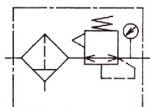


FR Series/U628

Standard type
Air Filter + Air Pressure Regulator

- Combination of filter and pressure regulator. Cost efficient and especially suitable for back-end machine with no lubrication need.
- Easy to use, convenient to repair.
- Diverse ways to discharge water: automatic drain, drainmaster, spring drain, manual water drain.

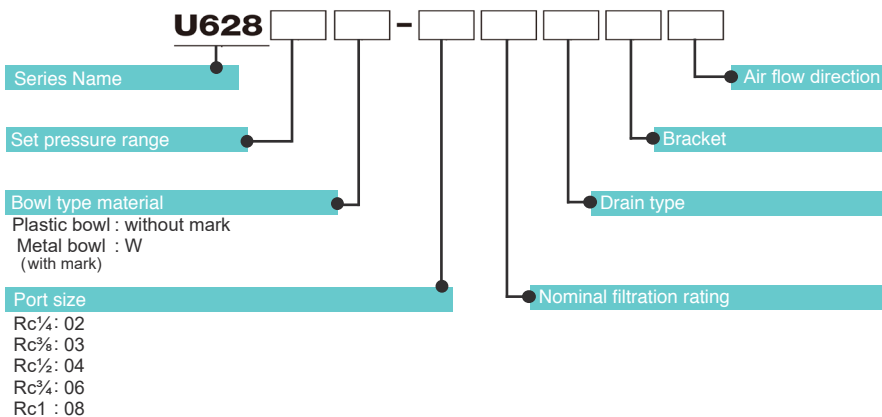
JIS Symbol



U628-03

Specifications

Model No.		Unit	U628-02, 03	U628-04	U628-06, 08
Port size			Rc¼, ¾	Rc½	Rc¾, 1
Maximum operating pressure	Platic bowl	MPa[kgf/cm ²]	1 (10)		—
	Metal bowl(with mark)	MPa[kgf/cm ²]	1.2 (12)		1.2 (12)
Proof pressure	Platic bowl	MPa[kgf/cm ²]	1.5 (15)		—
	Metal bowl(with mark)	MPa[kgf/cm ²]	1.8 (18)		1.8 (18)
Operating temperature range	Platic bowl	°C	5~50		—
	Metal bowl(with mark)	°C	5~65		5~65
Nominal filtration rating		μm	5 (standard)		
Capacity of filter bowl		cc	60	90	180
Set pressure range		MPa[kgf/cm ²]	0.02~0.75(0.2~7.5)		
Components	Air filter		F602-02, 03	F602-04	F602-06, 08
	Air pressure regulator		R119-02, 03	R119-04	R119-06, 08
Weight		kg	1.12	1.91	4.4



- When the mark on the bowl is omitted, with Port size of 02~04 the suggested bowl material is plastic bowl, and with Port size of 06~08 the suggested bowl material is metal bowl (with mark).
- Please refer to symbol specification table and option table.

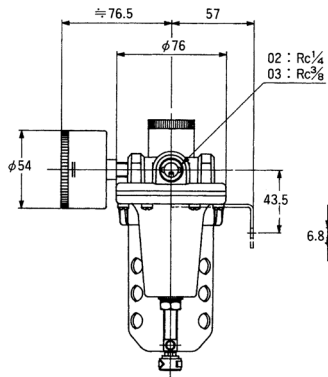
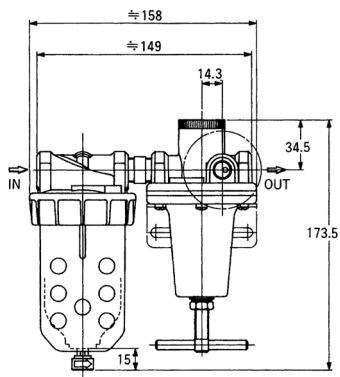
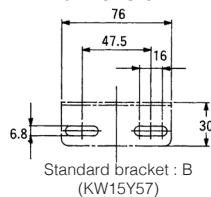
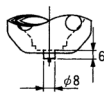
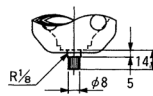
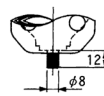
Option

Model No.		Mark	U628-02, 03, 04	U628W-02, 03, 04	U628W-06, 08
Bowl type material			Platic bowl	Metal bowl (with mark)	
Set pressure range	Standard pressure (0.02~0.75MPa)	Without mark	◎		◎
	Low pressure (0.01~0.4MPa)	L	○		—
Pressure relief mechanism	Pressure relief type	Without mark	◎		
Nominal filtration rating	5 μm	Without mark	◎		
	20 μm	N	○		
	40 μm	J	○		
Drain type	Manual	Without mark	◎	◎	
	Spring drain	Y	○	○	
	Automatic drain	M	○	○	
	Drainmaster	S	○	—	
Pressure gauge			Pressure gauge is a standard accessory		
Bracket	Standard	B	○		
Air flow direction	Left to Right	Without mark	◎		
	Right to Left	R	○		

◎ Standard ○ Option

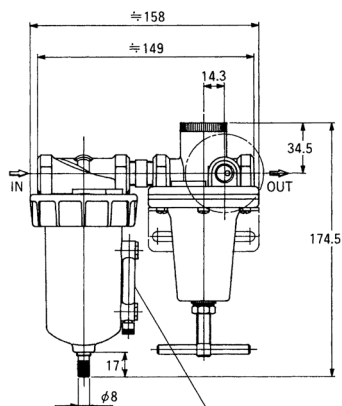
U628-02, 03

(Unit : mm)

