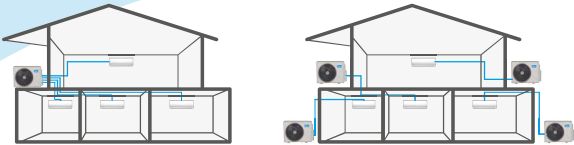


FREE MATCH MULTI SERIES



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 Free Match range 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 meters can be accommodated.



FREE MATCH OUTDOOR UNITS



5.3kW



7.9kW



10.6 kW, 12.3 kW

OUTDOOR		M20-18FNS-Q	M30-27FNS-Q	M40-36FNS-Q	M50-42FNS-Q
Nominal Cooling Capacity (min-max)	kW	5.3 (1.4 - 6.34)	7.9 (1.58 - 8.69)	10.6 (1.59 - 13.78)	12.3 (1.66 - 14)
Nominal Heating Capacity (min-max)	kW	5.6 (1.54 - 6.66)	8.2 (1.58 - 8.69)	11.1 (1.8 - 14.4)	12.3 (1.66 - 14.94)
Outdoor air flow	m ³ /h	2200	2700	4000	3850
Outdoor sound pressure level	m ³ /h	53	56	60	58
Seasonal Efficiency SEER/Class	W/W	6.1/A+	6.1/A++	6.2/A++	6.1/A++
Seasonal Efficiency SCOP/Class	W/W	4/A	4/A	3.8/A	3.8/A
Power supply (Outdoor)	V/Hz	220-240V~50Hz, 1Ph	220-240V~50Hz, 1Ph	220-240V~50Hz, 1Ph	220-240V~50Hz, 1Ph
Cooling Current (min-max)	A	7.1(6.7-8.27)	10.6(9.9-13.5)	15.0(1.5-18.5)	18.6(1.2-20.0)
Heating Current (min-max)	A	6.1(1.4-7.34)	10.0(1.4-12.5)	12.1(2.1-18.4)	13.9(2.2-17.6)
Max. Current	A	12	15	21.5	22
Recommended Fuse Size (Outdoor)	A	16	16	25	25
Dimension (WxDxH)	mm	800x333x554	840x363x702	946x410x810	946x410x810
Packing (WxDxH)	mm	920x390x615	965x395x755	1090x500x875	1090x500x875
Net/Gross weight	kg	36/39	53/56.5	68.6/75.6	73.3/80.4
Refrigerant	Type	R32	R32	R32	R32
	GWP	675	675	675	675
	Charged quantity	kg	1.3	2.1	2.4
	Additional Charge	g/m	12	12	12 (1/4") 24 (3/8")
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35 & 9.52 (x2) (1/4" & 3/8" (x2))	6.35 & 9.52 (x3) (1/4" & 3/8" (x3))	6.35 & 9.52 (x4) (1/4" & 3/8" (x4))
	Max. pipe length (m)	m	40	60	80
	Max. pipe length (Per indoor)	m	25	30	35
	Max. height indoor to outdoor	m	15	15	15
Thermostat type	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control
	Outdoor (Cooling/Heating)	°C	-15~50/-15~24	-15~50/-15~24	-15~50/-15~24
PRICE £		992,00	1,412,00	2,210,00	2,306,00
Mi Points		18	27	36	42

FREE MATCH INDOOR UNITS

HIGH WALL

INDOOR		MA-69KXD01	MA-12NXD01	MA-18KXD01	MA-24KXD01
Nominal Cooling Capacity (min-max)	kW	2.6 (1.02 - 3.22)	3.5 (1.08 - 4.10)	5.3 (1.91 - 6.14)	7.0 (2.65 - 8.25)
Nominal Heating Capacity (min-max)	kW	3.0 (0.82 - 3.37)	4.0 (1.08 - 4.22)	5.7 (1.4 - 6.91)	7.6 (2.91 - 8.53)
UK Total Cooling Capacity	kW	3.06	3.94	5.91	7.4
Interconnecting Wiring	No.	4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm
Power Supply	VHzPh	Via Outdoor	Via Outdoor	Via Outdoor	Via Outdoor
Indoor air flow (H ₁ /M ₁ /L ₁)	m ³ /h	520/480/340	600/500/360	860/690/560	1050/860/700
Indoor sound pressure level (H ₁ /M ₁ /L ₁)	dBA	36/30/26/21	38/34/28/22	43/36/30/22	47/40/33/22
Dimension (WxDxH)	mm	805x205x285	805x205x285	958x223x302	1038x235x325
Packing (WxDxH)	mm	870x285x360	870x285x360	1035x305x380	1120x405x330
Net/Gross weight	Kg	7.9/10.3	10.3/13.3	10.3/13.3	12.8/16.2
Thermostat type		Remote Control	Remote Control	Remote Control	Remote Control
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")
Indoor (Cooling/Heating)	°C	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30
PRICE £		196.00	222.00	292.00	330.00

