

گروه مشاوران

سانتیگراد

مرجع تخصصی سیستم‌های برودتی و حرارتی



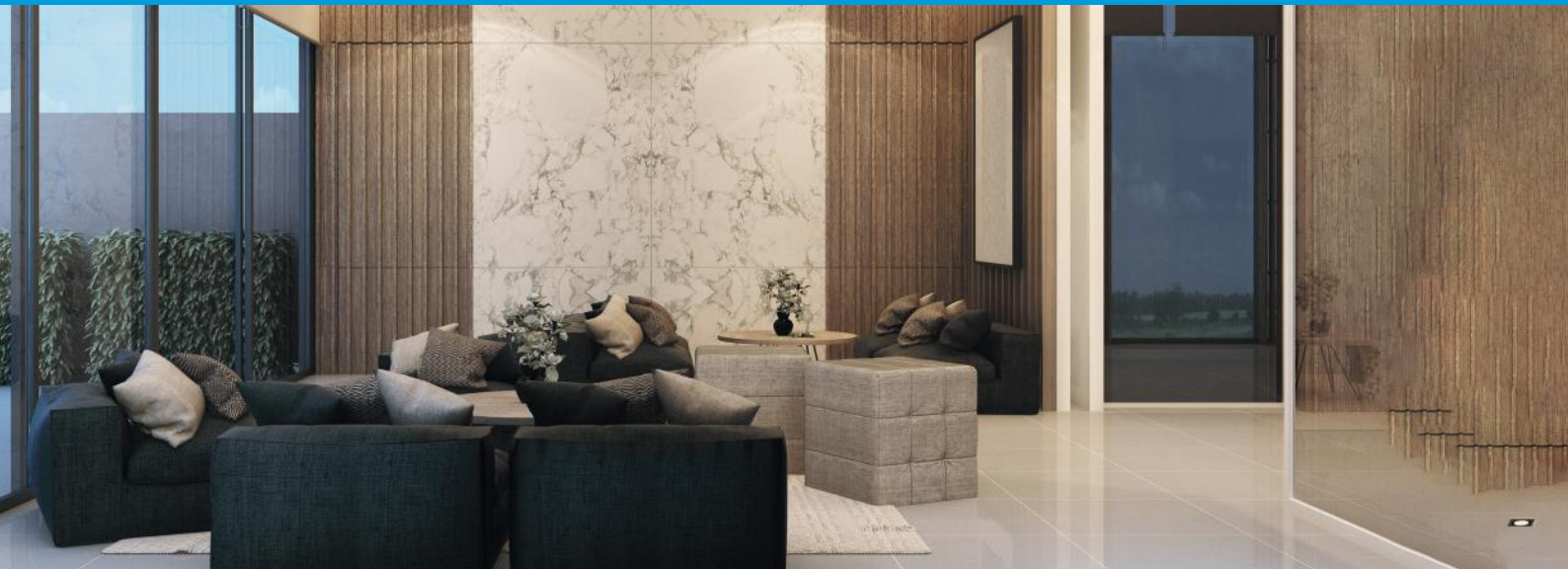
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A6 DUCT

With its compact design, the Midea A6 Ducted range can be easily mounted in a ceiling void in a commercial office or retail space and offers flexible control and easy maintenance.

FLEXIBLE AIR INTAKE POSITION

Air inlet direction is from rear as standard or can be changed to bottom.

BUILT-IN DRAIN PUMP

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

MULTI CHANNEL AIR FLOW DISTRIBUTION

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

VERTICAL MOUNTING

Option for vertical mounting of units is available upon request.

LED CHASSIS MOUNTED DISPLAY

Built-in display for easy trouble shooting and system information.

FRESH AIR INLET

Built-in fresh air inlet to create 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.

TWIN COMBINATIONS

Outdoor unit sizes 24, 36, 42, 48 & 55 can be installed with two indoor units for increased flexibility.

REMOTE SIGNAL

Built-in ports for on/off control and fault indication.



Indoor unit



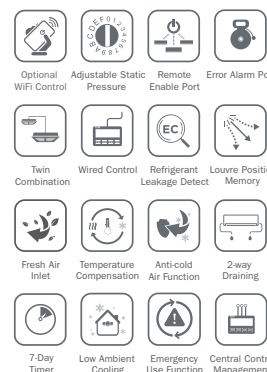
Outdoor unit



IR Controller
RG10-S (included)



Wired Multi Controller
KRJ-120X (included)



