



20 SEER Unitary Product (Cooling Only) 2/3/4/5 ton



Features

Outdoor unit features

- ❖ Up to 20.5 SEER cooling efficiency
- ❖ Variable capacity control to precisely match the cooling load - no more no less
- ❖ Wide operation range: down to 14 °F and up to 125 °F
- ❖ Compatible with most standard 24V thermostat
- ❖ Compatible with anyone's indoor unit
- ❖ Compact cabinet design optimizes shipping cost and serviceability

Indoor unit features

- ❖ Two stage control provide enhanced comfort, energy savings, and superior humidity control
- ❖ Constant torque ECM motor optimizes efficiency and sound
- ❖ 4-position installation: upflow, horizontal right and downflow, horizontal left(field convertible discharge)
- ❖ Factory installed TXV



Specifications

Indoor unit			MVME24B2MN1TA	MVME36B2MN1TA	MVME48C2MN1TA	MVME60C2MN1TA
Outdoor unit			MOVA-36CDN1-M20G		MOVA-60HDN1-M20G	
Cooling capacity	BTU/h		24000	34600	47500	54500
EER	Btu/h.W		14	12.5	13.5	12.5
SEER	Btu/h.W		20.5	20	20	19
Power supply	Voltage-Phase-Hz		208/230-1-60			
Liquid line size	Outdoor unit	inch	3/8"	3/8"	3/8"	3/8"
Suction line size	Outdoor unit	inch	3/4"	3/4"	7/8"	7/8"
Expansion device	Indoor unit		TXV	TXV	TXV	TXV
	Outdoor unit		EEV	EEV	EEV	EEV
Decibels	Indoor unit	dB(A)	63/59/55	65/62/58	67/63/59	68/64/60
Air filter sizes		inch	18" x 20"	18" x 20"	20" x 22"	20" x 22"
Refrigrant type			R410A	R410A	R410A	R410A
Refrigrant factory charged		g	3220	3220	4920	4920
		lb-oz	7 lb - 2 oz	7 lb - 2 oz	10 lb - 14 oz	10 lb - 14 oz
Net weight (without packaging)	Indoor unit	lbs	119	124	154	161
	Outdoor unit	lbs	140	140	210	210
Gross weight (including packaging)	Indoor unit	lbs	147	152	187	194
	Outdoor unit	lbs	170	170	243	243
Net dimension (WxHxD)	Indoor unit	inch	19-5/8 x 46-1/2 x 21-5/8	19-5/8 x 46-1/2 x 21-5/8	22 x 54-1/2 x 24	22 x 54-1/2 x 24
Net dimension (WxHxD)	Outdoor unit	inch	29-1/8 x 24-15/16 x 29-1/8	29-1/8 x 24-15/16 x 29-1/8	29-1/8 x 33-3/16 x 29-1/8	29-1/8 x 33-3/16 x 29-1/8
Packing (WxHxD) (with pallet and pakaging)	Indoor unit	inch	22-5/16 x 52-9/16 x 25-3/8	22-5/16 x 52-9/16 x 25-3/8	24-11/16 x 60-5/8 x 27-11/16	24-11/16 x 60-5/8 x 27-11/16
Packing (WxHxD)	Outdoor unit	inch	30-1/5 x 26-1/4 x 30-1/5	30-1/5 x 26-1/4 x 30-1/5	30-1/5 x 34-1/2 x 30-1/5	30-1/5 x 34-1/2 x 30-1/5
Max. line length		ft	150			
Min. vertical separation(outdoor unit above indoor coil)		ft	50			
Max. vertical separation(outdoor unit below indoor coil)		ft	50			
Ambient temperature operation range		°C	-10~52			
		°F	14~125.6			
Controller			Wire Controller			

Note: Specifications are subject to change without prior notice for product improvement.

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Note: Product specifications change from time to time as product improvements and developments are released and may vary from those in this document.