

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)		m³/h	2400/2040/1680	2100/1800/1500	2400/2040/1680	2600/2210/1820
Outdoor air flow		m³/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