WIPCOOL®
TWÓJ KLUCZ DO KOMFORTU

OPERATING MANUAL · ENGLISH

MRH-1

Charging Hoses

Read this manual before use. Keep it with the unit for its entire service life.



Read the manual
Safety and connection rules before the first start-up.

Service and warranty
Service requests and warranty terms at wipcool.eu.

Documents online
Manual, data sheet and declaration of conformity at wipcool.eu.

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How to use this manual

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MEANING OF SYMBOLS



Separate collection of WEEE

Do not dispose of used equipment with household waste.



CE marking

Manufacturer's declaration of conformity with EU requirements.



Read the manual

Safety and operating rules before starting work.

Wipcool MRH user manual

Wipcool MRH hoses are designed for servicing systems with high-pressure refrigerants, including R410A and R32. Sets are available without valves, with CV60° ball valves and with SV service valves.

The user manual is an integral part of the product. Please read this manual carefully and follow all instructions closely.

Symbols and conventions

01



Warning - read the text in the box next to the symbol.

Safety information

WARNING
When working with flammable refrigerants (A2L, A3), ensure good ventilation, remove sources of ignition and comply with the regulations applicable to these refrigerants.

WARNING
Do not exceed the working pressure of 55 bar. Do not use visibly damaged hoses or connections.

- Do not connect hoses to connections of a different size.

Technical specifications

The length in the table applies to each hose in the set.

Without valves

Parameter	MRH-1	MRH-2
Working pressure	55 bar	55 bar
Length	150 cm	150 cm

Parameter	MRH-1	MRH-2
Connections - yellow	1/4" - 1/4"	1/4" - 1/4"
Connections - red	1/4" - 5/16"	1/4" - 1/4"
Connections - blue	1/4" - 5/16"	1/4" - 1/4"

With ball valves

Parameter	MRH-1CV60°	MRH-2CV60°
Working pressure	55 bar	55 bar
Length	150 cm	150 cm
Connections - yellow	1/4" - 1/4"	1/4" - 1/4"
Connections - red	1/4" - 5/16"	1/4" - 1/4"
Connections - blue	1/4" - 5/16"	1/4" - 1/4"

With service valves

Parameter	MRH-1SV	MRH-2SV
Working pressure	55 bar	55 bar
Length	180 cm	180 cm
Connections - yellow	1/4" - 1/4"	1/4" - 1/4"
Connections - red	1/4" - 5/16"	1/4" - 1/4"
Connections - blue	1/4" - 5/16"	1/4" - 1/4"

