



16 SEER Condensing Unit

R410A system



Features

Compressor

- Compressor is protected against high/low pressure and temperature by a factory-installed high/low pressure switch and a temperature sensor which protects the compressor if undesirable operating conditions occur (HP only).
- Compressor Crankcase heater is factory installed (HP only).
- High-efficiency Copeland scroll compressor.

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

- Dry filter (shipped or installed)
- Low pressure inspect valve (HP only)



GD Midea Heating & Ventilating Equipment Co., Ltd.
Is certified under the ISO 9001 International standard for quality assurance.
NO.01 100 019209



GD Midea Heating & Ventilating Equipment Co., Ltd.
Is certified under the ISO 14001 International standard for environmental management.
Certificate No.15912E10020R0L

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Note: The data in this book may be changed without notice for further improvement on quality and performance.

Dealer information

Specifications - R410A Condensing Units AC

| Model | | | MOVA-18CN1-M16 | MOVA-24CN1-M16 | MOVA-30CN1-M16 | MOVA-36CN1-M16 |
|---|--------------------------|---------|------------------------------|------------------------|------------------------|-----------------------|
| Power supply | | V-Ph-Hz | 208/230V-1Ph-60Hz | 208/230V-1Ph-60Hz | 208/230V-1Ph-60Hz | 208/230V-1Ph-60Hz |
| MCA | | AMPS | 18000 | 24000 | 30000 | 36000 |
| MOP | | AMPS | 16 | 16 | 16 | 16 |
| Cooling | Capacity | Btu/h | N/A | N/A | N/A | N/A |
| | SEER | Btu/h.W | N/A | N/A | N/A | N/A |
| Heating | Capacity | Btu/h | 12.3 | 17.9 | 18.7 | 21.9 |
| | HSPF | Btu/h.W | 20 | 30 | 30 | 35 |
| Compressor type | | | Scroll | Scroll | Scroll | Scroll |
| Outdoor fan motor | Type | | PSC | PSC | PSC | PSC |
| | Rated RPM | r/min | 825 | 825 | 825 | 825 |
| | Rated HP | | 1/6 | 1/6 | 1/6 | 1/6 |
| Outdoor coil type | | | Copper tube and Aluminum fin | | | |
| Outdoor air flow | | CFM | 2999 | 3246 | 3246 | 3530 |
| Outdoor sound level (sound pressure level) | | dB(A) | 62.8 | 60.8 | 60.8 | 63 |
| Indoor unit | Body (W×H×D) | inch | 28×24-15/16×28 | 29-1/8×24-15/16×29-1/8 | 29-1/8×24-15/16×29-1/8 | 29-1/8×33-3/16×29-1/8 |
| | Packing(W×H×D) | inch | 29×26-1/4×29 | 30-1/5×26-1/4×30-1/5 | 30-1/5×26-1/4×30-1/5 | 30-1/5×34-1/2×30-1/5 |
| | Net/Gross weight | lbs | 161/172 | 160/172 | 161/174 | 187/198 |
| Refrigerant connection valve size | Liquid side/ Gas side | inch | 3/8 / 3/4 | 3/8 / 3/4 | 3/8 / 3/4 | 3/8 / 7/8 |
| Shipping per STD40HQ | | | 192 | 180 | 180 | 135 |

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Specifications - R410A Condensing Units AC

| Model | | | MOVA-42CN1-M16 | MOVA-48CN1-M16 | MOVA-60CN1-M16 | |
|---|--------------------------|---------|------------------------------|-----------------------|-----------------------|--|
| Power supply | | V-Ph-Hz | 208/230V-1Ph-60Hz | 208/230V-1Ph-60Hz | 208/230V-1Ph-60Hz | |
| MCA | | AMPS | 42000 | 47500 | 58000 | |
| MOP | | AMPS | 16 | 16 | 15 | |
| Cooling | Capacity | Btu/h | N/A | N/A | N/A | |
| | SEER | Btu/h.W | N/A | N/A | N/A | |
| Heating | Capacity | Btu/h | 23.4 | 26.6 | 33 | |
| | HSPF | Btu/h.W | 40 | 45 | 50 | |
| Compressor type | | | Scroll | Scroll | Scroll | |
| Outdoor fan motor | Type | | PSC | PSC | PSC | |
| | Rated RPM | r/min | 825 | 1100 | 1100 | |
| | Rated HP | | 1/6 | 1/3 | 1/3 | |
| Outdoor coil type | | | Copper tube and Aluminum fin | | | |
| Outdoor air flow | | CFM | 3530 | 4116 | 4116 | |
| Outdoor sound level (sound pressure level) | | dB(A) | 58.4 | 67 | 67 | |
| Indoor unit | Body (W×H×D) | inch | 29-1/8×33-3/16×29-1/8 | 29-1/8×33-3/16×29-1/8 | 29-1/8×33-3/16×29-1/8 | |
| | Packing(W×H×D) | inch | 30-1/5×34-1/2×30-1/5 | 30-1/5×34-1/2×30-1/5 | 30-1/5×34-1/2×30-1/5 | |
| | Net/Gross weight | lbs | 218/236 | 218/229 | 222/233 | |
| Refrigerant connection valve size | Liquid side/ Gas side | inch | 3/8 / 7/8 | 3/8 / 7/8 | 3/8 / 7/8 | |
| Shipping per STD40HQ | | | 135 | 135 | 135 | |

