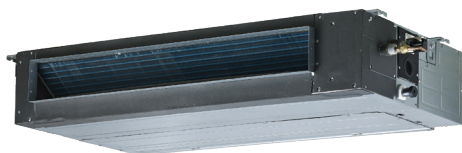
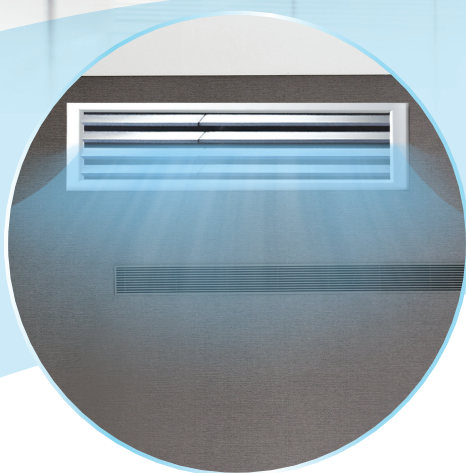


DUCT SERIES



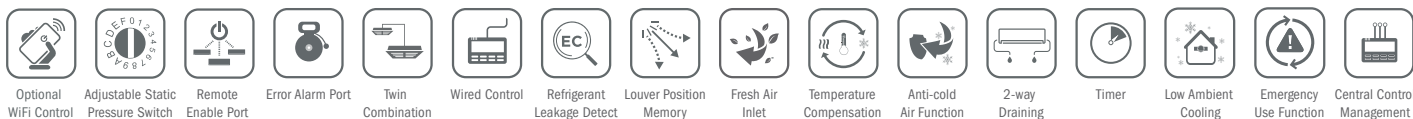
Indoor unit



Outdoor unit



Remote control



FLEXIBLE AIR INTAKE POSITION

Air inlet from back standard and from bottom optional.

BUILT IN DRAIN PUMP

The built in drain pump can lift the condensate water up to 750mm.

MULTI CHANNEL AIR DISTRIBUTION

The units are suitable for different room types, its multi channel air distribution gives you comfort in every corner.

LED CHASSIS MOUNTED DISPLAY

Built in display for easy trouble shooting and system information.

FRESH AIR INLET

Built in fresh air inlet to make a more comfortable environment

FLEXIBLE CONTROL AND EASY MAINTENANCE

The electrical control box can be removed away from the unit for easy maintenance access. Standard functional ports are included such as Remote On/Off, Dry Contact Switch and Alarm Signal Output.

DUCT SERIES



INDOOR		MTIU-12FNXD0	MTIU-18FNXD0	MTIU-24FNXD0
OUTDOOR		MOU-12FN8-QD0	MOU-18FN8-QD0	MOU-24FN8-QD0
Nominal Cooling Capacity (min-max)	kW	3.5 (0.62-4.40)	5.28(1.23-6.15)	7.03(2.20-8.21)
Nominal Heating Capacity (min-max)	kW	3.8(0.62-4.98)	5.57(1.76-7.03)	7.62(2.43-8.65)
UK Total Cooling Capacity	kW	4.17	5.77	7.78
Seasonal Efficiency SEER / Class	W/W	6.1/A++	6.5/A++	6.1/A++
Seasonal Efficiency SCOP / Class	W/W	4/A+	4/A+	4/A+
Power supply (Indoor)	V- Ph-Hz	Power from Outdoor	220~240-1-50	220~240-1-50
Power supply (Outdoor)	V- Ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50
Cooling Current (min-max)	A	4.7(1.0-7.7)	7.1(1.2-9.3)	9.5(2.1-12.4)
Heating Current (min-max)	A	4.5(2.3-8.2)	6.5(1.4-9.5)	8.9(2.2-12.5)
Max. input current	A	8.7	10.0	13.5
Recommended Fuse Size (Indoor)	A	Power from Outdoor	5*	5*
Recommended Fuse Size (Outdoor)	A	16	16	20
Interconnecting Wiring	No.	4 Core 1mm ²	2 Core 1mm ² Screened	2 Core 1mm ² Screened
Indoor air flow (Hi/Mi/Lo)	m3/h	600/480/300	1006/853/684	1248/1054/839
Indoor sound pressure level (Hi/Mi/Lo)	dB(A)	38/34/31	40/36/33	41/38/34
Indoor unit	Dimension (WxDxH)	700x450x200	880x674x210	1100x774x249
	Packing (WxDxH)	860x540x275	1070x725x270	1305x805x305
	Net/Gross weight	18/22	25.6/31.4	31.5/38.9
Drainage water pipe diameter	mm	ODΦ25	ODΦ25	ODΦ25
Outdoor air flow	m3/h	2000	2100	2700
Outdoor sound pressure level	dB(A)	51	51	55
Outdoor unit	Dimension (WxDxH)	800x333x554	800x333x554	845x363x702
	Packing (WxDxH)	920x390x615	920x390x615	965x395x765
	Net/Gross weight	34.5/37.3	35.6/38.5	66.8/72.6
Refrigerant	Type	R32	R32	R32
	GWP	675	675	675
	Charged quantity	1.05	1.35	1.5
	Additional Charge	g/m	12	24
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")
	Max. pipe length	m	25	30
	Max. difference in level	m	10	20
Operating temperature	Indoor (Cooling/Heating)	°C	17~32/0~30	17~32/0~31
	Outdoor (Cooling/Heating)	°C	-15~50/-15~24	-15~50/-15~25

