



Features:

- Water removal rate remove as much as 99.99% of the water.
- Cost space saving save 80% cost.
- No power supply since no electricity is used, no wiring work is necessary. Installation is very easy.
- Compact design easily installed in wide variety of mechanical systems, due to space-saving design.

Specification:

Model	MWC-1000	MWC-4000
Port size	Rc 3/8	Rc 1
External dimension (mm)	$\phi 85 \times 382$	$\phi 130 \times 501$
Max. operating pressure	9.9 kgf/cm ²	
Max. air flow (※)	940 NL/min	4,000 NL/min
Option	Bracket	
Weight	1.6 kg	4.3 kg

※ Pressure is at 7 kgf/cm².

Order example :

MWC — 1000 — NPT

MODEL

FLOW CODE

1000
4000

PORT THREAD

Blank: Rc thread
NPT: NPT thread
G: G thread

※NPT, G: Using converting sockets (Attachment).

Order example of bracket:

BT — MWC-1000

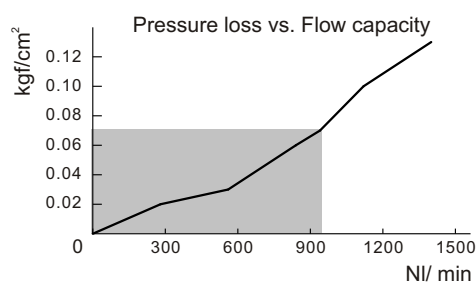
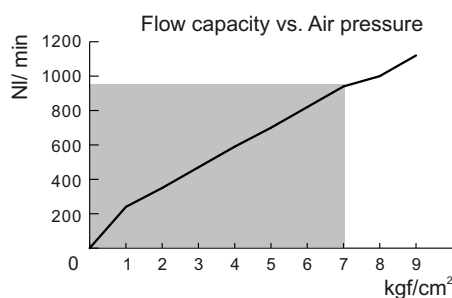
Bracket

FLOW CODE

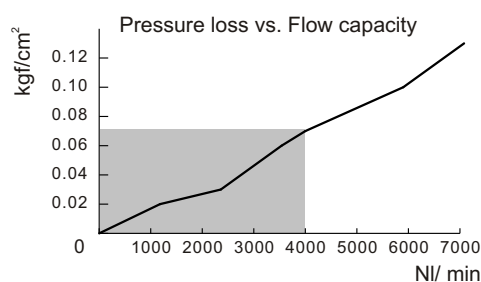
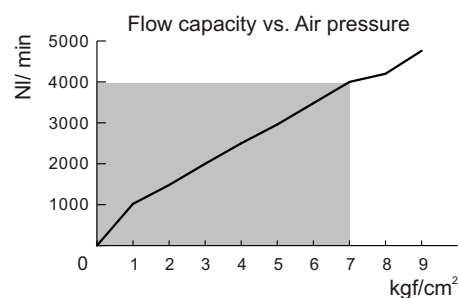
1000
4000

Pressure loss / flow capacity : The pressure loss is less than 1%.

MWC-1000

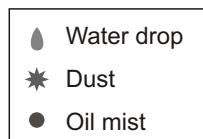


MWC-4000



※ This product must be operated within the condition designated by blue areas in the graphs.

