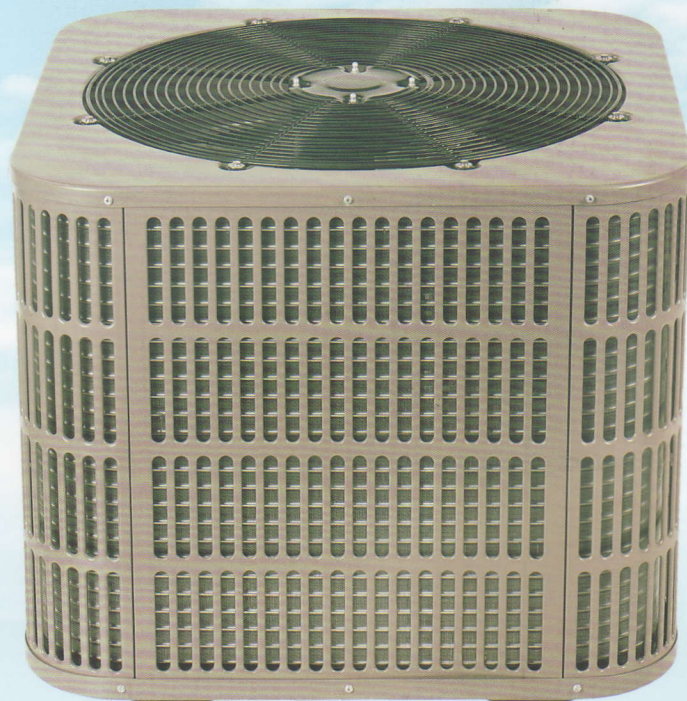




14 SEER Condensing Unit

R410A system



Features

Compressor

- Internally protect against high temperature motor overload conditions
- High-efficiency Copeland scroll compressor
- Low pressure switch factory installed. (HP only)

Cabinet

- Cabinet is constructed of painted galvanized steel, protect the coil from damage.
- Control box is located in corner for easy installation and service.
- Compact design for easy installation and transportation

Heat exchanger

- Inner-groove copper-tube— aluminum fin coils used on all models

Accessories

- High and low pressure switch
- Dry filter (shipped or installed)
- Compressor Crankcase heater (HP only)
- Low pressure inspect valve (HP only)



Specifications - R410A Condensing Units AC

Model			MOVA-18CN1-M14C	MOVA-24CN1-M14C	MOVA-30CN1-M14C	MOVA-36CN1-M14
Power supply	V-Ph-Hz		208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
MCA	AMPS		11.9	17.5	18.7	21.9
MOP	AMPS		20	30	30	35
Cooling	Capacity	Btu/h	18000	23800	30000	36000
	SEER	Btu/h.W	14	14	14	14
Heating	Capacity	Btu/h	N/A	N/A	N/A	N/A
	HSPF	Btu/h.W	N/A	N/A	N/A	N/A
Compressor type			Scroll	Scroll	Scroll	Scroll
Outdoor fan motor	Type		PSC	PSC	PSC	PSC
	Rated RPM	r/min	1075	1075	825	825
	Rated HP		1/12	1/12	1/6	1/6
Outdoor coil type			Copper tube and Aluminum fin			
Outdoor air flow	CFM		1529	1581	2999	3246
Outdoor sound level (sound pressure level)	dB(A)		56	62	62	64
Indoor unit	Body (W×H×D)	inch	21-7/8×24-15/16×21-7/8	23-5/8×24-15/16×23-5/8	28×24-15/16×28	29-1/8×24-15/16×29-1/8
	Packing(W×H×D)	inch	22-9/10×26-1/4×22-9/10	24-7/10×26-1/4×24-7/10	29×26-1/4×29	30-1/5×26-1/4×30-1/5
	Net/Gross weight	lbs	119/130	136/145	156/169	161/174
Refrigerant connection valve size	Liquid side/ Gas side	inch	3/8 / 3/4	3/8 / 3/4	3/8 / 3/4	3/8 / 3/4
Shipping per STD40HQ			320	228	192	180

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Specifications - R410A Condensing Units AC

Model			MOVA-42CN1-M14	MOVA-48CN1-M14	MOVA-60CN1-M14
Power supply	V-Ph-Hz		208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
MCA	AMPS		24.1	29	34.7
MOP	AMPS		40	50	60
Cooling	Capacity	Btu/h	42000	48000	57000
	SEER	Btu/h.W	14	14	14
Heating	Capacity	Btu/h	N/A	N/A	N/A
	HSPF	Btu/h.W	N/A	N/A	N/A
Compressor type			Scroll	Scroll	Scroll
Outdoor fan motor	Type		PSC	PSC	PSC
	Rated RPM	r/min	1075	1075	1075
	Rated HP		1/3	1/3	1/3
Outdoor coil type			Copper tube and Aluminum fin		
Outdoor air flow	CFM		4219	4234	4269
Outdoor sound level (sound pressure level)	dB(A)		67	67	67
Indoor unit	Body (W×H×D)	inch	28×29-7/8×28	28×33-3/16×28	29-1/8×33-3/16×29-1/8
	Packing(W×H×D)	inch	29×31-1/5×29	29×34-1/2×29	30-1/5×34-1/2×30-1/5
	Net/Gross weight	lbs	191/207	200/216	231/246
Refrigerant connection valve size	Liquid side/ Gas side	inch	3/8 / 3/4	3/8 / 7/8	3/8 / 7/8
Shipping per STD40HQ			144	144	135