COMPACT CASSETTE

INDOOR		MCASU-09FNXD0	MCASU-12FNXD0	MCASU-18FNXD0	
Nominal Cooling Capacity (min-max)	kW	2.6 (1.03-3.2)	3.5 (0.62-4.40)	5.3 (0.79-6.15)	
Nominal Heating Capacity (min-max)	kW	3.0 (0.82 - 3.4)	4.1 (0.62-4.13)	5.6 (0.88-7.03)	
UK Total Cooling Capacity	kW	3.06	4.17	5.77	
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 (H1/M1/L1)	m³/h	580/500/450	617/504/415	680/560/500	
Indoor sound pressure level (H1/M1/L1)	dBA	35/33/31	37/34/31	44/38/33	
Dimension (WxDxH) (body)	mm	570x570x290	570x570x290	570x570x290	
Packing (WxDxH) (body)	mm	605x605x290	605x605x290	605x605x290	
Net/Gross weight (body)	kg	14.5/17.3	16.2/21.4	16.2/21.4	
Dimension (WxDxH) (panel)	mm	647x647x50	647x647x50	647x647x50	
Packing (WxDxH) (panel)	mm	715x715x123	715x715x123	715x715x123	
Net/Gross weight (panel)	kg	2.5/4.5	2.5/4.5	2.5/4.5	
Thermostat type		Remote Control	Remote Control	Remote Control	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")
Indoor (Cooling/Heating)	°C	17~32/0~30	17~32/0~30	17~32/0~30	
PRICE £		600.00	610.00	630.00	

DUCTED

INDOOR		MTU-09FNXD0	MTU-12FNXD0	MTU-18FNXD0
Nominal Cooling Capacity (min-max)	kW	2.6 (1.03 - 3.2)	3.5 (0.62-4.40)	5.3 (0.79-6.15)
Nominal Heating Capacity (min-max)	kW	3.0 (0.82 - 3.4)	3.8(0.62-4.98)	5.7(0.88-7.03)
UK Total Cooling Capacity	kW	3.06	4.17	5.77
Power Supply	VHzPh	Via Outdoor	Via Outdoor	Via Outdoor
Interconnecting Wiring	No.	4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm
Indoor air flow (H ₁ /M ₁ /L ₁)	m ³ /h	580/500/450	650/530/450	800/650/500
Indoor sound pressure level (H ₁ /M ₁ /L ₁)	dBA	32/26/26	38/35/32	42/36/36
Dimension (WxDxH)	mm	700x635x210	700x635x210	700x635x210
Packing (WxDxH)	mm	915x655x290	915x655x290	915x655x290
Net/Gross weight	Kg	18.5/23.1	18.5/23.1	23.0/29.0
Thermostat type		Remote Control	Remote Control	Remote Control
Refrigerant piping	Refrigerant	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")
Indoor (Cooling/Heating)	°C	17~32/0~30	17~32/0~30	17~32/0~30
PRICE £		422.00	470.00	542.00

*Data & Availability to be confirmed.

FREE MATCH INDOOR UNITS

CONSOLE

INDOOR		MFAU-09FNXD0	MFAU-12FNXD0	MFAU-18FNXD0
Nominal Cooling Capacity (min-max)	kW	2.6 (1.03 - 3.2)	3.5(1.08 - 4.1)	5.3 (1.8 - 6.1)
Nominal Heating Capacity (min-max)	kW	3.0 (0.82 - 3.4)	4.0 (0.88 - 4.2)	5.7 (1.4 - 6.7)
UK Total Cooling Capacity	kW	3.06	3.85	5.73
Power Supply	VHzPh	Via Outdoor	Via Outdoor	Via Outdoor
Interconnecting Wiring	No.	4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm
Indoor air flow (H ₁ /M ₁ /L ₁)	m ³ /h	550/470/360	550/470/360	740/700/640
Indoor sound pressure level (H ₁ /M ₁ /L ₁)	dBA	45/40/35	47/41/35	48/42/36
Dimension (WxDxH)	mm	700x1040x60	700x1040x60	700x1040x60
Packing (WxDxH)	mm	810x1050x710	810x1050x710	810x1050x710
Net/Gross weight	Kg	13.5 / 18	15 / 20	19 / 20
Thermostat type		Remote Control	Remote Control	Remote Control
Refrigerant piping	Refrigerant	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")
Indoor (Cooling/Heating)	°C	17~32/0~30	17~32/0~30	17~32/0~30
PRICE £		350.00	374.00	406.00

*Data & Availability to be confirmed.

