

Multi-Zone

High SEER
UP TO 16

One outdoor unit can power up to four different types of indoor units simultaneously. Each room (zone) operates independently. People in different rooms – the kitchen, master bedroom or living room – can enjoy temperature settings that make each of them most comfortable.



Multi-Zone Outdoor Units

Outdoor	Units	2-Zone	3-Zone	4-Zone
		M20C-18HRDN1-M (MSV11-09HRDN1-M) *2	M30C-27HRDN1-M (MSV11-09HRDN1-M) *3	M40C-36HRFN1-M (MSV11-09HRDN1-M) *4
Performance				
Nominal Cooling	BTUH	18000	25000	35300
Nominal Heating	BTUH	19000	25200	38000
HSPF	BTU / KW	8	8.8	8.9
SEER	BTU / KW	15.5	15.5	16
EER	BTU / KW	10	10	10
Cooling Operating Range	F° Degrees	5-122	5-122	5-122
Heating Operating Range	F° Degrees	5-93	5-93	5-93
Electrical				
Voltage / Phase / Frequency		208/230 / 1 / 60	208/230 / 1 / 60	208/230 / 1 / 60
Recommended In / Out Cable		14 AWG / 4 conductor	14 AWG / 4 conductor	14 AWG / 4 conductor
Minimum Circuit Ampacity	Amps	10.5	16	15.4
Recommended Fuse Size	Amps	15	25	30
Current Rating Cooling	Amps	7.50	11	15
Current Rating Heating	Amps	7.6	11	15
Specification				
Outdoor Noise Level Cooling	DBa	55	58	58
Outdoor Noise Level Heating	DBa	56	59	59
Air Direction Horizontal		Automatic	Automatic	Automatic
Air Direction Vertical		Automatic	Automatic	Automatic
Air Filter		Washable	Washable	Washable
Connection		Flare	Flare	Flare
Combined Maximum Length	Feet	100	150	200
Maximum Vertical Differential	Feet	32	32	32
Connection Pipe Size Suction	Inches	3/8	3/8	3/8
Connection Pipe Size Discharge	Inches	1/4	1/4	1/4
Physical				
Net Weight	LBS	118	126	190
Height Condensing Unit	Inches	27 3/8	27 3/8	38
Depth Condensing Unit	Inches	13 3/16	13 3/16	14
Width Condensing Unit	Inches	33 1/2	33 1/2	39
Refrigerant		R-410a	R-410a	R-410a

The outdoor condensing unit easily connects to any of these interior multi-zone units:



Ceiling



Multi-Zone Indoor Units

Ceiling & Floor		MUBU-12HRFN1-M	MUBU-18HRFN1-M
Electrical			
Voltage / Phase / Frequency		208/230 / 1 / 60	208/230 / 1 / 60
Recommended In / Out Cable		14 AWG / 4 conductor 1	4 AWG / 4 conductor
Specification			
Air Circulation Hi / Med / Low	CFM	340 / 280 / 220	470 / 410 / 370
Noise Level Cooling High	DBa	39	39
Noise Level Heating High	DBa	36	36
Air Direction Horizontal		Automatic	Automatic
Air Direction Vertical		Automatic	Automatic
Air Filter		Washable	Washable
Connection		Flare	Flare
Combined Maximum Length	Feet	65.6	65.6
Maximum Vertical Differential	Feet	26.2	26.2
Connection Pipe Size Suction	Inches	1/2	1/2
Connection Pipe Size Discharge	Inches	1/4	1/4
Physical			
Net Weight	LBS	53	53
Height Evaporator	Inches	26	26
Depth Evaporator	Inches	8	8
Width Evaporator	Inches	39	39
Refrigerant		R-410a	R-410a

Combinations	Zone	Indoor Units
M20C-18HRDN1-M	Single	18K
	Dual	9K + 9K
M30C-27HRDN1-M	Single	18K
	Dual	9K + 9K
	Dual	9K + 12K
	Dual	12K + 12K
	Tri	9K + 9K + 9K
M40C-36HRDN1-M	Dual	18K + 18K
	Tri	9K + 9K + 12K
	Tri	9K + 12K + 12K
	Tri	12K + 12K + 12K
	Quad	9K + 9K + 9K + 9K



Floor

Note:

1. Specifications are subject to change without notice.
2. The noise level data reflects the level in the anechoic chamber.
3. Please refer to the sizing guide on page 5 for square footage/BTU recommendations (values suggested by Energy Star web site).
4. Some features are not standard. Please refer to technical support/sales representatives.

