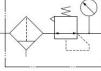
FILTER REGULATORS

FR150, FR300, FR600

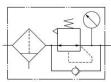
- ullet A 5 μ m air filter and a small regulator are combined into a compact body.
- Pressure gauge with preset marker is standard equipment.
- ■Model for low pressure and model with built-in check mechanism also incorporated into the series.
- Drain cock with fitting, and auto drain type drain cock, are optional.

Specifications

Symbols



Standard typeLow pressure type



●Built-in check mechanism type

	Standard type	FR150	FR300	FR600
	ow pressure type	FR151	FR301	FR601
	uilt-in check mechanism type	FR152	FR302	FR602
Media		Air		
Port size Rc		1/8, 1/4	1/4, 3/8	1/4, 3/8, 1/2
Filtration rating μ m		5		
Pressure setting rang	e Standard and built-in check mechanism types	0.05~0.83 [7~120]		
MPa [ps	Low pressure type	0.05~0.25 [7~36]		
Maximum operating pressure MPa [psi.]		0.93 [135]		
Proof pressure MPa [psi.]		1.47 [213]		
Operating temperature range (atmosphere and media) °C [*F]		5~60 [41~140]		
Drain capacity	cc [in:3]	15 [0.92]	55 [3.36]	90 [5.49]
Mass (with pressure gauge) kg [lb]	Standard	0.28 [0.62] (0.29 [0.64]) ^{Note}	0.46 [1.01]	0.60 [1.32]
	Auto drain type	-	0.49 [1.08]	0.64 [1.41]
Materials	Body	Aluminum die-casting	Zinc die-casting	Aluminum die-casting
	Bowl	Polycarbonate		
Standard attachments	Standard and built-in check mechanism types	Bracket, push type drain cock Bracket, screw type drain cock, bowl guard		
		Pressure gauge G1-40 (φ 40×1MPa [145psi.])		
	Low pressure type	Bracket, push type drain cock	Bracket, screw type drain cock, bowl guard	
		Pressure gauge G3-40 (φ 40×0.3MPa [44psi.])		

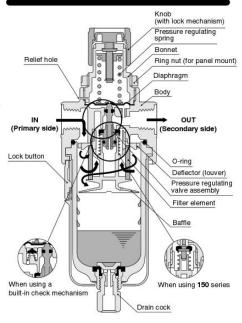
Note: Figure in parentheses () shows mass with bowl guard.

Order Codes

FR Pressure gauge specification Non-ion specification Standard specification^N Blank -Standard specification 1MPa [145psi.] NCU Non-ion specification G3 Low pressure specification Note 3 0.3MPa [44psi.] (Standard for low pressure Port size Rc Body type) model 1/8 1/4 3/8 1/2 150 01 02 02 03 Standard type 300 600 02 03 04 151 01 02 Low pressure type 601 02 03 04 152 01 02 Built-in check 302 02 03 Drain cock specification mechanism -Push or screw type drain 02 03 04 type 602 cock Drain cock with fittingNote 2 Filter regulator (Standard for auto drain Bowl guard Note 1 type) Blank — No bowl guard Auto drain type drain cock With bowl guard (Not available for C150)

Notes: 1. For FR150 only. Standard for all models other than FR150.
2. Available only for FR150 with +BG (bowl guard).
3. For the specifications and dimensions for the pressure gauge, and pressure gauge with electronic switches, see p.172 and 177 ~ 181.

Inner Construction



Remarks: For the optional drain cock, see p.98. For the auto drain type, see p.73. For the check mechanism function, see p.74.