COMBINATION TABLES

M20-18FN8-Q

One Unit	Two Unit
9	9+9
12	9+12
18	9+18
	12+12

M30-27FN8-Q

One Unit	Two Unit	Three Unit
9	9+9	9+9+9
12	9+12	9+9+12
18	9+18	9+9+18
	12+12	9+12+12
	12+18	9+12+18
	18+18	12+12+12






M40-36FN8-Q

One Unit	Two Unit	Three Unit	Four Unit
9	9+9	9+9+9	9+9+9+9
12	9+12	12+18	9+9+12
18	9+18	12+24	9+9+18
24	9+24	12+24	9+9+24
		9+12+12	12+12+18
		9+12+18	12+18+18

M50-42FN8-Q

One Unit	Two Unit	Three Unit	Four Unit	Five Unit
9	9+9	12+12	9+9+9	9+12+12
12	9+12	12+18	9+9+12	9+18+18
18	9+18	12+24	9+9+18	12+12+12
24	9+24	18+18	9+9+24	12+12+18
			9+12+12	12+12+12
			9+12+18	12+12+18
			9+12+24	12+12+24
			9+18+18	12+12+18

FREE MATCH MULTI
QUICK REFERENCE GUIDE

TYPE	CODE	COOLING kW (Min-Max)	HEATING kW (Min-Max)	PIPE SIZES	HEATING PIPE LENGTH (m)		MAX PIPE HIGHT (m)	CHARGE g/lb	INTERCONNECTING CABLE	POWER TO	POWER SUPPLY		LIST PRICE	MIPRO CONTRIBUTION	
											Ph	Fuse (A)		MI Points	Refrigerant Payment
Free Range Outdoor															
	18	5.3 (1.4 - 6.34)	5.6 (1.54 - 6.66)	1/4" & 3/8" (x2)	40		10	See Indoor	See Indoor	Outdoor	1	16	£992.00	18	£10
	27	7.9 (1.58 - 8.69)	8.2 (1.58 - 8.69)	1/4" & 3/8" (x3)	60		10	See Indoor	See Indoor	Outdoor	1	16	£1 412.00	27	£12
	36	10.6 (1.59 - 13.78)	11.1 (1.9 - 14.4)	1/4" (x4) & 3/8" (x3) & 1/2" (x1)	80		10	See Indoor	See Indoor	Outdoor	1	25	£2 210.00	36	£17
	42	12.3 (1.66 - 14)	12.3 (1.66 - 14.94)	1/4" (x5) & 3/8" (x4) & 1/2" (x1)	80		10	See Indoor	See Indoor	Outdoor	1	25	£2 306.00	42	£21
Free Range High Wall															
MA															
	9	2.6 (1.02 - 3.22)	3.0 (0.82 - 3.37)	1/4" & 3/8"	25 - 35*		10	12	4 Core 1.5mm	Outdoor	1	N/A	£196.00	See Outdoor	
	12	3.9 (1.08 - 4.10)	4.0 (0.08 - 4.22)	1/4" & 3/8"	25 - 35*		10	12	4 Core 1.5mm	Outdoor	1	N/A	£222.00	See Outdoor	
	18	5.3 (1.91 - 6.14)	5.7 (1.4 - 6.91)	1/4" & 1/2"	25 - 35*		10	12	4 Core 1.5mm	Outdoor	1	N/A	£292.00	See Outdoor	
	24	7.0 (2.65 - 8.25)	7.6 (2.91 - 8.53)	3/8" 5/8"	25 - 35*		10	24	4 Core 1.5mm	Outdoor	1	N/A	£330.00	See Outdoor	
Free Range Compact Cassette															
MCA															
	9	2.6 (1.03 - 3.2)	3.0 (0.82 - 3.4)	1/4" & 3/8"	25 - 35*		10	12	4 Core 1.5mm	Outdoor	1	N/A	£600.00	See Outdoor	
	12	3.5 (0.62-4.40)	4.1 (0.62-6.13)	1/4" & 3/8"	25 - 35*		10	12	4 Core 1.5mm	Outdoor	1	N/A	£610.00	See Outdoor	
	18	5.3 (0.79-6.15)	5.6 (0.89-7.03)	1/4" & 1/2"	25 - 35*		10	12	4 Core 1.5mm	Outdoor	1	N/A	£630.00	See Outdoor	
Free Range Ducted															
MTI															
	9	2.6 (1.03 - 3.2)	3.0 (0.82 - 3.4)	1/4" & 3/8"	25 - 35*		10	12	4 Core 1.5mm	Outdoor	1	N/A	£422.00	See Outdoor	
	12	3.5 (0.62-4.40)	3.8(0.62-4.98)	1/4" & 3/8"	25 - 35*		10	12	4 Core 1.5mm	Outdoor	1	N/A	£470.00	See Outdoor	
	18	5.3 (0.79-6.15)	5.7(0.89-7.03)	1/4" & 1/2"	25 - 35*		10	12	4 Core 1.5mm	Outdoor	1	N/A	£542.00	See Outdoor	
Free Floor Mount															
MFA															
	9	2.6 (1.03 - 3.2)	3.0 (0.82 - 3.4)	1/4" & 3/8"	25 - 35*		10	12	4 Core 1.5mm	Outdoor	1	N/A	£350.00	See Outdoor	
	12	3.9 (1.08 - 4.1)	4.0 (0.88 - 4.2)	1/4" & 3/8"	25 - 35*		10	12	4 Core 1.5mm	Outdoor	1	N/A	£374.00	See Outdoor	
	18	5.3 (1.8 - 6.1)	5.7 (1.4 - 6.7)	1/4" & 1/2"	25 - 35*		10	12	4 Core 1.5mm	Outdoor	1	N/A	£408.00	See Outdoor	

*Max pipe length varies depending on outdoor/indoor combination - see manual for full details.