

# MACP401 series

AIR UNITS (F.R.L.UNIT)

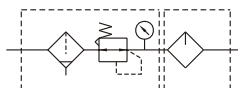


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Option: MP41

## Symbol



## Specification

Model	MACP401		
Components	MAFR401, MAL401		
Bore No.	8A	10A	15A
Port size	1/4	3/8	1/2
Medium	Air		
Operating pressure range (※)	0.05~1.5 MPa		
Proof pressure	2 MPa		
Regulated pressure range	Standard type: 0.1~0.85 MPa		
	High pressure type: 0.1~1.5 MPa		
Ambient temperature	-5~+60°C (No freezing)		
Filter element	Standard: 40 μm Option: 5 μm		
Lubricating oil capacity	200c.c		
Min. Flow for oil drip	30 ℓ/min	65 ℓ/min	80 ℓ/min
Recommended lubricating oil	Turbine oil ISO-VG32		
Attachment	Pressure gauge(PG-20), L-type bracket		
Weight	1518 g		

※ 1. Standard unit contains semi-auto-drain function when operating pressure below 0.05 MPa.

※ 2. Choose auto-drain FMRF300, the pressure range is 0.15 ~ 1 MPa.

## Order example

MACP401 — 8A — D — E1 — □ — T8 — □

MODEL

BORE SIZE

8A : 1/4  
10A : 3/8  
15A : 1/2

Blank: standard

C: external pressure gauge (PG-40)

D: auto drain valve (FMRF300)

H: high pressure type (Required with external pressure gauge PG-40)

P: pressure switch (MPS series)

※ (H) High pressure type can not choose with auto drain valve (FMRF300) when operating pressure over than 1 MPa.

FILTER ELEMENT  
Blank: 40 μm  
5u: 5 μm

Module mounting bracket

T8: 1/4  
T10: 3/8  
T15: 1/2

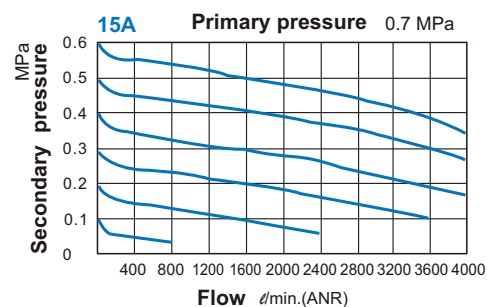
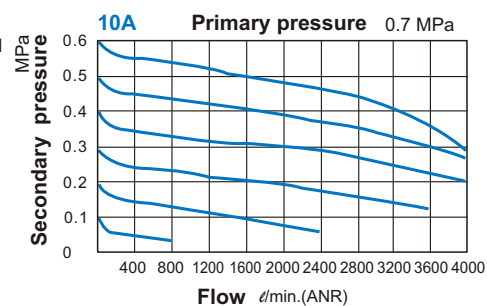
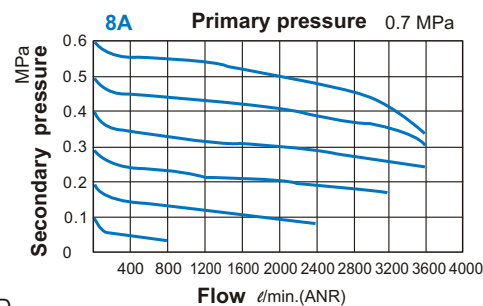
PORT THREAD  
Blank: Rc thread  
G: G thread  
NPT: NPT thread

PRESSURE SWITCH

E1: MP41P-02  
E2: MP41P-02-QD  
E3: MP41P-02-J  
E4: MP41P-02-QD-J  
E5: MP41P-04  
E6: MP41P-04-QD  
E7: MP41P-04-J  
E8: MP41P-04-QD-J

※ Refer to page E-13 for the option of digital pressure switch MP41.

## Flow feature



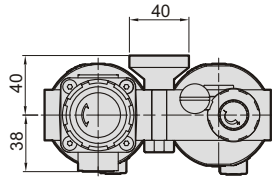
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# MACP401 Dimensions

