

CEILING & FLOOR AIR CONDITIONING SYSTEM



Models

MUE-24HRFN10-M1P / MOD30-24HFN10-M1P

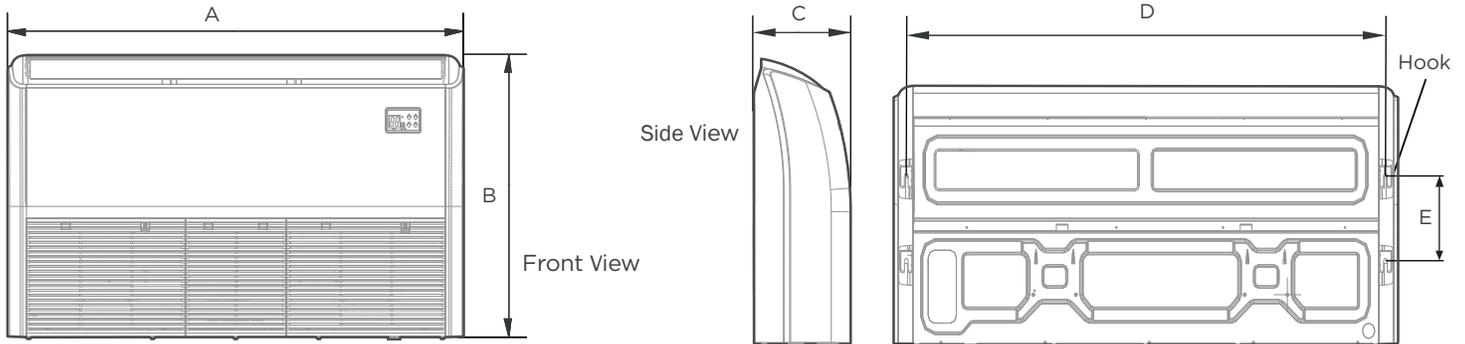
MUE-36HRFN10-M2P / MOD30-36HFN10-M2P

MUE-48HRFN10-M2P / MOE30-48HFN10-M2P

MUE-60HRFN10-M2P / MOE30-60HFN10-M2P

Features

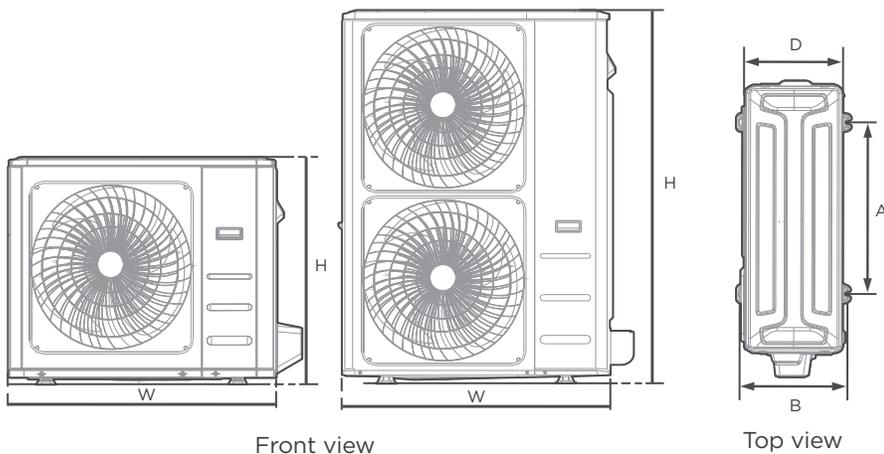
- Enhanced coverage area compared to traditional split systems
- Excellent air flow delivery with 3-D Air Flow technology
- Auto horizontal & vertical swing torsion angle function
- Flexible horizontal or vertical installation



Capacity	Pipe Diameter	
	Liquid Side	Gas Side
24K	3/8in	5/8in
36K	3/8in	3/4in
48K	3/8in	3/4in
60K	3/8in	3/4in

Capacity (BTU/h)	Length A (inch)	Length B (inch)	Length C (inch)	Length D (inch)	Length E (inch)
24K	42	26.6	9.3	38.7	8.7
36K-60K	65	26.6	9.3	1.6	8.7

Outdoor Unit Dimensions W x H x D	Mounting Dimensions	
	A	B
35.0" x 26.5" x 13.5"	26.1"	13.9"
37.2" x 31.9" x 16.14"	26.5"	15.87"
37.5" x 52.5" x 16.34"	24.96"	15.9"
38.58" x 38.39" x 16.34"	24.25"	15.63"



Capacity	*Piping Length	Maximum Drop Height
18K	98.4ft/30m	65.6ft/20m
24K	164ft/50m	82ft/25m
36/48K/60K	246ft/75m	98.4ft/30m

Note: Max. system pipe length is 25ft., based on factory refrigerant at the condensing unit.

* After 25ft. of piping length, please add 0.32 oz. of refrigerant per additional foot of 3/8" pipe used.



