

MRV-5-RC Heat Recovery

Outdoor, 50.4kW

White



Haier's heat recovery outdoor unit and new valve box offer simultaneous cooling and heating in one system, with multiple indoor unit choices.

- Three-pipe full DC inverter heat recovery system
- Heating and cooling, with an operational range from -23°C to 50°C
- Outdoor units can work in parallel to power a range of indoor units
- Total connected pipe length up to 1000m with 110m lift height

DIMENSIONS

Height	1690 mm
Width	1410 mm
Depth	750 mm

FEATURES & BENEFITS

Commercial scale solutions

Outdoor units can work in parallel, providing combined cooling or heating capacity up to 224kW and connecting to up to 64 indoor units of varying capacity and style.

Heat recovery

The MRV-5-RC outdoor unit and three-pipe valve box can heat and cool simultaneously using heat recovery. In a three-pipe system, heat absorbed from a cooling indoor unit can be recovered and used by another indoor unit for heating, and vice versa.

Efficiency

With full DC-inverter technology and a new four-way heat exchanger, MRV-5-RC is designed to heat and cool large spaces efficiently.

Choose your indoor unit

Choose from our wall mount, slim duct, high static duct, compact cassette and large cassette indoor air conditioner units to suit your environment.

Simple maintenance

The electrical control box is designed with a hinge to easily lift and swing open for faster servicing and diagnostics.

Optional central controller

For personalised control of the whole system, a wall-mounted controller lets you manage individual indoor units, groups or zones from a single point.

SPECIFICATIONS

Capacity	
Cooling capacity (kW)	50kW

Heating capacity (kW)	56.5kW
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Consumption

COP	3.55
EER	3.56

Features

Compressor type	DC INV. SCROLL
Inverter controlled compressor	•

Installation

Connectible indoor unit ratio	50-130%
Liquid line	15.9mm
Maximum number indoor units	30
Suction line	28.6mm

Performance

R410a refrigerant	•
Sound power SWL (outdoor)	88dBA
Working temperature cooling	-5°C ~ +50°C
Working temperature heating	-23°C ~ +21°C

Power Requirements

Power phase	3
Power supply	50Hz
Supply voltage	400V

Product dimensions

Depth	750 mm
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Height	1690 mm
Net weight	385kg mm
Width	1410 mm

SKU	51531
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The product dimensions and specifications in this page apply to the specific product and model. Under our policy of continuous improvement, these dimensions and specifications may change at any time. You should therefore check with Fisher & Paykel's Customer Care Centre to ensure this page correctly describes the model currently available. ? 2020 Haier Inc. All rights reserved.

Other product downloads available at haier.com

- [↓](#) User Guide - Outdoor Unit
- [↓](#) User Guide - Valve Box 1x1
- [↓](#) User Guide - Valve Box 1x4
- [↓](#) User Guide - Wired Controller YR-E17A
- [↓](#) User Guide - Wired Controller YR-E16B
- [↓](#) Installation Guide - Outdoor Unit
- [↓](#) Installation Guide - Valve Box 1x1
- [↓](#) Installation Guide - Valve Box 1x4
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