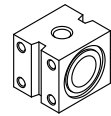
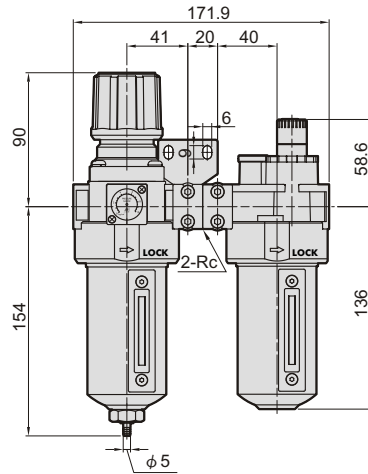
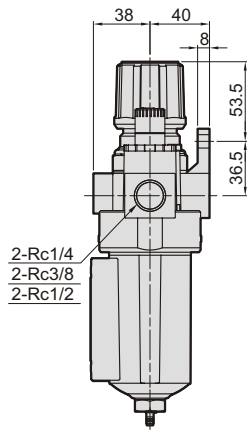
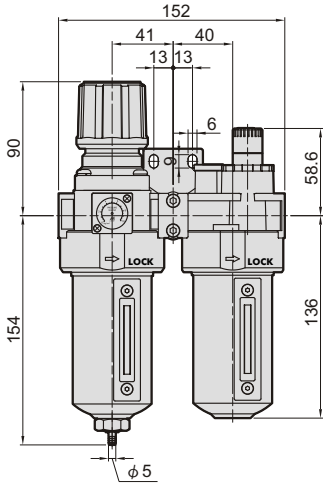
AIR UNITS (F.R.L.UNIT)



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## MACP401-T\*

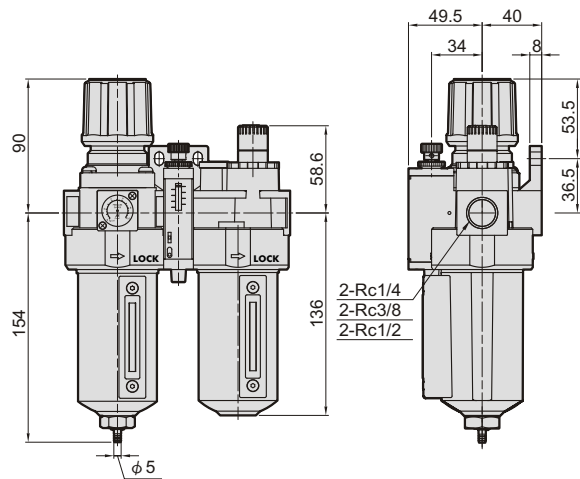
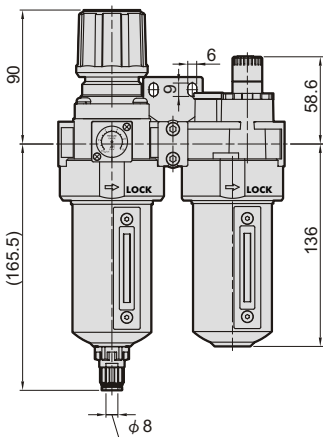


	Rc
T8	Rc1/4
T10	Rc3/8
T15	Rc1/2

## MACP401-D

## MACP401-P

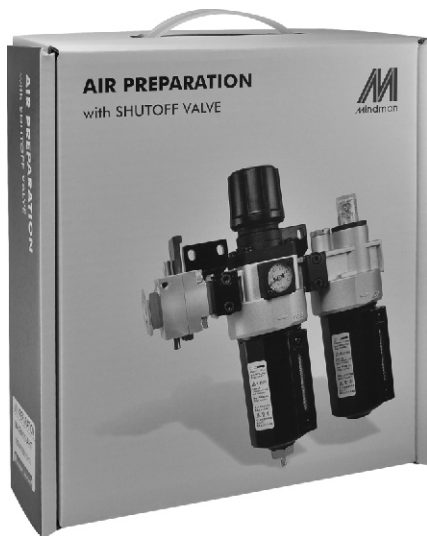
MPS Series  
pneumatic pressure switch



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# MACP401-HT with shutoff valve

AIR UNITS (F.R.L.UNIT)



## Order example

MACP401 – 8A – D – E1 – □ – HT – □

MODEL

BORE SIZE

8A: 1/4  
10A: 3/8  
15A: 1/2

PRESSURE SWITCH

E1: MP41P-02  
E2: MP41P-02-QD  
E3: MP41P-02-J  
E4: MP41P-02-QD-J  
E5: MP41P-04  
E6: MP41P-04-QD  
E7: MP41P-04-J  
E8: MP41P-04-QD-J

FILTER ELEMENT

Blank: 5  $\mu$ m  
40u: 40  $\mu$ m

PORT THREAD

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

SHUTOFF VALVE

HT: MVHT-400-3H

Blank: standard

C: external pressure gauge (PG-40)

D: auto drain valve (FMRF300)

H: high pressure type (Required with external pressure gauge PG-40)

P: pressure switch (MPS series)

※ Refer to page E-13 for the option of digital pressure switch MP41.

※ (H) High pressure type can not choose with auto drain valve (FMRF300) when operating pressure over than 1 MPa.

