

# GOODMAN® MINI-SPLIT SYSTEM UNITS

AIR CONDITIONING & HEAT PUMP UNITS

## Complete Room Comfort with Easy-to-use Remote Control

### Specifications for:

#### Air Conditioners

MSG-12CRN1 — 1 ton

MSG-18CRN1 — 1½ tons

MSG-24CRN1 — 2 tons

#### Heat Pumps

MSG-12HRN1 — 1 ton

MSG-18HRN1 — 1½ tons

MSG-24HRN1 — 2 tons



Goodman® 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® MSG mini-splits are available in three sizes to fit your needs.*

### Product Features

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



Air Conditioning & Heating

**Air Conditioning Units**

**Heat Pump Units**

		MSG12 CRN1N/W	MSG18 CRN1N/W	MSG24 CRN1N/W	MSG12 HRN1N/W	MSG18 HRN1N/W	MSG24 HRN1N/W
<b>Capacities</b>							
Cooling/Heating	BTU/h	12,000	18,000	24,000	12,000/ 13,000	18,000/ 19,000	24,000/ 25,000
SEER		13.5	13.5	13.0	13.5	13.5	13.0
HSPF					7.7	7.7	7.7
Airflow Volume	m <sup>3</sup> 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
<b>Electrical Data</b>							
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
<b>Piping Connections</b>							
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"
<b>Net Weight &amp; Dimensions</b>							
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
<b>Ship Weight &amp; Dimensions</b>							
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
<b>Applicable Area</b>	m <sup>2</sup>	18-26	28-40	40-56	18-26	28-40	40-56
	ft. <sup>2</sup>	195-280	300-430	430-600	195-280	300-430	430-600



**Thank goodness for Goodman.™**

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