

GOODMAN® MINI-SPLIT SYSTEM UNITS

AIR CONDITIONING & HEAT PUMP UNITS

Complete Room Comfort with Easy-to-use Remote Control

Specifications for:

Air Conditioners

MSG-12CWN1 — 1 ton

MSG-18CWN1 — 1½ tons

MSG-24CWN1 — 2 tons

Heat Pumps

MSG-12HWN1 — 1 ton

MSG-18HWN1 — 1½ tons

MSG-24HWN1 — 2 tons



*Complete warranty details available from your local dealer or at www.goodmanmfg.com.

The Goodman® brand offers the MSG series, a line of ductless mini-split air conditioning and heat pump systems for use where the installation of duct work is not practical. MSG systems work like typical residential split air conditioning or heat pump systems, just without the installation of sheet metal duct work.

The outdoor and indoor units are connected through a single 3½" opening in the wall. All the controls, refrigerant, and drain water run through the single opening, making installation easy. The indoor unit sits high on a wall and is operated by a remote control.

MSG systems are ideal for newly enclosed spaces (garages, porches, decks) that should not be connected to the main air conditioning system. These units are also great for spot cooling of a sunny room or where a TV and sound system may heat up a space.

These mini-splits combine cost-effective installation, excellent cooling and heating comfort, and the convenience of **remote control**.

Best of all, they provide additional comfort without costly changes to your main air conditioning system.

Goodman® brand MSG Mini-Splits are available in three sizes to fit your needs.

MSG Product Features

- Auto-Start
- Remote Control
- Sleep Mode
- Bi-Directional Airflow
- Easy-Clean Front Panel
- Anti-Rust Cabinet
- Rotary TDD
- Trapiziform Inner-Groove Copper
- Self-Diagnostics
- Auto-Protection



Air Conditioning & Heating

Air Conditioning Units

Heat Pump Units

| | | MSG12 CWN1N/W | MSG18 CWN1N/W | MSG24 CWN1N/W | MSG12 HWN1N/W | MSG18 HWN1N/W | MSG24 HWN1N/W |
|-------------------------------------|------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Capacities | | | | | | | |
| Cooling/Heating | BTU/h | 11,800 | 17,800 | 23,000 | 11,800 / 12,400 | 17,200 / 16,800 | 23,800 / 23,800 |
| SEER | | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 |
| HSPF | | | | | 7.7 | 7.7 | 7.7 |
| Airflow Volume | m ³ h | 440/ 365/ 325 | 620/ 540/ 490 | 650/ 570/ 520 | 440/ 365/ 325 | 620/ 540/ 490 | 650/ 570/ 520 |
| | CFM | 259/ 215/ 191 | 365/ 318/ 288 | 383/ 335/ 306 | 259/ 215/ 191 | 365/ 318/ 288 | 383/ 335/ 306 |
| Outdoor Decibels | | 55.0 | 59.0 | 60.0 | 55.0 | 55.0 | 60.0 |
| Electrical Data | | | | | | | |
| Volts/Phase-Hz | | 220-230/1-60 | 220-230/1-60 | 220-230/1-60 | 220-230/1-60 | 220-230/1-60 | 220-230/1-60 |
| Power Input | Watts | 1,060 | 1,500 | 2,050 | 1,060/ 1,080 | 1,500/ 1,600 | 2,050/ 2,100 |
| Operating Current | Amps | 4.7 | 6.6 | 9.1 | 4.7/ 4.8 | 6.6/ 7.1 | 9.1/ 9.3 |
| Piping Connections | | | | | | | |
| Liquid Line (mm/ in.) | | 6.35/ ¼" | 6.35/ ¼" | 9.5/ ⅜" | 6.35/ ¼" | 6.35/ ¼" | 9.5/ ⅜" |
| Gas Line (mm/ in.) | | 12.7/ ½" | 12.7/ ½" | 16.0/ ⅝" | 12.7/ ½" | 12.7/ ½" | 16.0/ ⅝" |
| Net Weight & Dimensions | | | | | | | |
| Indoor Unit (WxHxD) | in. | 35.7 x 11.3 x 9.3 | 49.2 x 12.8 x 9.1 | 49.2 x 12.8 x 9.1 | 35.7 x 11.3 x 9.3 | 49.2 x 12.8 x 9.1 | 49.2 x 12.8 x 9.1 |
| Outdoor Unit (WxHxD) | in. | 29.9 x 23.2 x 11.2 | 33.3 x 27.4 x 13.2 | 35.3 x 33.9 x 13 | 29.9 x 23.2 x 11.2 | 33.3 x 27.4 x 13.2 | 35.3 x 33.9 x 13 |
| Net Weight (Indoor/ Outdoor) | lbs | 25.3/ 79.3 | 39.6/ 116.7 | 39.6/ 127.8 | 25.3/ 83.7 | 39.6/ 118.9 | 39.6/ 132.2 |
| Ship Weight & Dimensions | | | | | | | |
| Indoor Unit (WxHxD) | in. | 40.2 x 15 x 12.8 | 53 x 16.9 x 13.2 | 53 x 16.9 x 13.2 | 40.2 x 15 x 12.8 | 53 x 16.9 x 13.2 | 53 x 16.9 x 13.2 |
| Outdoor Unit (WxHxD) | in. | 34.9 x 25.8 x 14 | 38 x 29.7 x 15.6 | 41 x 36.6 x 15.5 | 34.9 x 25.8 x 14 | 38 x 29.7 x 15.6 | 41 x 36.6 x 15.5 |
| Gross Weight (Indoor/Outdoor) | lbs | 33/ 85.9 | 55.1/ 125.6 | 55.1/ 132.2 | 33/ 90.3 | 55.1/ 127.8 | 55.1/ 141 |
| Applicable Area | | | | | | | |
| | m ² | 18-26 | 28-40 | 40-56 | 18-26 | 28-40 | 40-56 |
| | ft. ² | 195-280 | 300-430 | 430-600 | 195-280 | 300-430 | 430-600 |



Thank goodness for Goodman.™



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