

MPG24S054M414A Gas Electric Packaged Unit Instruction Manual

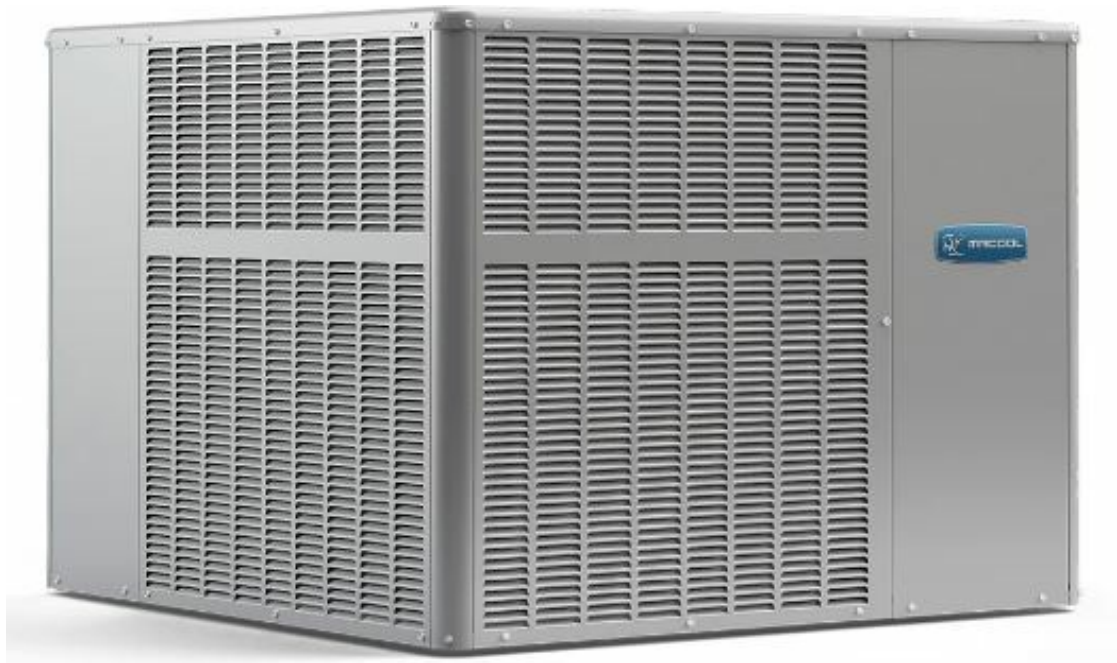
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MPG24S054M414A Gas Electric Packaged Unit



Product Information

- Easy Installation & Service
- Quiet Running
- Durable Build & Finish
- Multi-Position Application
- R-410A Refrigerant
- Optional LP Kit
- 81% AFUE
- Compact Design
- Sensible heating and cooling solutions with our affordable and durable packaged gas / electric options
- Version Date: 12-29-2022
- Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty; 15-year for heat exchanger where specified).
Warranty must be registered online within 60 days of installation to qualify for extended coverage.
Unregistered equipment defaults to 5-year coverage.

Product Specifications

Model No.	Power Supply (V~Hz, Ph)	Cooling Capacity (Btu/h)	SEER2 (Btu/W)	EER2 (Btu/W)	Heating Input (Btu/h)	Output Temp. Rise Range	AFUE (%)	Outdoor Unit Dimension (WxDxH) inch	Sound Rating (Hi/Mi/Lo) dBA
MPG24 S054M 414A	208/230~60, 1	22600	13.4	10.6	54000	30-60	81	47.66 x 47.66 x 40.89	77
MPG30 S054M 414A	208/230~60, 1	28400	13.4	10.6	54000	30-60	81	47.66 x 47.66 x 40.89	79
MPG36 S090M 414A	208/230~60, 1	334000	13.4	10.6	90000	40-70	81	47.66 x 47.66 x 40.89	78
MPG42 S090M 414A	208/230~60, 1	40000	13.4	10.6	90000	40-70	81	47.66 x 56.13 x 44.89	78
MPG48 S108M 414A	208/230~60, 1	44500	13.4	10.6	108000	40-70	81	47.66 x 56.13 x 44.89	77
MPG60 S108M 414A	208/230~60, 1	57500	13.4	10.6	108000	40-70	81	47.66 x 56.13 x 44.89	78

