

### Specifications - R410A Condensing Units AC (Mid Tier)

Model		MOVD-18CN1-M13C	MOVD-24CN1-M13C	MOVD-30CN1-M13C	MOVD-36CN1-M13A
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	17.6	18	21.9
MOP	AMPS	20	30	30	35
Cooling	Capacity	Btu/h	17800	22000	28200
	SEER	Btu/h.W	13	13	13
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	Scroll
Outdoor fan motor	Type	PSC	PSC	PSC	PSC
	Rated RPM	r/min	1075	1075	825
	Rated HP		1/12	1/8	1/6
Outdoor coil type		Copper tube and Aluminum fin			
Outdoor air flow	CFM	1900	2150	2700	3200
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	29-1/8×24-15/16×29-1/8
	Packing(W×H×D)	inch	24-7/10x26-1/4x24-7/10	24-7/10x26-1/4x24-7/10	30-1/5x26-1/4x30-1/5
	Net/Gross weight	lbs	114/123	119/128	139/147
Refrigerant connection valve size	Liquid side/ Gas side	inch	3/8 / 3/4	3/8 / 3/4	3/8 / 3/4
Shipping per STD40HQ		228	228	180	144

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### Specifications - R410A Condensing Units AC (Mid Tier)

Model		MOVD-42CN1-M13	MOVD-48CN1-M13	MOVA-60CN1-M13
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	41000	47000
	SEER	Btu/h.W	13	13
Heating	Capacity	Btu/h	N/A	N/A
	HSPF	Btu/h.W	N/A	N/A
Compressor type		Scroll	Scroll	Scroll
Outdoor fan motor	Type	PSC	PSC	PSC
	Rated RPM	r/min	1075	1075
	Rated HP		1/3	1/3
Outdoor coil type		Copper tube and Aluminum fin		
Outdoor air flow	CFM	4200	4219	4269
Outdoor sound level (sound pressure level )	dB(A)	67	66	66
Indoor unit	Body (W×H×D)	inch	29-1/8×33-3/16×29-1/8	28×29-7/8×28
	Packing(W×H×D)	inch	30-1/5x34-1/2x30-1/5	29x31-1/5x29
	Net/Gross weight	lbs	180/189	191/207
Refrigerant connection valve size	Liquid side/ Gas side	inch	3/8 / 7/8	3/8 / 7/8
Shipping per STD40HQ		135	144	135

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### Specifications - R410A Condensing Units HP (Mid Tier)

Model		MOVA-18HN1-M13C	MOVA-24HN1-M13C	MOVA-30HN1-M13C	MOVD-36HN1-M13
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	22400	29000
	SEER	Btu/h.W	13	13.0	13.0
Heating	Capacity	Btu/h	18000	22000	30000
	HSPF	Btu/h.W	7.7	7.7	8.2
Compressor type		Scroll	Scroll	Scroll	Scroll
Outdoor fan motor	Type	PSC	PSC	PSC	PSC
	Rated RPM	r/min	1075	1075	825
	Rated HP		1/12	1/12	1/6
Outdoor coil type		Copper tube and Aluminum fin			
Outdoor air flow	CFM	1581	1581	2999	2999
Outdoor sound level (sound pressure level )	dB(A)	57	57	62	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
	Packing(W×H×D)	inch	24-7/10x26-1/4x24-7/10	24-7/10x26-1/4x24-7/10	29x26-1/4x29
	Net/Gross weight	lbs	130/141	134/145	165/176
Refrigerant connection valve size	Liquid side/ Gas side	inch	3/8 / 3/4	3/8 / 3/4	3/8 / 3/4
Shipping per STD40HQ		228	228	192	192

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### Specifications - R410A Condensing Units HP (Mid Tier)

Model		MOVA-42HN1-M13	MOVD-48HN1-M13	MOVA-60HN1-M13
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	47500
	SEER	Btu/h.W	13.0	13
Heating	Capacity	Btu/h	43000	47000
	HSPF	Btu/h.W	8.2	8.2
Compressor type		Scroll	Scroll	Scroll
Outdoor fan motor	Type	PSC	PSC	PSC
	Rated RPM	r/min	1075	1075
	Rated HP		1/3	1/3
Outdoor coil type		Copper tube and Aluminum fin		
Outdoor air flow	CFM	4219	4219	4269
Outdoor sound level (sound pressure level )	dB(A)	67	67	66
Indoor unit	Body (W×H×D)	inch	28×29-7/8×28	28×29-7/8×28
	Packing(W×H×D)	inch	29x31-1/5x29	29x31-1/5x29
	Net/Gross weight	lbs	200/216	200/209
Refrigerant connection valve size	Liquid side/ Gas side	inch	3/8 / 7/8	3/8 / 7/8
Shipping per STD40HQ		144	144	135

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### Specifications - R410A Condensing Units AC (Low Tier)