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Specifications - R410A Condensing Units HP

| Model | | | MOVA-18HN1-M16 | MOVA-24HN1-M16 | MOVA-30HN1-M16 | MOVA-36HN1-M16 |
|---|--------------------------|---------|------------------------------|------------------------|------------------------|-----------------------|
| Power supply | | V-Ph-Hz | 208/230V-1Ph-60Hz | 208/230V-1Ph-60Hz | 208/230V-1Ph-60Hz | 208/230V-1Ph-60Hz |
| MCA | | AMPS | 18000 | 24000 | 30000 | 35000 |
| MOP | | AMPS | 15 | 15 | 15 | 15 |
| Cooling | Capacity | Btu/h | 17500 | 23200 | 29000 | 35000 |
| | SEER | Btu/h.W | 9 | 9 | 9 | 9 |
| Heating | Capacity | Btu/h | 12.3 | 17.9 | 18.7 | 21.9 |
| | HSPF | Btu/h.W | 20 | 30 | 30 | 35 |
| Compressor type | | | Scroll | Scroll | Scroll | Scroll |
| Outdoor fan motor | Type | | PSC | PSC | PSC | PSC |
| | Rated RPM | r/min | 825 | 825 | 825 | 825 |
| | Rated HP | | 1/6 | 1/6 | 1/6 | 1/6 |
| Outdoor coil type | | | Copper tube and Aluminum fin | | | |
| Outdoor air flow | | CFM | 2999 | 3246 | 3246 | 3530 |
| Outdoor sound level (sound pressure level) | | dB(A) | 62.2 | 63.9 | 63.9 | 63 |
| Indoor unit | Body (W×H×D) | inch | 28×24-15/16×28 | 29-1/8×24-15/16×29-1/8 | 29-1/8×24-15/16×29-1/8 | 29-1/8×33-3/16×29-1/8 |
| | Packing(W×H×D) | inch | 29×26-1/4×29 | 30-1/5×26-1/4×30-1/5 | 30-1/5×26-1/4×30-1/5 | 30-1/5×34-1/2×30-1/5 |
| | Net/Gross weight | lbs | 174/185 | 170/183 | 172/185 | 194/205 |
| Refrigerant connection valve size | Liquid side/ Gas side | inch | 3/8 / 3/4 | 3/8 / 3/4 | 3/8 / 3/4 | 3/8 / 7/8 |
| Shipping per STD40HQ | | | 192 | 180 | 180 | 135 |

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Specifications - R410A Condensing Units HP

| Model | | | MOVA-42HN1-M16 | MOVA-48HN1-M16 | MOVA-60HN1-M16 | |
|---|--------------------------|---------|------------------------------|-----------------------|-----------------------|--|
| Power supply | | V-Ph-Hz | 208/230V-1Ph-60Hz | 208/230V-1Ph-60Hz | 208/230V-1Ph-60Hz | |
| MCA | | AMPS | 42000 | 46500 | 57500 | |
| MOP | | AMPS | 15 | 15 | 15 | |
| Cooling | Capacity | Btu/h | 42000 | 45000 | 55500 | |
| | SEER | Btu/h.W | 9 | 9 | 9 | |
| Heating | Capacity | Btu/h | 23.4 | 26.6 | 33 | |
| | HSPF | Btu/h.W | 40 | 45 | 50 | |
| Compressor type | | | Scroll | Scroll | Scroll | |
| Outdoor fan motor | Type | | PSC | PSC | PSC | |
| | Rated RPM | r/min | 825 | 1100 | 1100 | |
| | Rated HP | | 1/6 | 1/3 | 1/3 | |
| Outdoor coil type | | | Copper tube and Aluminum fin | | | |
| Outdoor air flow | | CFM | 3530 | 4116 | 4116 | |
| Outdoor sound level (sound pressure level) | | dB(A) | 60.4 | 67 | 67 | |
| Indoor unit | Body (W×H×D) | inch | 29-1/8×33-3/16×29-1/8 | 29-1/8×33-3/16×29-1/8 | 29-1/8×33-3/16×29-1/8 | |
| | Packing(W×H×D) | inch | 30-1/5×34-1/2×30-1/5 | 30-1/5×34-1/2×30-1/5 | 30-1/5×34-1/2×30-1/5 | |
| | Net/Gross weight | lbs | 229/245 | 229/240 | 233/244 | |
| Refrigerant connection valve size | Liquid side/ Gas side | inch | 3/8 / 7/8 | 3/8 / 7/8 | 3/8 / 7/8 | |
| Shipping per STD40HQ | | | 135 | 135 | 135 | |

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