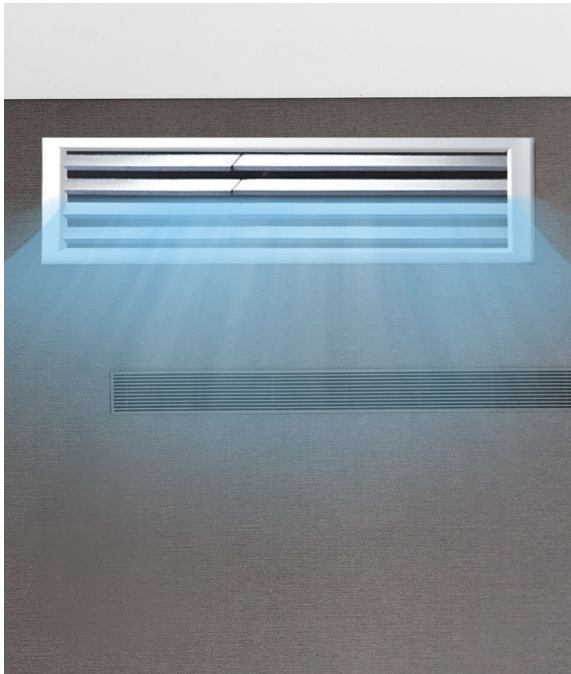


## A6 DUCT



### 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.

### 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.

### REMOTE SIGNAL

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



Optional  
WiFi Control



Adjustable Static  
Pressure Switch



Remote  
Enable Port



Error Alarm Port



Wired Control



Refrigerant  
Leakage Detect



Fresh Air  
Inlet



Anti-cold  
Air Function



2-way  
Draining



7-Day  
Timer



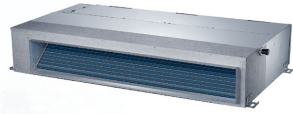
Low Ambient  
Cooling



Emergency  
Use Function



Central Control  
Management



Indoor unit



Outdoor unit



Wired Control



Midea Air App



# A6 DUCT

Indoor Model			MTIU-12HWFNX-QRDOW(GA)	MTIU-18HWFNX-QRDOW(GA)	MTI-24HWFNX-QRDOW(GA)	MTI-30HWFNX-QRDOW(GA)	MTI-36HWFNX-QRDOW(GA)
Outdoor Model			MOX230U-12HFNB-QRDOW(GA)	MOX330U-18HFNB-QRDOW(GA)	MOX430U-24HFNB-QRDOW(GA)	MOD30U-30HFNB-QRDOW(GA)	MOD30U-36HFNB-QRDOW(GA)
Cooling	Capacity	Btu/h	12000 (1800-13607)	18000 (8700-20000)	24000 (11180-27830)	30000 (7600-33600)	36000 (9400-38000)
	Capacity	kW	3.52(0.53-3.99)	5.28(2.55-5.86)	7.03(3.28-8.16)	8.79 (2.23-9.85)	10.55(2.75-11.14)
	SEER	W/W	6.5	6.5	6.2	6.5	6.2
	Energy Efficiency Class		A++	A++	A++	A++	A++
	Input	W	1053 (155-1373)	1530 (710-2150)	2190( 750-2960)	2500 (190-3050)	3950 (900-4150)
	Current	A	4.75 (1.3-6.09)	7.1 (3.2-9.56)	10.2 (4.2-13.2)	11.0 (2.0-13.5)	17.5 (4.2-18.5)
Heating	Capacity	Btu/h	13000 (3400-14975)	19000 (7500-21000)	26000 (9580-28954)	32000 (9200-34200)	40000 (9500-43600)
	Capacity	kW	3.81(1.00-4.39)	5.57(2.20-6.15)	7.62(2.81-8.49)	9.38 (2.70-10.02)	11.72(2.78-12.78)
	SCOP	W/W	4.0	4.0	4.0	4.0	4.0
	Energy Efficiency Class		A+	A+	A+	A+	A+
	Input	W	1038 (302-1390)	1510 (740-1760)	1900 (640-2580)	2250 (430-2450)	3250 (800-3950)
	Current	A	4.52 (1.48-6.15)	6.8(3.3-7.7)	9.2 (3.8-11.6)	10.0 (3.0-10.7)	14.5 (3.5-17.5)
Power supply (Indoor )	V,Hz,Ph		220-240V,1Ph 50Hz	220-240V,1Ph 50Hz	220-240V,1Ph 50Hz	220-240V,1Ph 50Hz	220-240V,1Ph 50Hz
Power supply (Outdoor )	V,Hz,Ph		220-240V,1Ph 50Hz	220-240V,1Ph 50Hz	220-240V,1Ph 50Hz	220-240V,1Ph 50Hz	220-240V,1Ph 50Hz
Max. input consumption	W		1850	2950	3700	4500	5000
Max. current	A		9	13.5	19	20	22.5
Indoor air flow (Hi/Mi/Lo)	m³/h		600/480/300	911/706.3/515.2	1229/1035/825.1	2100/1800/1500	2100/1800/1500
Outdoor air flow	m³/h		2200	2100	3500	3800	4000
ESP	Rated	Pa	25	25	25	37	37
	Range	Pa	0-60	0-100	0-160	0-160	0-160
Indoor sound pressure level (Hi)	dB(A)		34.5/30.5/29/23	41/38/34/26	42/40/37/27	50/46.5/45/40.5	49.5/48/46/42
Indoor sound power level (Hi)	dB(A)		58	58	62	64	61
Outdoor sound pressure level	dB(A)		53,6	56	60	62	63
Outdoor sound power level (Hi)	dB(A)		62	65	69	70	70
Indoor unit	Dimension (WxDxH)	mm	700x450x200	880x674x210	1100x774x249	1360x774x249	1360x774x249
	Packing (WxDxH)	mm	860x540x285	1070x725x280	1305x805x315	1570x805x330	1570x805x330
	Net/Gross weight	kg	17.8/21.5	24.4/29.6	32.3/39.1	40.5/48.3	40.5/48.2
Outdoor unit	Dimension (WxDxH)	mm	765x303x555	805x330x554	890x342x673	946x410x810	946x410x810
	Packing (WxDxH)	mm	887x337x610	915x370x615	995x398x740	1090x500x885	1090x500x885
	Net/Gross weight	kg	26.6/29	32.5/35.2	43.9/46.9	52.8/57.3	66.9/71.5
Refrigerant	Type		R32	R32	R32	R32	R32
	Charged quantity	kg	0.72	1.15	1.5	2	2.4
Refrigerant piping	Liquid side/ Gas side	mm	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	25	30	50	50	75
	Max. difference in level	m	10	20	25	25	30
Drainage water pipe diameter	mm		ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25	ODΦ25mm
Operation temperature	°C		16-30	16-30	16-30	16-30	16-30
Room temperature	Cooling	°C	16-32	16-32	16-32	16-32	16-32
	Heating	°C	0-30	0-30	0-30	0-30	0-30
Ambient temperature	Cooling	°C	-15-50	-15-50	-15-50	-15-50	-15-50
	Heating	°C	-15-24	-15-24	-15-24	-15-24	-15-24
Controller		Standard	Wired Control	Wired Control	Wired Control	Wired Control	Wired Control