Model		MOVA-18CN1-M13T	MOVA-24CN1-M13T	MOVA-30CN1-M13T	MOVC-36CN1-M13
Power supply	V-Ph-Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
MCA	AMPS	9	11.6	16	19.9
MOP	AMPS	15	20	25	35
Cooling	Capacity	Btu/h	17500	23000	30000
	SEER	Btu/h.W	13	13	13
Heating	Capacity	Btu/h	N/A	N/A	N/A
	HSPF	Btu/h.W	N/A	N/A	N/A
Compressor type		Rotary*	Rotary*	Rotary*	Scroll
Outdoor fan motor	Type	PSC	PSC	PSC	PSC
	Rated RPM	r/min	1075	1075	825
	Rated HP		1/12	1/12	1/6
Outdoor coil type		Copper tube and Aluminum fin			Micro channel
Outdoor air flow	CFM	1581	1581	2999	2156
Outdoor sound level (sound pressure level )	dB(A)	57	57	60	62
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
	Packing(W×H×D)	inch	22-9/10x26-1/4x22-9/10	24-7/10x26-1/4x24-7/10	29x26-1/4x29
	Net/Gross weight	lbs	119/130	128/139	156/169
Refrigerant connection valve size	Liquid side/ Gas side	inch	3/8 / 3/4	3/8 / 3/4	3/8 / 3/4
Shipping per STD40HQ		320	228	192	228

\*Scroll compressor is optional.  
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### Specifications - R410A Condensing Units AC (Low Tier)

Model		MOVA-36CN1-M13L	MOVA-42CN1-M13L	MOVA-48CN1-M13L	MOVA-60CN1-M13L
Power supply	V-Ph-Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
MCA	AMPS	20.2	25.2	27.7	31.1
MOP	AMPS	35	40	45	50
Cooling	Capacity	Btu/h	34600	40000	47000
	SEER	Btu/h.W	13	13	13
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	Scroll
Outdoor fan motor	Type	PSC	PSC	PSC	PSC
	Rated RPM	r/min	825	1075	1075
	Rated HP		1/6	1/3	1/3
Outdoor coil type		Copper tube and Aluminum fin			
Outdoor air flow	CFM	3250	4225	4393	4275
Outdoor sound level (sound pressure level )	dB(A)	60	64.1	62.8	64.0
Indoor unit	Body (W×H×D)	inch	29-1/8×24-15/16×29-1/8	28×29-7/8×28	28×33-3/16×28
	Packing(W×H×D)	inch	30-1/5x26-1/4x30-1/5	29x31-1/5x29	29x34-1/2x29
	Net/Gross weight	lbs	161/174	194/209	208/213
Refrigerant connection valve size	Liquid side/ Gas side	inch	3/8 / 3/4	3/8 / 7/8	3/8 / 7/8
Shipping per STD40HQ		180	144	144	135

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### Specifications - Nitrogen Charged Condensing Units AC

Model		MOVA-18C-M13T	MOVD-24C-M13C	MOVD-30C-M13C	MOVD-36C-M13
Power supply	V-Ph-Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
MCA	AMPS	8.9	13.6	16	19.4
MOP	AMPS	15	20	25	30
Cooling	Capacity	Btu/h	18000	24000	30000
	SEER	Btu/h.W	13	13	13
Heating	Capacity	Btu/h	N/A	N/A	N/A
	HSPF	Btu/h.W	N/A	N/A	N/A
Compressor type		Rotary	Scroll*	Scroll*	Scroll
Outdoor fan motor	Type	PSC	PSC	PSC	PSC
	Rated RPM	r/min	1075	1075	825
	Rated HP		1/12	1/8	1/6
Outdoor coil type		Copper tube and Aluminum fin			
Outdoor air flow	CFM	1581	2150	2700	3200
Outdoor sound level (sound pressure level )	dB(A)	59	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	29-1/8×24-15/16×29-1/8
	Packing(W×H×D)	inch	24-7/10x26-1/4x24-7/10	24-7/10x26-1/4x24-7/10	30-1/5x26-1/4x30-1/5
	Net/Gross weight	lbs	115/126	123/130	143/154
Refrigerant connection valve size	Liquid side/ Gas side	inch	3/8 / 3/4	3/8 / 3/4	3/8 / 3/4
Shipping per STD40HQ		228	228	180	144

\*Rotary compressor is optional.  
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### Specifications - Nitrogen Charged Condensing Units AC

Model		MOVD-42C-M13	MOVD-48C-M13	MOVA-60C-M13
Power supply	V-Ph-Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
MCA	AMPS	21.7	24.6	33
MOP	AMPS	35	40	50
Cooling	Capacity	Btu/h	41000	46000
	SEER	Btu/h.W	13	13
Heating	Capacity	Btu/h	N/A	N/A
	HSPF	Btu/h.W	N/A	N/A
Compressor type		Scroll	Scroll	Scroll
Outdoor fan motor	Type	PSC	PSC	AcMotor
	Rated RPM	r/min	825	1075
	Rated HP		1/6	1/3
Outdoor coil type		Copper tube and Aluminum fin		
Outdoor air flow	CFM	3250	4116	7260
Outdoor sound level (sound pressure level )	dB(A)	64	67	66
Indoor unit	Body (W×H×D)	inch	28×33-3/16×28	28×29-7/8×28
	Packing(W×H×D)	inch	29x34-1/2x29	29x31-1/5x29
	Net/Gross weight	lbs	158/167	172/180
Refrigerant connection valve size	Liquid side/ Gas side	inch	3/8 / 3/4	3/8 / 3/4
Shipping per STD40HQ		144	144	135

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