INDOOR		MTI-36FNXD0	MTI-48FNXD0	MTI-55FNXD0
OUTDOOR		MOU-36FN8-(Q/R)D0	MOU-48FN8-RD0	MOU-55FN8-RD0
Nominal Cooling Capacity (min-max)	kW	10.55(2.64-12.01)	14 (4.26-16.41)	16 (5.86-18.11)
Nominal Heating Capacity (min-max)	kW	11.14(2.93-13.19)	16.1(3.7-18.13)	18.2(4.69-20.52)
UK Total Cooling Capacity	kW	11.38	15.54	16.89
Seasonal Efficiency SEER / Class	W/W	6.1/A++	6.1/A++	6.1/A++
Seasonal Efficiency SCOP / Class	W/W	4/A+	4/A+	4/A+
Power supply (Indoor)	V- Ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50
Power supply (Outdoor)	V- Ph-Hz	220~240-1-50 380~415-3-50	380~415-3-50	380~415-3-50
Cooling Current (min-max)	A	16.3(2.9-19.6)/ 7.2(1.2-8.2)	8.3(1.8-9.4)	8.93(2-11)
Heating Current (min-max)	A	12.9(2.8-19.8)/ 5.5(1.2-8.3)	6.8(1.65~10.22)	8.8(1.6-9.9)
Max. input current	A	21.5/10.0	11.2	14.0
Recommended Fuse Size (Indoor)	A	5*	5*	5*
Recommended Fuse Size (Outdoor)	A	32 16	16	16
Interconnecting Wiring	No.	2 Core 1mm ² Screened	2 Core 1mm ² Screened	2 Core 1mm ² Screened
Indoor air flow (Hi/Mi/Lo)	m3/h	1400/1150/750	2400/2040/1680	2600/2210/1820
Indoor sound pressure level (Hi/Mi/Lo)	dB(A)	43/40/36	45/42/40	45/42/40
Indoor unit	Dimension (WxDxH)	1360x774x249	1200x874x300	1200x874x300
	Packing (WxDxH)	1570x805x305	1405x915x355	1405x915x355
	Net/Gross weight	40.5/48.5	47.6/55.8	47.6/55.8
Drainage water pipe diameter	mm	ODΦ25	ODΦ25	ODΦ25
Outdoor air flow	m3/h	4000	7500	7500
Outdoor sound pressure level	dB(A)	56	59	56
Outdoor unit	Dimension (WxDxH)	946x410x810	952x415x1333	952x415x1333
	Packing (WxDxH)	1090x500x875	1095x495x1480	1095x495x1480
	Net/Gross weight	66.8/72.6 81.5/87.0	106.7/119.9	111.3/124.3
Refrigerant	Type	R32	R32	R32
	GWP	675	675	675
	Charged quantity	2.4	2.8	2.95
	Additional Charge	g/m	24	24
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")
	Max. pipe length	m	65	65
	Max. difference in level	m	30	30
Operating temperature	Indoor (Cooling/Heating)	°C	17~32/0~33	17~32/0~35
	Outdoor (Cooling/Heating)	°C	-15~50/-15~27	-15~50/-15~29

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.

*Option for power via Outdoor also available.