Compact and high efficiency



Helical air path

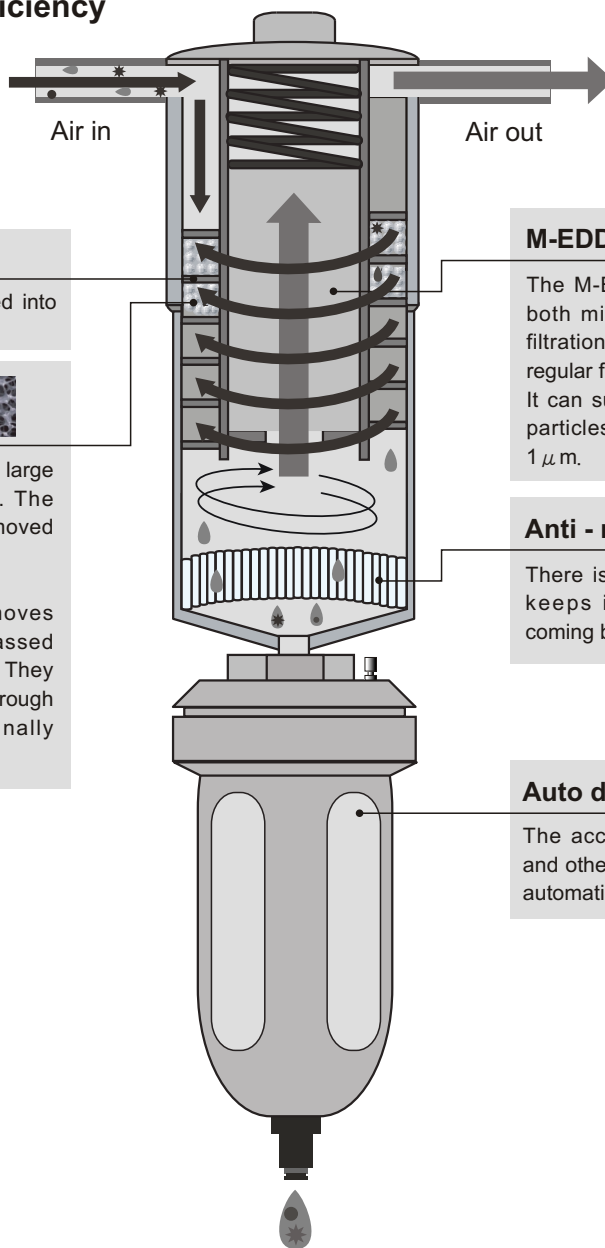
The compressed air is Induced into the helical air path.

Mesh coalescer



The mesh coalescer removes large particles and lets them fall. The majority of impurities are removed at this stage.

Next, centrifugal force removes small particles that have passed through the mesh coalescer. They are dropped into the bottom through the wall of the body and finally collected in the sump.



M-EDDY filter

The M-EDDY filter which absorbs both mist and oil, has four times filtration capacity compared to the regular filters. It can supply clean air free of mist particles whose size is more than $1\mu\text{m}$.

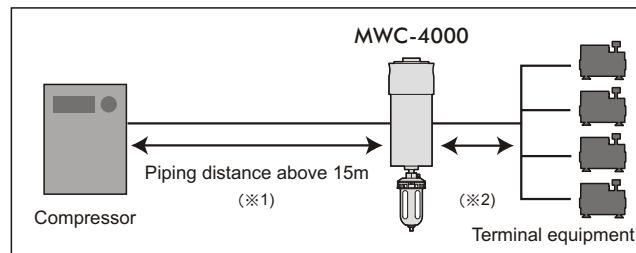
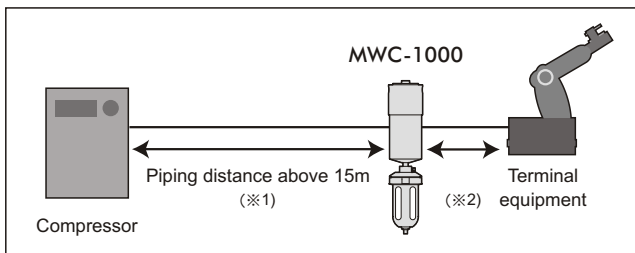
Anti - rolling up mechanism

There is a built-in mechanism that keeps isolated impurities from coming back to the air flow.

Auto drain

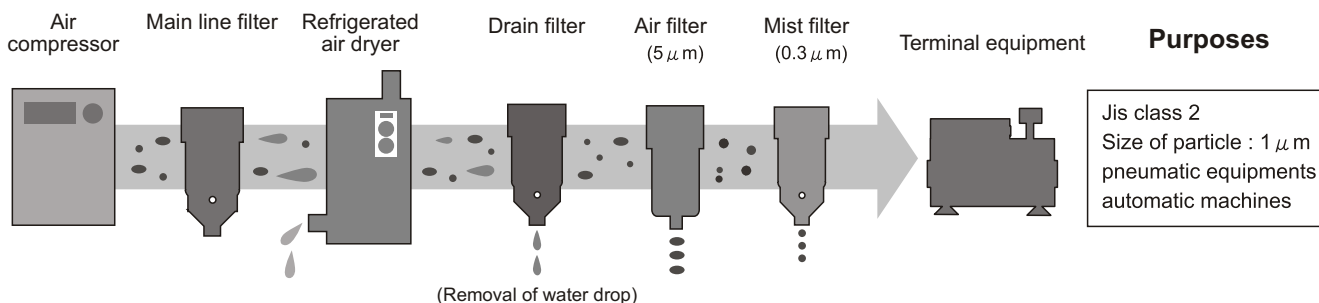
The accumulation of oil, sewage and other impurities in the bowl are automatically drain.