Data provided by AHRI

Product Usage Instructions

1. Ensure the power supply is compatible with the unit's requirements (208/230V~60Hz, single phase).
2. Choose the appropriate model based on your cooling capacity needs (listed in Btu/h).
3. Consider the SEER2 and EER2 ratings for energy efficiency.
4. Determine the heating input required for your space (listed in Btu/h).
5. Check the output temperature rise range to ensure it meets your heating requirements.
6. Take note of the AFUE percentage for efficiency during heating.
7. Ensure the outdoor unit dimensions (WxDxH) fit your installation space (in inches).
8. Consider the sound rating (Hi/Mi/Lo) in dBA for noise levels.
9. Refer to the warranty terms and conditions for coverage details and registration requirements.
10. Follow the installation instructions provided in the user manual for proper setup and connection.

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- Multi-Position Application
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- 81% AFUE

- Compact Design

PACKAGE GAS / ELECTRIC

The MRCOOL® Gas / Electric Packaged Unit combines a high performance 13.4 SEER2 air conditioner with a powerful gas furnace to deliver the best air comfort possible in all weather conditions. Like all MRCOOL® products, this hybrid system is competitively priced, suitable for residential or commercial installation, and will run smoothly for years to come.

Warranty

Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty; 15-year for heat exchanger where specified). Warranty must be registered online within 60 days of installation to qualify for extended coverage. Unregistered equipment defaults to 5-year coverage.

- Available in 2, 2.5, 3, 3.5, 4, and 5 ton capacities.
- 10-Year Parts Limited Warranty.

SPECIFICATIONS

MODEL NO.	Unit	MPG24S05 4M414A	MPG30S05 4M414A	MPG36S09 0M414A	MPG42S09 0M414A	MPG48S10 8M414A	MPG60S10 8M414A
Power Supply	V~H z, P h	208/230 ~ 60, 1	208/230 ~ 6 0, 1	208/230 ~ 60, 1	208/230 ~ 60, 1	208/230 ~ 6 0, 1	208/230 ~ 6 0, 1
Cooling Capacity	Btu/ h	22600	28400	334000	40000	44500	57500

SEER2	Btu/ W	13.4	13.4	13.4	13.4	13.4	13.4
EER2	Btu/ W	10.6	10.6	10.6	10.6	10.6	10.6
Heating Input	Btu/ h	54000	54000	90000	90000	108000	108000
Output	Btu/ h	43800	43800	72900	72900	87500	87500
Temp. Rise Range	°F	30-60	30-60	40-70	40-70	40-70	40-70
AFUE	%	81	81	81	81	81	81
Outdoor Unit Dimension (WxDxH)	inch	47.66 x 47.66 x 40.89	47.66 x 47.66 x 40.89	47.66 x 47.66 x 40.89	47.66 x 56.13 x 44.89	47.66 x 56.13 x 44.89	47.66 x 56.13 x 44.89
Net Weight	lbs	388	400	425	496	506	543
Refrigerant Type	Type	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
Refrigerant Charge	lb-oz	76	80	81	94	107	135
Sound Rating (Hi/Mi/Lo)	dB(A)	77	79	78	78	77	78


- Data provided by AHRI

Sensible heating and cooling solutions with our affordable and durable packaged gas / electric options.

- 48 Remington Way
- Hickory, KY 42051
- 270.366.0457
- www.mrcool.com
- **Version Date:** 12-29-2022



Documents / Resources

 The image shows the front cover of a technical manual. At the top left is the 'Mitsubishi Electric' logo. Below it, the text 'PACKAGE GAS ELECTRIC' is printed in bold. In the center is a photograph of the packaged unit, which is a large, light-colored metal cabinet with a grid-like front. To the right of the photo, there is a list of features and a QR code. The background of the cover is blue with some technical diagrams.	<p>MPG MPG24S054M414A Gas Electric Packaged Unit [pdf] Instruction Manual MPG24S054M414A, MPG30S054M414A, MPG36S090M414A, MPG42S090M414A, MPG48S 108M414A, MPG60S108M414A, MPG24S054M414A Gas Electric Packaged Unit, Gas Electric Packaged Unit, Electric Packaged Unit, Packaged Unit</p>
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