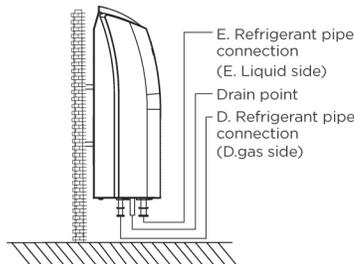
TECHNICAL SPECIFICATIONS

Indoor Unit			MUE-24HRFN10-M1	MUE-36HRFN10-M2	MUE-48HRFN10-M2	MUE-60HRFN10-M2
	Cooling	BTU	22000	36000	48000	54000
	Heating	BTU	26000	36000	50000	60000
Power Supply	Voltage/Ph/Hz	V-Ph-Hz	208~230v/1Ph/60Hz	208~230v/1Ph/60Hz	208~230v/1Ph/60Hz	208~230v/1Ph/60Hz
	Min. Circuit Ampacity	A	2.5	-	-	3
	Max. Fuse	A	15.0	-	-	15
Efficiency	Rating	SEER2	21.1	20.0	19.8	19.5
		EER2	12.2	10.1	9.5	9.5
Fan Motor	Input	W	96	96	96	90
	RLA (Certification)	A	1	-	-	1
Unit Dimensions	Speed (Hi/Mi/Lo)	r/min	1200 / 1075 / 825	1110 / 1020 / 930	1200 / 1120 / 940	1290 / 1180 / 960
	Body Width (W)	inch	42.05	64.96	64.96	64.96
	Body Depth (D)	inch	26.57	26.57	26.57	26.57
	Body Height (H)	inch	9.25	9.25	9.25	9.25
	Packing Width (W)	inch	45.08	67.91	67.91	67.91
Packing (W/D/H)	Packing Depth (D)	inch	29.72	29.72	29.72	29.72
	Packing Height (H)	inch	12.52	12.52	12.52	12.52
	Net Weight	lb	61.29	87.74	89.07	95.24
Net / Gross Weight	Gross Weight	lb	73.19	102.29	105.16	111.33
	Indoor Side Air Flow (SH)	CFM (ft3/min)	735.29	-	-	-
Indoor Side Air Flow (SH/Hi/Mi/Lo/Si)	Indoor Side Air Flow (Hi)	CFM (ft3/min)	705.88	-	-	-
	Indoor Side Air Flow (Mi)	CFM (ft3/min)	605.88	-	-	-
	Indoor Side Air Flow (Lo)	CFM (ft3/min)	452.94	-	-	-
	Indoor Side Air Flow (Si)	CFM (ft3/min)	376.47	-	-	-
	Outdoor Unit		MOD30-24HFN10-M1	MOD30-36HFN10-M2	MOE30-48HFN10-M2	MOE30-60HFN10-M2
Power Supply	Voltage/Ph/Hz	V-Ph-Hz	208~230v/1Ph / 60Hz	208~230v/1Ph/60Hz	208~230v/1Ph / 60Hz	208~230v/1Ph/60Hz
	Max. Input Consumption	W	3910	6000	7400	7500
	Max. Current	A	17	26	32	32
	Min. Circuit Ampacity	A	24	33	39	42
Compressor	Max. Fuse	A	25	35	40	45
	Design	Type	ROTARY	ROTARY	ROTARY	ROTARY
	Capacity	W	4780/7600	10010	13700	13700
	Input	W	805/2045	2765	3700	3700
	Rated Current	A	4.15/9.30	5.38	7.02	7.02
Outdoor Fan Motor	Rated Current (Certification)	A	15.4	21.5	24	25
	Thermal Protector	Location	-	INT01L-4639	INT01L-4639	INT01L-4639
	Thermal Protector Position	Location	NA	EXTERNAL	EXTERNAL	EXTERNAL
	Refrigerant Oil / Oil Charge	ml	VG74 620	VG74/1000	VG74/1400	VG74/1400
Outdoor Fan Motor	Input	W	-	-	126	126
	RLA (Certification)	A	1.0	1.35	1.2	2.2
	Speed (High/Mi/Low)	r/min	810/450	950/800/500	850/750/650	850/750/650
Condenser	Insulation	Class.	B	B	B	E
	Waterproofing	Class.	IP44	IP44	-	-
Condenser 2	Coil Length / Height / Width	Inch	39.6x29.8x1.05	995x762x44	975x630x44	985x1260x40.11
	Coil Length / Height / Width	Inch	-	-	975x630x44	985x1260x40.11
Dimensions (W/D/H)	Outdoor Side Air Flow (Hi)	CFM (ft3/min)	2235.29	2411.76	4176.47	4470.59
	Body Width (W)	inch	37.24	37.24	37.48	37.48
	Body Depth (D)	inch	16.14	16.14	16.34	16.34
	Body Height (H)	inch	31.89	31.89	52.48	52.48
	Packing Width (W)	inch	42.91	42.91	43.11	43.11
Packing (W/D/H)	Packing Depth (D)	inch	19.69	19.69	19.49	19.49
	Packing Height (H)	inch	34.84	34.84	57.48	58.27
	Net Weight	kg	55.4	69.1	94.7	95
Net/Gross Weight	Net Weight	lb	122.13	152.34	208.78	209.44
	Gross Weight	lb	132.28	162.48	237.44	240.08
	Refrigerant	Type	R454B	R454B	R454B	R454B
Refrigerant	Refrigerant Charge	-	2	2.6	3.6	4.1
	Refrigerant Charge Unit	kg	kg	kg	kg	
	Additional Refrigerant p/Ft	oz/ft	0.32	0.32	0.32	0.32
	Expansion Valve / Throttle	Type	Electronic Valve	Electronic Valve	Electronic Valve	Electronic Valve

Additional Features

- 3D Airflow
- 24-Hour Timer
- Automatic Restart
- Two-Way Draining
- Louver Memory
- LCD Display
- Refrigerant Leak Detection
- Easy Maintenance & Service

Wall-Mounted Installation



Ceiling Installation