Construction

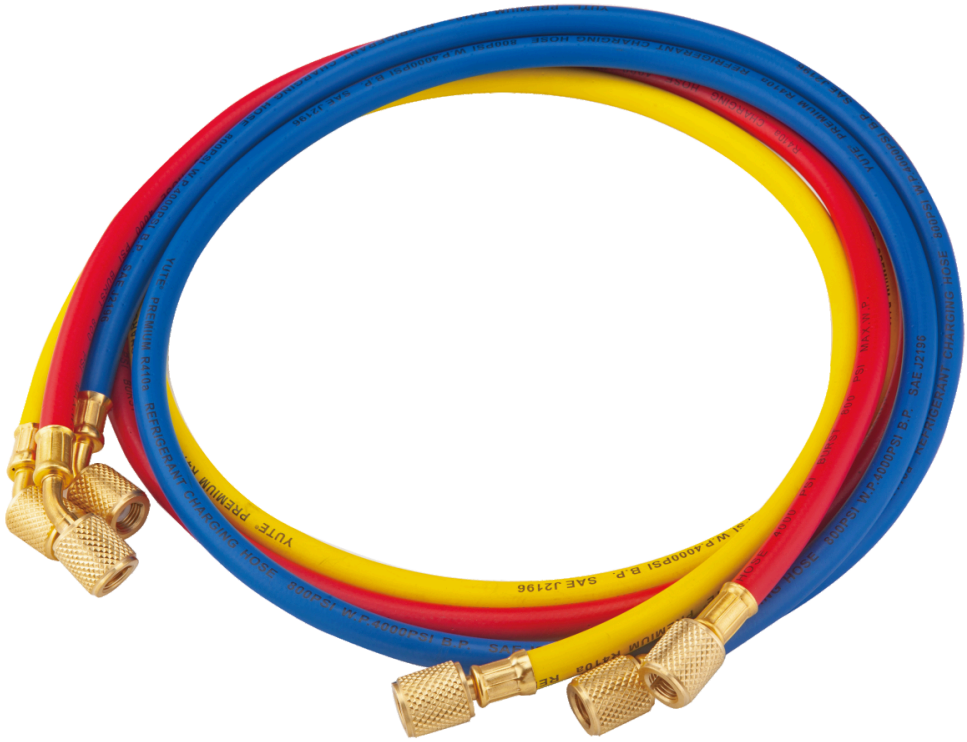


Figure 1. Set without valves.



Figure 2. Connection nuts.

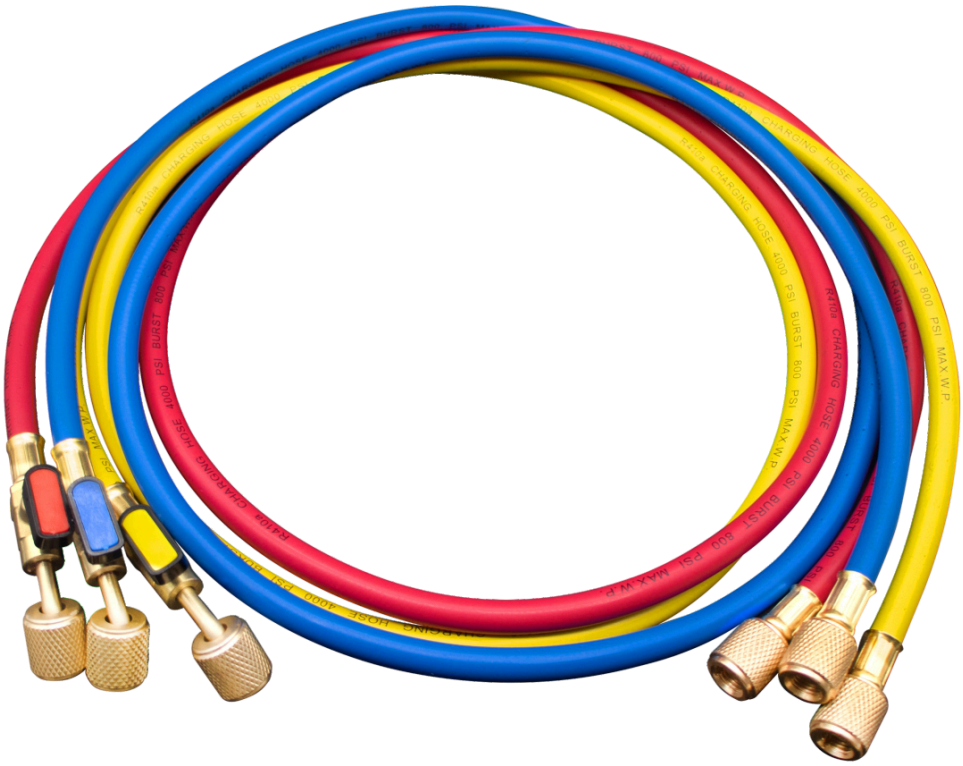


Figure 3. CV60° variant.



Figure 4. Ball valve.

