

SPECIFICATIONS

MULTI SPLIT INDOOR

Ceiling Concealed



Indoor model			MTIU-07HWFNX	MTIU-09HWFNX	MTIU-12HWFNX	MTIU-18HWFNX
Power source	V/ph/Hz		220-240-/1/50	220-240-/1/50	220-240-/1/50	220-240-/1/50
Cooling capacity	Btu/h		7,000 (3,550-8,950)	9,000 (4,250-11,350)	12,000 (5,800-14,550)	18,000 (12,700-20,800)
Power consumption-Rated	W		170	180	185	200
Running current - Rated	A		1.0	1.1	1.1	1.3
Indoor air flow (High)	m ³ /h (cfm)		500 (294)	500 (294)	600 (353)	880 (518)
ESP	Rated	Pa	25	25	25	25
	Range	Pa	0-40	0-40	0-60	0-100
Indoor sound pressure level (Hi/Mi/Lo)	dB(A)		40/34.5/27.5	40/34.5/27.5	40/34.5/27.5	41.5/38/33
Indoor unit	Dimension (WxDxH)	mm	700x450x200	700x450x200	700x450x200	880x674x210
	Packing (WxDxH)	mm	860x540x275	860x540x275	860x540x275	1070x725x280
	Net/Gross weight	kg	18/22	18/22	18/22	24.3/29.6
Design pressure	MPa		4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7
Drainage water pipe dia.	mm		ØDØ25	ØDØ25	ØDØ25	ØDØ25
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/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")
Controller	Wired Control					

Remarks: 1.The above design and specifications are subject to change without prior notice for product improvement.
2.The values given in the table for the noise level reflect the levels in hemi-anechoic rooms.

SPECIFICATIONS

MULTI SPLIT OUTDOOR



Outdoor model			M20H-14HFN8-Q	M20E-18HFN8-Q	M30G-21HFN8-Q	M30A-27HFN8-Q	M40E-28HFN8-Q	M40B-36HFN8-Q	M50E-42HFN8-Q
Power supply	V/ph/Hz		220-240-/1/50	220-240-/1/50	220-240-/1/50	220-240-/1/50	220-240-/1/50	220-240-/1/50	220-240-/1/50
Cooling capacity	Btu/h		14,000 (5,000-17,000)	18,000 (7,800-19,500)	21,000 (6,800-22,500)	27,000 (10,850-28,000)	28,000 (7,000-33,600)	36,000 (7,000-43,200)	42,000 (7,000-48,300)
Power consumption - Rated (Min.-Max.)	W		1,270 (115-1,672)	1,635 (690-2,000)	1,905 (180-2,200)	2,450 (290-3,100)	2,540 (890-3,180)	3,500 (1,290-4,240)	3,810 (280-4,650)
Running current - Rated (Min.-Max.)	A		5.8 (1.12-7.35)	7.3 (3.2-9.0)	8.3 (1.8-10)	11.2 (2.0-13.5)	11.3 (3.9-14.1)	16.8 (5.9-18.9)	16 (1.4-20.7)
Max. power consumption	W		2,750	3,050	3,910	4,100	4,150	4,600	4,700
Max. running current	A		12	12	17	18	19	21.5	22
Outdoor air flow	m ³ /h (cfm)		2100 (1235)	2100 (1235)	3000 (1765)	3000 (1765)	3800 (2235)	4000 (2352)	3850 (2265)
Outdoor sound pressure level	dB(A)		56	54	58	58	61.5	63	64
Throttle type			EEV	EXV+Capillary	EXV+Capillary	EXV+Capillary	EXV+Capillary	EXV+Capillary	EXV+Capillary
Outdoor unit	Dimension (WxDxH)	mm	805x330x554	805x330x554	890x342x673	890x342x673	946x410x810	946x410x810	946x410x810
	Packing (WxDxH)	mm	915x370x615	915x370x615	1030x438x750	1030x438x750	1090x500x875	1090x500x875	1090x500x875
	Net/Gross weight	kg	31.6/34.7	35/38	43.3/47.1	48/51.8	62.1/67.7	68.8/75.6	74.1/79.5
Refrigerant	Type		R32	R32	R32	R32	R32	R32	R32
	Charged quantity	kg	1.1	1.25	1.5	1.85	2.1	2.1	2.9
Design pressure	MPa		4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm (inch)	2x6.35mm(2x1/4")/ 2x9.52mm(2x3/8")	2x6.35mm(2x1/4")/ 2x9.52mm(2x3/8")	3x6.35mm(3x1/4")/ 3x9.52mm(3x3/8")	3x6.35mm(3x1/4")/ 3x9.52mm(3x3/8")	4 x 6.35mm/3x 9.52mm +1x12.7mm (4x1/4"/3x3/8"+1x1/2")	4 x 6.35mm/3x9.52mm +1x12.7mm (4x1/4"/3x3/8"+1x1/2")	5 x 6.35mm/4x 9.52mm + 1x12.7mm (5x1/4"/4x3/8"+1x1/2")
	Max. length for all rooms	m	40	40	60	60	80	80	80
	Max. length for one indoor unit	m	25	25	30	30	35	35	35
	Max. height difference between indoor and outdoor unit	m	15	15	15	15	15	15	15
	Max. height difference between indoor units	m	10	10	10	10	10	10	10

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