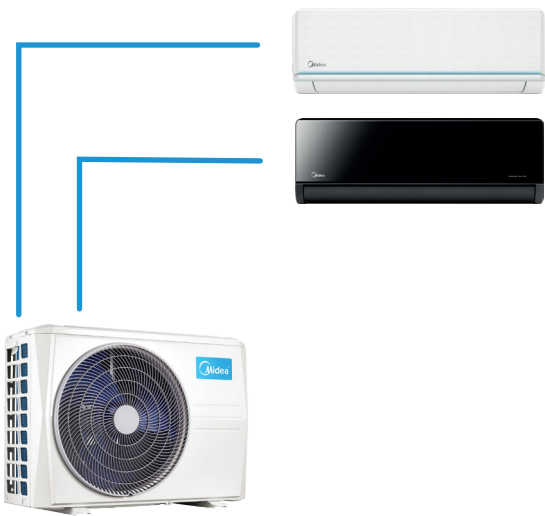


MULTI SPLIT SYSTEMS

- Full flexibility with mix & match combinations
 - mix unit type & capacity
- Control each unit individually
- Up to 130% diversity
- Up to 80 metres total pipework
- Up to 5 zones from a single outdoor unit
- Indoor capacity from: cooling 2.6 kW to 8.25 kW / heating 3 kW to 8.53 kW
- Wi-Fi control as standard with the full Multi indoor range

M2 - UP TO 2 INDOORS

Cooling: 4.1 kW to 6.34 kW
Heating: 4.4 kW to 6.66 kW



M3 - UP TO 3 INDOORS

Cooling: 6.15 kW to 8.69 kW
Heating: 6.59 kW to 8.69 kW



M4 - UP TO 4 INDOORS

Cooling: 8.2 kW to 13.78 kW
Heating: 8.79 kW to 14.4 kW



M5 - UP TO 5 INDOORS

Cooling: 12.3 kW to 14 kW
Heating: 12.3 kW to 14.94 kW