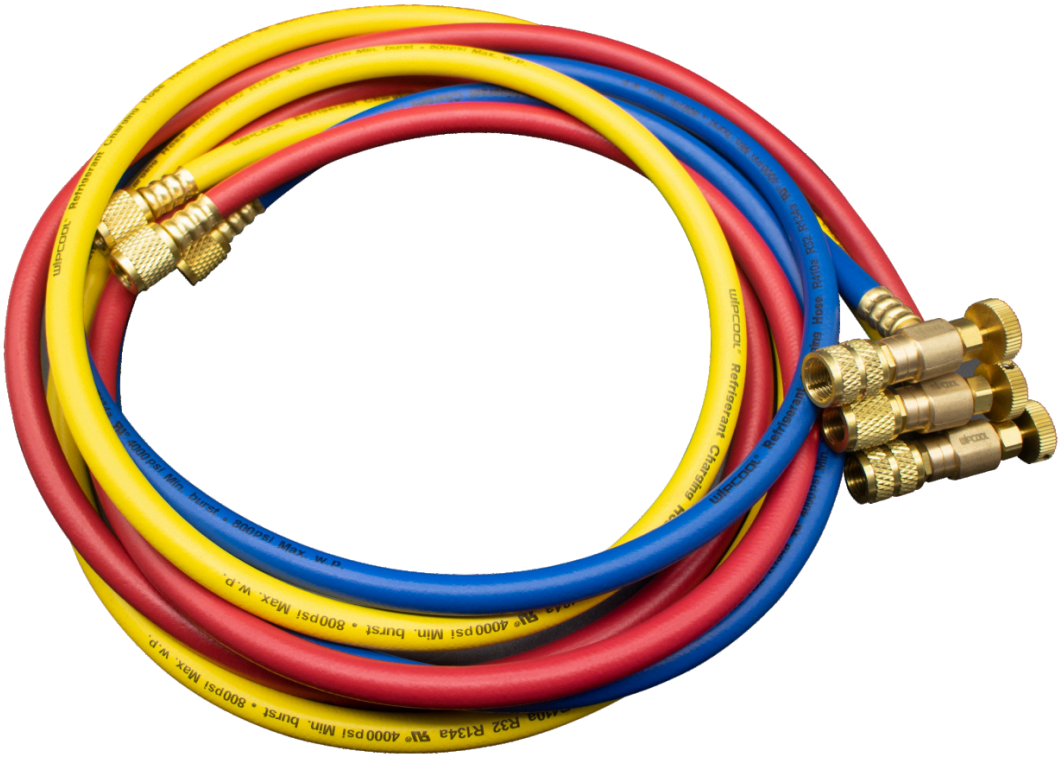


Figure 5. SV variant.



Figure 6. Service valve.