# A6 DUCT

Indoor Model			MTI-42HWFNX-QRDOW(GA)	MTI-36HWFNX-QRDOW(GA)	MTI-48HWFNX-QRDOW(GA)	MTI-55HWFNX-QRDOW(GA)
Outdoor Model			MOD30U-42HFN8-QRDOW(GA)	MOD30U-36HFN8-RRDOW(GA)	MOE30U-48HFN8-RRDOW(GA)	MOE30U-55HFN8-RRDOW(GA)
Cooling	Capacity	Btu/h	41000(10000-42000)	36000 (9300-40200)	48000 (12000-53000)	52000 (14000-59000)
	Capacity	kW	12.02(2.93-12.31)	10.55 (2.73-11.78)	14.07(3.52-15.53)	15.24 (4.10-17.29)
	SEER	W/W	6.1	6.1	6.1	6.1
	Energy Efficiency Class		A++	A++	A++	A++
	Input	W	4200(680-4500)	4000(890-4200)	4800(880-6000)	5250 (1030-6650)
	Current	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	Capacity	Btu/h	46000(11500-48000)	40000 (9500-43800)	55000(14000-62000)	62000(15000-70000)
	Capacity	kW	13.48(3.37-14.07)	11.72 (2.78-12.84)	16.12(4.10-18.17)	18.17 (4.40-20.52)
	SCOP	W/W	4.0	4.0	3.8	4.0
	Energy Efficiency Class		A+	A+	A	A+
	Input	W	3450(750-4100)	3250(780-4000)	4500(950-5700)	5150(950-6600)
	Current	A	15.5(3.4-18.3)	5.3(1.3-6.4)	8.0(2.0-9.8)	9.5(2-11.5)
Power supply (Indoor )		V,Hz,Ph	220-240V,1Ph 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph 50Hz	220-240V,1Ph, 50Hz
Power supply (Outdoor )		V,Hz,Ph	220-240V,1Ph 50Hz	380-415V,3Ph, 50Hz	380-415V,3Ph 50Hz	380-415V,3Ph, 50Hz
Max. input consumption		W	5000	5000	6900	7500
Max. current		A	22.5	10	13	14
Indoor air flow (Hi/Mi/Lo)		m <sup>3</sup> /h	2400/2040/1680	2100/1800/1500	2400/2040/1680	2600/2210/1820
Outdoor air flow		m <sup>3</sup> /h	4000	4000	7500	7500
ESP	Rated	Pa	50	37	50	50
	Range	Pa	0-160	0-160	0-160	0-160
Indoor sound pressure level (Hi)		dB(A)	51.5/49/48/43	49.5/48/46/42.5	50/49/47/42	52.5/49/47
Indoor sound power level (Hi)		dB(A)	67	61	66	66
Outdoor sound pressure level		dB(A)	63	63	63.5	64
Outdoor sound power level (Hi)		dB(A)	72	70	74	75
Indoor unit	Dimension (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
Outdoor unit	Dimension (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
	Charged quantity	kg	2.8	2.4	2.9	3.0
Refrigerant piping	Liquid side/ Gas side	mm	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	75	75	75	75
	Max. difference in level	m	30	30	30	30
Drainage water pipe diameter		mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
Operation temperature		°C	16-30	16-30	16-30	16-30
Room temperature	Cooling	°C	16-32	16-32	16-32	16-32
	Heating	°C	0-30	0-30	0-30	0-30
Ambient temperature	Cooling	°C	-15-50	-15-50	-15-50	-15-50
	Heating	°C	-15-24	-15-24	-15-24	-15-24
Controller		Standard	Wired Control	Wired Control	Wired Control	Wired Control

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.

SEE QUICK REFERENCE GUIDE FOR REFRIGERANT CONTRIBUTIONS