

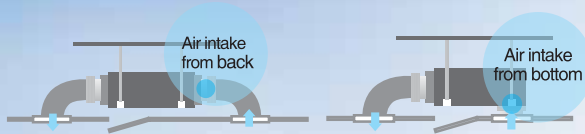
Duct



Remotes

Flexible Air Intake Ways

Air inlet from back standard and from bottom optional. The size of the plate from bottom and flange from back is the same, it's easy for installer to change the air inlet from back to bottom.



Fresh Air

Fresh air hole as standard, it's easy to connect with air.



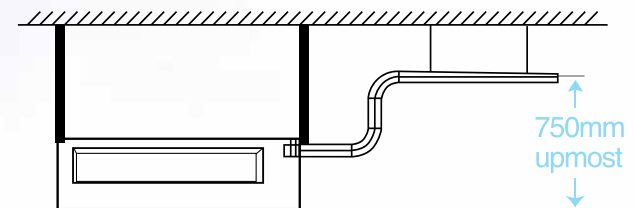
Optional Accessories

Optional accessories are available to meet the different needs of customers and enhance the performance.



Built-in Drain Pump

The drain pump can lift the condensing water up to 29.52 upmost.



Standard Features

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R-410A

Optional Features



Central controller

Free match universal indoor Free match single zone indoor

Indoor / Outdoor		Indoor	MTBU-12HRDNI-M	MTBU-18HRDNI-M	MTB-24HRFNI-MW	MTB-36HWFNI-M	MTB-48HWFNI-M
BOM Code		Outdoor	MOC-12HFNI-MV0W	MOF-18HFNI-MU0W	MOG-24HFNI-MT0W	MOU-36HFNI-M	MOU-48HFNI-M
		Indoor	220070100250	220070201620	220070302120	220070502610	220070702490
		Outdoor	220037505540	220037804380	220038003780	220075502580	220075702490
MAC Model		Indoor	MEH-12FID2	MEH-18FID2	MEH-24FVD2	MEH-36FVD2	MEH-48FVD2
		Outdoor	MCHU-12AVH2	MCHU-18AVH2	MCHU-24AVH2	MCHU-36FVH2	MCHU-48FVH2
Performance							
Nominal Cooling	BTU/H		12000(4770-13100)	18000(7230-21700)	26000(10400-31200)	36000(14000-42100)	48000(12000-54000)
Nominal Heating	BTU/H		12000(5150-15400)	18000(8180-24530)	25400(11430-34540)	36000(14000-42100)	49000(15000-57000)
SEER			15	15	16	15	15
HSPF			8.5	9	9.2	9	10
EER			9.5	9.5	10.5	8	8.4
Cooling Operating Range	F ° Degrees		5-122	5-122	5-122	5-122	5-122
Heating Operating Range	F ° Degrees		5-86	5-86	5-86	5-86	5-86
Electrical							
Voltage / Phase / Frequency			208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Recommended In / Out Cable			14 AWG/4 (Stranded) conductor	14 AWG/4 (Stranded) conductor	14 AWG/4 (Stranded) conductor	14 AWG/4 (Stranded) conductor	14 AWG/4 (Stranded) conductor
Minimum Circuit Ampacity	Amps		9	13	15	30	35
Recommended Fuse Size	Amps		15	20	25	50	55
Specification							
Air Circulation Hi / Med / Low	CFM		371/324/271	471/377/312	812/647/589	1177/942/677	1471/1177/942
Static Pressure In.	W.C.		0-0.36	0-0.36	0-0.36	0-0.36	0-0.48
Indoor Noise Level: Hi/Med/Low	DBa		40/36/33	41/35/33	50/47/43	51/48/44	49/46/43
Outdoor Noise Level Cooling	DBa		54	60	60	66	64
Outdoor Noise Level Heating	DBa		54	60	60	66	64
Air Direction Horizontal	Deg Angle		Automatic	Automatic	Automatic	Automatic	Automatic
Air Filter	Type		Washable	Washable	Washable	Washable	Washable
Connection			Flare	Flare	Flare	Flare	Flare
Combined Maximum Length	Feet		82	98	164	213	213
Maximum Vertical Differential	Feet		26.2	26.2	26.2	26.2	26.2
Connection Pipe Size Suction	Inches		1/2	1/2	5/8	5/8	5/8
Connection Pipe Size Discharge	Inches		1/4	1/4	3/8	3/8	3/8
Physical							
Net Weight (Indoor / Outdoor)	LBS		40 / 74	51 / 103	51 / 130	77 / 161	99 / 220
Height Condensing Unit	Inches		23 1/4	27 9/16	33 7/8	38	53 7/8
Depth Condensing Unit	Inches		11 1/4	12 5/8	12 3/8	13 5/8	15 7/16
Width Condensing Unit	Inches		29 15/16	33 1/4	35 7/16	39	36 15/16
Height Evaporator	Inches		8 1/4	8 1/4	10 5/8	10 5/8	11 13/16
Depth Evaporator	Inches		25	25	25	25	34 1/16
Width Evaporator	Inches		27 9/16	36 1/4	36 1/4	44 7/8	47 1/4
Refrigerant	Oz		R410A/44.09	R410A/67	R410A/85.7	R410A/97	R410A/152
Refrigerant piping - Liquid side/ Gas side	mm(inch)		6.35/12.7(1/4"/1/2")	6.35/12.7(1/4"/1/2")	9.52/15.9(3/8"/5/8")	9.52/15.9(3/8"/5/8")	9.52/15.9(3/8"/5/8")