MRH-1 hose construction

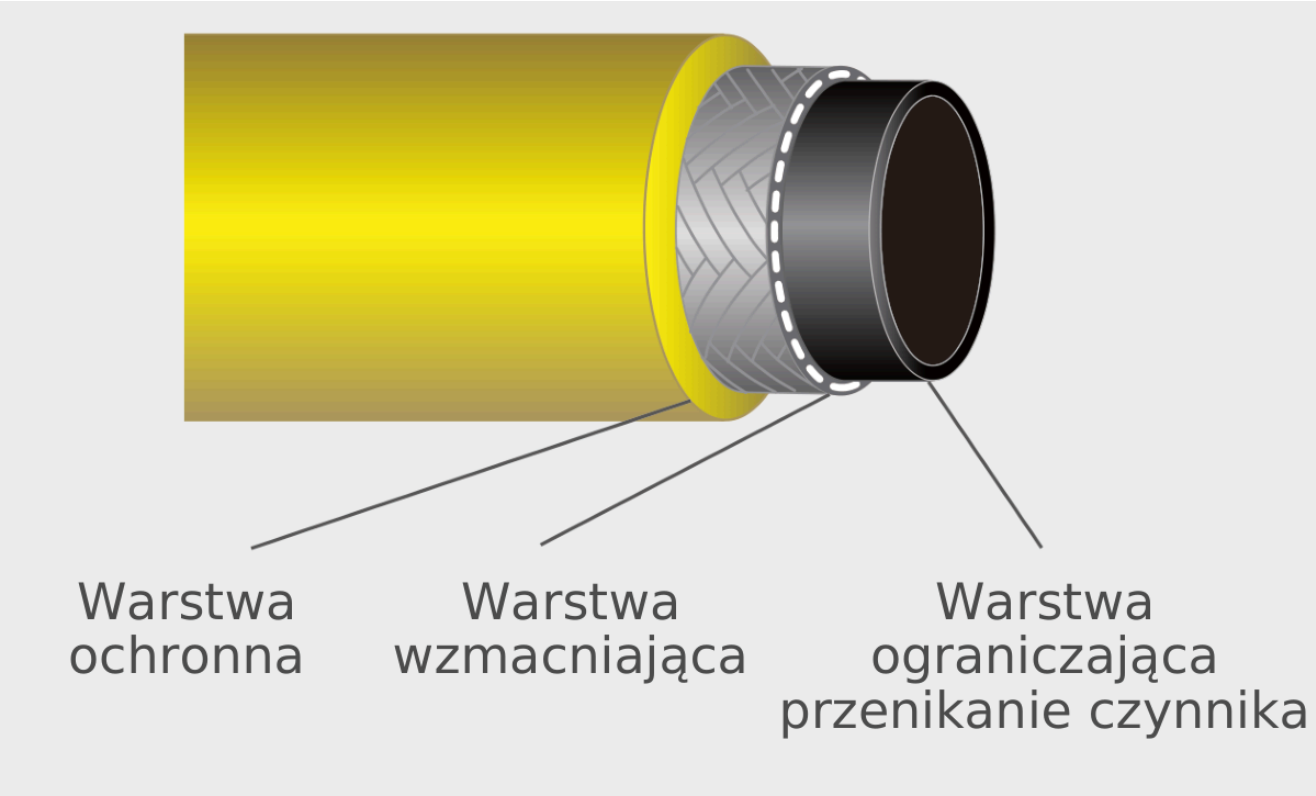


Figure 7. Cross-section of the MRH-1 hose.

The MRH-1 hose has a protective layer, a reinforcing layer and an inner layer that limits refrigerant permeation. The connection nuts are made of brass.

Set contents

Each MRH set contains three hoses: yellow, red and blue.

Connection

01 Check the model designation and select the connections according to the technical specifications table.

02 Check the condition of the hoses and connections before connecting them.

Connect the hoses according to the instructions for the instrument being connected.

Operation

Models without valves do not shut off flow through the hose. The ball valve on the CV60° variant is used to open and shut off flow. The SV service valves shut off flow and allow the hose to be disconnected with less refrigerant loss. Closing the valve alone does not remove refrigerant or pressure trapped in the hose.

Finishing work

> **WARNING**
> Do not release refrigerant by unscrewing the hose.

01 If refrigerant remains in the hose, recover it using a refrigerant recovery machine.

02 Make sure that the section being disconnected is no longer under pressure, and disconnect the hoses.

Service and documents

Before submitting a service request, prepare:

- Model - shown on the product label and on the invoice.
- Serial number - if there is none, provide the production number (e.g. 11/2025), usually found on the underside of the product.
- Proof of purchase - an invoice or receipt from an authorised distributor.
- Description of the fault - what is happening, when it started and under what conditions.

You can submit a service request at wipcool.pl/serwis. You will also find the warranty terms there.

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SERVICE AND DOCUMENTS

MRH-1 · Operating manual

EDITION DETAILS

Model	**MRH-1**
Edition	**05.11.2026 · EN**
Manufacturer	**Zhejiang Wipcool Refrigeration Equipment Co., Ltd.**
Authorised representative	**4REF sp. z o.o., ul. gen. Władysława Andersa 38, 15-113 Białystok**

wipcool.eu

- online manual and other languages
- data sheet and declaration of conformity
- service and requests

CE

The CE marking confirms the declared conformity with EU requirements.
Crossed-out bin: do not dispose of used equipment with household waste.