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Specifications - R410A Condensing Units HP

Model			MOVA-18HN1-M14C	MOVA-24HN1-M14C	MOVA-30HN1-M14C	MOVA-36HN1-M14
Power supply		V-Ph-Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
MCA		AMPS	11.9	17.5	18.7	21.9
MOP		AMPS	20	30	30	35
Cooling	Capacity	Btu/h	18000	23200	29000	36000
	SEER	Btu/h.W	14.0	14	14	14
Heating	Capacity	Btu/h	18000	22200	29800	34600
	HSPF	Btu/h.W	7.8	7.8	8.3	8.3
Compressor type			Scroll	Scroll	Scroll	Scroll
Outdoor fan motor	Type		PSC	PSC	PSC	PSC
	Rated RPM	r/min	1075	1075	825	825
	Rated HP		1/12	1/12	1/6	1/6
Outdoor coil type			Copper tube and Aluminum fin			
Outdoor air flow		CFM	1581	1581	2999	3246
Outdoor sound level (sound pressure level)		dB(A)	62	62	64	64
Indoor unit	Body (W×H×D)	inch	23-5/8×24-15/16×23-5/8	23-5/8×24-15/16×23-5/8	28×24-15/16×28	29-1/8×24-15/16×29-1/8
	Packing(W×H×D)	inch	24-7/10×26-1/4×24-7/10	24-7/10×26-1/4×24-7/10	29×26-1/4×29	30-1/5×26-1/4×30-1/5
	Net/Gross weight	lbs	145/154	147/156	165/176	172/185
Refrigerant connection valve size	Liquid side/ Gas side	inch	3/8 / 3/4	3/8 / 3/4	3/8 / 3/4	3/8 / 3/4
	Shipping per STD40HQ		320	228	192	180

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Specifications - R410A Condensing Units HP

Model			MOVA-42HN1-M14	MOVA-48HN1-M14	MOVA-60HN1-M14
Power supply		V-Ph-Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
MCA		AMPS	24.1	29	34.7
MOP		AMPS	40	50	60
Cooling	Capacity	Btu/h	42000	48000	57000
	SEER	Btu/h.W	14	14	14
Heating	Capacity	Btu/h	40000	48000	56000
	HSPF	Btu/h.W	8.3	8.3	8.3
Compressor type			Scroll	Scroll	Scroll
Outdoor fan motor	Type		PSC	PSC	PSC
	Rated RPM	r/min	1075	1075	1075
	Rated HP		1/3	1/3	1/3
Outdoor coil type			Copper tube and Aluminum fin		
Outdoor air flow		CFM	4219	4234	4269
Outdoor sound level (sound pressure level)		dB(A)	67	67	67
Indoor unit	Body (W×H×D)	inch	28×29-7/8×28	28×33-3/16×28	29-1/8×33-3/16×29-1/8
	Packing(W×H×D)	inch	29×31-1/5×29	29×34-1/2×29	30-1/5×34-1/2×30-1/5
	Net/Gross weight	lbs	200/216	213/229	240/255
Refrigerant connection valve size	Liquid side/ Gas side	inch	3/8 / 3/4	3/8 / 7/8	3/8 / 7/8
	Shipping per STD40HQ		144	144	135

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Specifications - Three Phase R410A Condensing Units AC/HP

Sale Model			MOVB-36CN1-X14	MOVB-36HN1-X14	MOVB-48CN1-X14	MOVB-48HN1-X14	MOVB-60CN1-X14	MOVB-60HN1-X14
Power supply		V-Ph-Hz	208/230V-3Ph-60Hz					
Cooling	Capacity	Btu/h	35400	35400	46500	46000	57000	57000
	SEER	Btu/h.W	14	14	14	14	14	14
Heating	Capacity	Btu/h	N/A	35400	N/A	47000	N/A	58000
	HSPF	Btu/h.W	N/A	8.2	N/A	8.2	N/A	8.2
MCA		AMPS	14	14	18.9	18.9	21.7	21.7
MOP		AMPS	20	20	30	30	35	35
Compressor type			Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Outdoor fan motor	Type		PSC	PSC	PSC	PSC	PSC	PSC
	Rated RPM	RPM	825	825	1075	1075	1075	1075
	Rated HP		1/6	1/6	1/3	1/3	1/3	1/3
Outdoor coil type			Copper tube and Aluminum fin					
Outdoor air flow		CFM	3246	3246	4034	4034	4269	4269
Outdoor sound level (sound pressure level)		dB(A)	60	63	67	67	66	66
Outdoor unit	Dimension (W×H×D)	inch	29-1/8×24-15/16×29-1/8	29-1/8×24-15/16×29-1/8	28×33-3/16×28	28×33-3/16×28	29-1/8×33-3/16×29-1/8	29-1/8×33-3/16×29-1/8
	Packing (W×D×H)	inch	30-1/5×26-1/4×30-1/5	30-1/5×26-1/4×30-1/5	29×34-1/2×29	29×34-1/2×29	30-1/5×34-1/2×30-1/5	30-1/5×34-1/2×30-1/5
	Net/Gross weight	lbs	161/174	170/183	205/216	216/227	229/240	242/253
Refrigerant piping	Liquid side/ Gas side	inch	3/8 / 3/4	3/8 / 3/4	3/8 / 7/8	3/8 / 7/8	3/8 / 7/8	3/8 / 7/8
	Shipping per STD40HQ		180	180	144	144	135	135

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