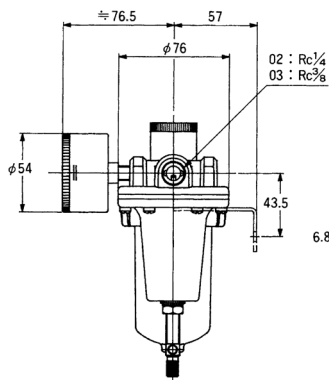
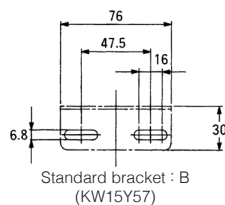
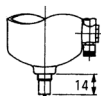
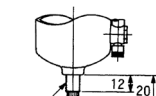
**Bracket dimension****Drain type**Spring drain : Y
(SA602Y)Automatic drain : M
(SA602MD)Drainmaster : S
(SA602SY)

U628W-02, 03

(Unit : mm)

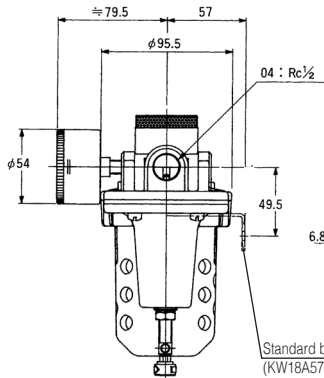
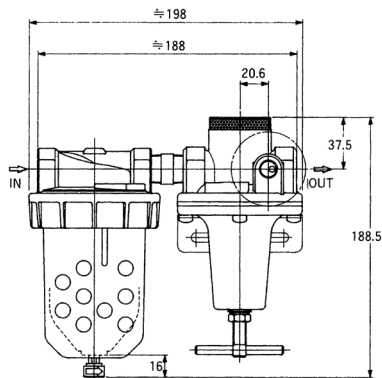


Calibration gauge

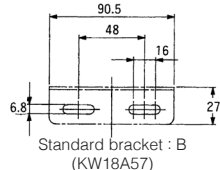
**Bracket dimension****Drain type**Spring drain : Y
(SA602Y)Automatic drain : M
(SA602MD)

U628-04

(Unit : mm)



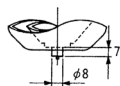
Bracket dimension



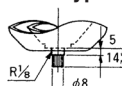
Standard bracket : B
(KW18A57)

Standard bracket : B
(KW18A57)

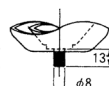
Drain type



Spring drain : Y
(SA602Y)



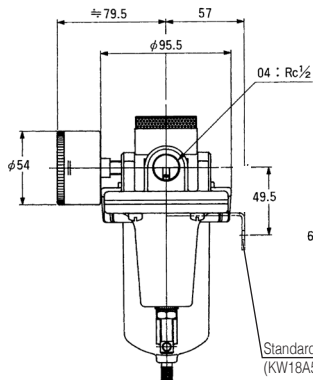
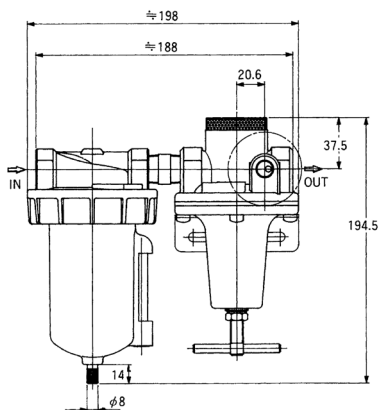
Automatic drain : M
(SA602MD)



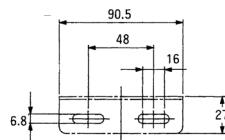
Drainmaster : S
(SA602SA)

U628W-04

(Unit : mm)



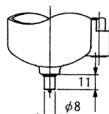
Bracket dimension



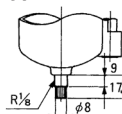
Standard bracket : B
(KW18A57)

Standard bracket : B
(KW18A57)

Drain type



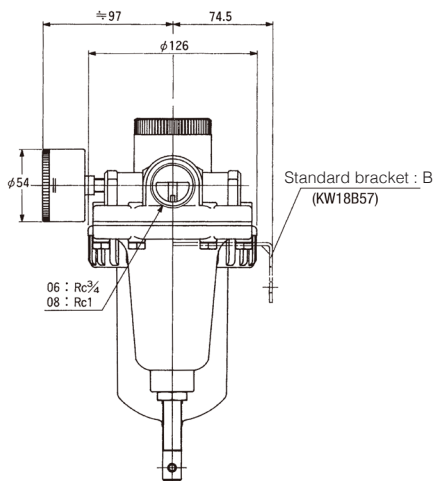
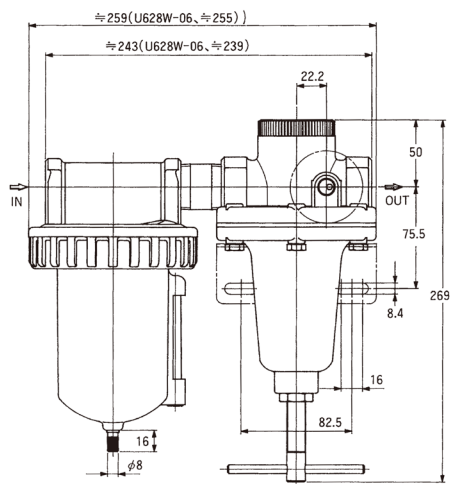
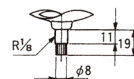
Spring drain : Y
(SA602Y)



Automatic drain : M
(SA602MD)

U628W-06, 08

(Unit : mm)

**Drain type**Spring drain : Y
(SA602Y)Automatic drain : M
(SA602MD)