Voice Control



MSmartHome



A6 DUCT

INDOOR			MTIU-12HWFN8(GA)	MTIU-18HWFN8(GA)	MTI-24HWFN8(GA)	MTI-36HWFN8(GA)
OUTDOOR			MOX230-12HFN8-Q(GA)	MOX330U-18HFN8-Q(GA)	MOX430U-24HFN8-Q(GA)	MOD30U-36HFN8-Q(GA)
Nominal Cooling Capacity (min-max)	kW		3.52(0.53-3.99)	5.28(2.55-5.86)	7.03(3.28-8.16)	10.55(2.75-12.02)
Nominal Heating Capacity (min-max)	kW		3.81(1.00-4.39)	5.57(2.20-6.15)	7.62(2.81-8.49)	11.72(2.78-12.78)
UK Total Cooling Capacity	kW		3.79	5.56	7.78	11.38
Seasonal Efficiency SEER / Class	W/W		6.5/A++	6.5/A++	6.2/A++	6.2/A++
Seasonal Efficiency SCOP / Class	W/W		4/A+	4/A+	4/A+	4/A+
Power supply (indoor power via outdoor)	V- Ph-Hz		220-240-1-50	220-240-1-50	220-240-1-50	220-240-1-50
Cooling Current (min-max)	A		4.75(1.3-6.09)	7.1(3.2-9.56)	10.2(4.2-13.2)	17.5(4.2-18.5)
Heating Current (min-max)	A		4.52(1.48-6.15)	6.8(3.3-7.7)	9.2(3.8-11.6)	14.5(3.5-17.5)
Max. input current	A		9	13.5	19	22.5
Recommended Fuse Size (Outdoor)	A		16	16	20	32
Interconnecting/Indoor Power Wiring	No.		4 Core 1mm ²	4 Core 1mm ²	4 Core 1mm ²	4 Core 1mm ²
External Static Pressure	Pa		0-60	0-100	0-160	0-160
Indoor Air Flow (High to Low)	m ³ /h		600/480/300	911/706.3/515.2	1229/1035/825	2100/1800/1500
Indoor Sound Pressure Level (High to Low)	dB(A)		34.5/30.5/29/23	41/38/34/26	42/40/37/27	49.5/48/46/42
Indoor unit	Dimensions (WxDxH)	mm	700x506x200	880x674x210	1100x774x249	1360x774x249
	Packing (WxDxH)	mm	860x540x285	1070x725x280	1305x805x315	1570x805x330
	Net/Gross Weight	Kg	17.8/21.5	24.4/29.6	32.3/39.1	40.5/48.2
Drainage water pipe diameter	mm		ODØ25	ODØ25	ODØ25	ODØ25
Outdoor air flow	m ³ /h		2200	2100	3500	4000
Outdoor Sound Pressure Level	dB(A)		51	53	57	60
Outdoor unit	Dimensions (WxDxH)	mm	765x303x555	805x330x554	890x342x673	946x410x810
	Packing (WxDxH)	mm	887x337x610	915x370x615	995x398x740	1090x500x885
	Net/Gross Weight	Kg	26.6/29	32.5/35.2	43.9/46.9	66.9/71.5
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Charged quantity	Kg	0.72	1.15	1.5	2.4
	Additional Charge	g/m	12	12	24	24
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
	Max. pipe length	m	25	30	50	75
	Max. difference in level	m	10	20	25	30
Operating temperature	Indoor (Cooling/Heating)	°C	16-32/0-30	16-32/0-30	16-32/0-30	16-32/0-30
	Outdoor (Cooling/Heating)	°C	-15-50/-15-24	-15-50/-15-25	-15-50/-15-24	-15-50/-15-24

A6 DUCT

INDOOR			MTI-42HWFNX(GA)	MTI-36HWFNX(GA)	MTI-48HWFNX(GA)	MTI-55HWFNX(GA)
OUTDOOR			MOD30U-42HFN8-Q(GA)	MOD30U-36HFN8-R(GA)	MOE30U-48HFN8-R(GA)	MOE30U-55HFN8-R(GA)
Nominal Cooling Capacity (min-max)	kW		12.02(2.93-13.7)	10.55(2.75-12.02)	14.07 (3.52-16.41)	15.24 (4.1-18.11)
Nominal Heating Capacity (min-max)	kW		13.48(3.37-14.07)	11.72(2.78-12.78)	16.12(4.10-18.17)	18.17(4.40-20.52)
UK Total Cooling Capacity	kW		12.13	11.38	15.54	16.89
Seasonal Efficiency SEER / Class	W/W		6.1/A++	6.1/A++	6.1/A++	6.1/A++
Seasonal Efficiency SCOP / Class	W/W		4/A+	4/A+	3.8/A+	4/A+
Power supply (indoor power via 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		18.8(3.1-19.8)	6.5(1.4-6.7)	8.4(1.9-10.4)	9.6(3.1-11.5)
Heating Current (min-max)	A		15.5(3.4-18.3)	5.3(1.3-6.4)	8.0(2.0-9.8)	9.5(2-11.5)
Max. input current	A		23	10	13	14
Recommended Fuse Size (Outdoor)	A		32	16	16	16
Interconnecting/Indoor Power Wiring	No.		4 Core 1mm ²	4 Core 1mm ²	4 Core 1mm ²	4 Core 1mm ²
External Static Pressure	Pa		0-160	0-160	0-160	0-160
Indoor Air Flow (High to Low)	m ³ /h		2400/2040/1680	2100/1800/1500	2400/2040/1680	2600/2210/1820
Indoor Sound Pressure Level (High to Low)	dB(A)		51.5/49/48/43	49.5/48/46/42.5	50/49/47/42	52.5/49/47
Indoor unit	Dimensions (WxDxH)	mm	1200x874x300	1360x774x249	1200x874x300	1200x874x300
	Packing (WxDxH)	mm	1405x915x365	1570x805x330	1405x915x365	1405x915x365
	Net/Gross Weight	Kg	47.6/55.8	40.5/48.2	47.6/55.8	47.4/56.1
Drainage water pipe diameter	mm		ODØ25	ODØ25	ODØ25	ODØ25
Outdoor air flow	m ³ /h		4000	4000	7500	7500
Outdoor Sound Pressure Level	dB(A)		60	60	61	61
Outdoor unit	Dimensions (WxDxH)	mm	946x410x810	946x410x810	952x415x1333	952x415x1333
	Packing (WxDxH)	mm	1090x500x885	1090x500x885	1095x495x1480	1095x495x1480
	Net/Gross Weight	Kg	71.0/75.0	80.5/85	103.7/118.3	107.0/121.2
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Charged quantity	Kg	2.8	2.4	2.9	3.0
	Additional Charge	g/m	24	24	24	24
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
	Max. pipe length	m	75	75	75	75
	Max. difference in level	m	30	30	30	30
Operating temperature	Indoor (Cooling/Heating)	°C	16-32/0-30	16-32/0-30	16-32/0-30	16-32/0-30
	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
 5 Meter Remote Sensor Extension Available.

Remote Sensor Extension Available.
 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.