Application examples:

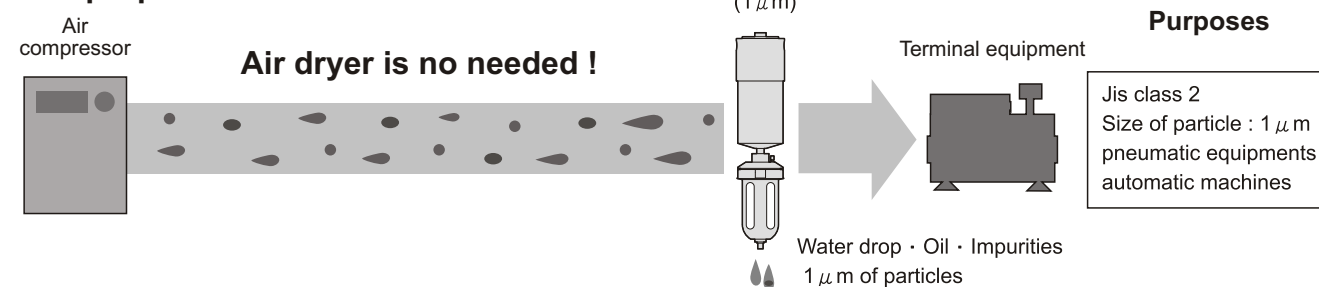


- ※1. Should be installed as far as possible from the compressor.
 ※2. Should be installed as closer as possible to the terminal equipments.

Typical composition of main line system:



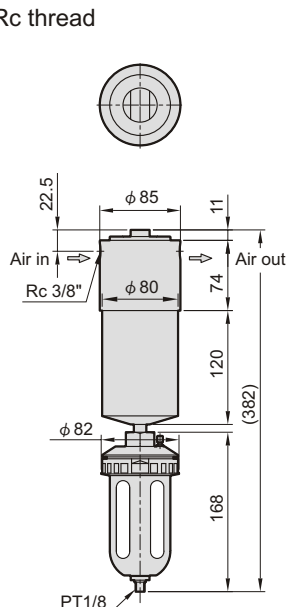
New proposal:



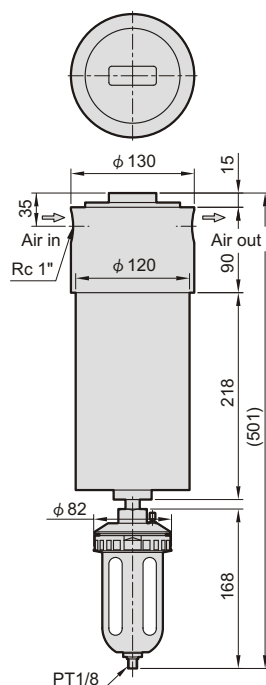
Dimensions :

MWC-1000

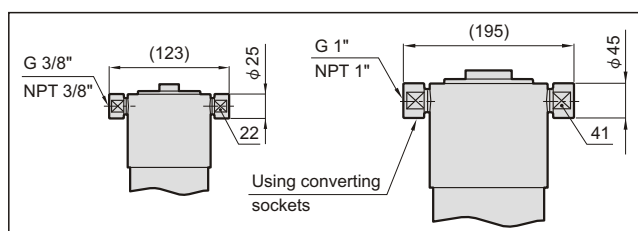
Rc thread



MWC-4000



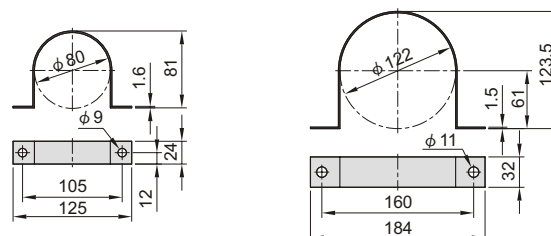
G & NPT thread



Bracket:

BT-MWC-1000

BT-MWC-4000



Installation diagram:

