

Preparation unit——GA Series

GA Series Reverse Flow valve



Product feature

1. This reverse flow valve can not be used individually, only can be used with GA series regulator.
2. When it is used with GA series regulator, one only needs to change the seal board in the back of regulator for the reverse flow valve. It is convenient to install and won't change the external dimension of regulator.

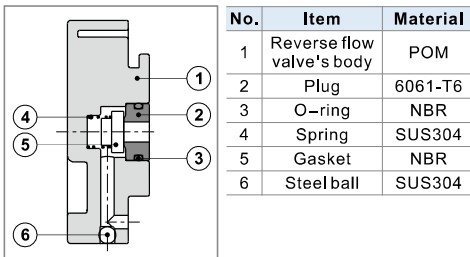
Applicable products

Reflux valve type\Applicable products's type	GA F.R.L Comtination	GA FR.L Comtination	GA Filter & regulator	GA Regulator
GAR200-P1	GAC200	GAFC200	GAFR200	GAR200
GAR300-P1	GAC300,400,500,600	GAFC300,400,500,600	GAFR300,400,500,600	GAR300,400,500,600

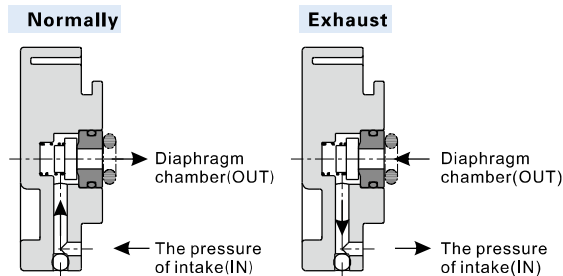
Ordering code

When GA series regulator is assembled with the reverse flow valve, the valve can be ordered together with the standard product. What needs to do is to add "-K" to the end of the ordering code of the standard product. Please refer to relevant content for more detailed order method.

Inner structure



Working principle

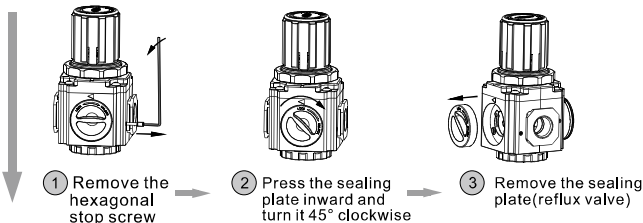


Normally, as the pressure of intake (IN) is higher than the set valve (pressure of outlet), the reverse flow valve closed; if the pressure of intake (IN) is cut off and starts exhaust, reverse flow valve opens. The pressure of diaphragm chamber is exhausted from IN orifice. At this moment, the pressure of diaphragm chamber decreases and the diaphragm is pressed down by the force from adjusting spring to open valve. The pressure from outlet is exhausted from IN port.

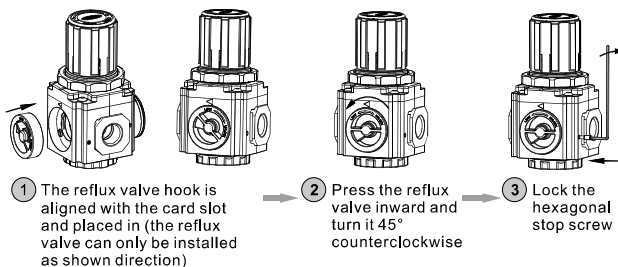
Example for assemble the reflux valve

1. Reflux valve installation steps:

a Disassembly sealing plate

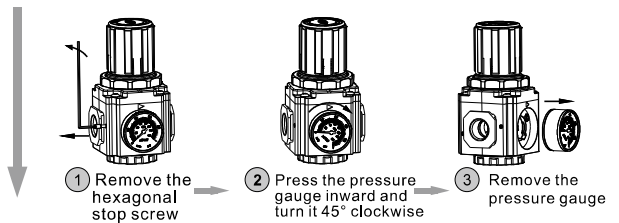


b Reflux valve installation

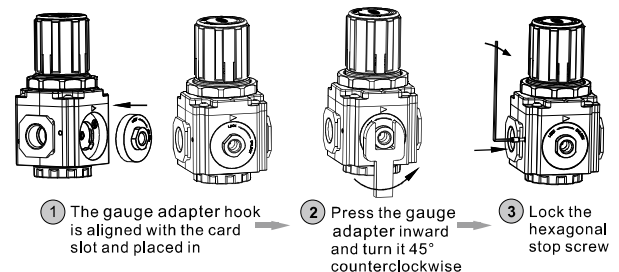


2. Gauge adapter (used when no pressure gauge is attached) Installation steps:

a Disassembly pressure gauge



b Gauge adapter installation



Preparation unit—GT Series(Short PC bowl type)

GTC, GTFC, GTFR, GTF, GTL Series



Product feature

1. GT series is the shorter PC bowl version of GA200 series. Besides from the feature of GA200, GT series also has the below features.
2. drain bowl and oil bowl are shorter than GA200, which is suitable for restricted space installation.
3. No Auto drain available.
Drain type is semi-auto drain+manual drain.

Ordering code

GTC200 08 S ☐ W G K
 GTFC200 08 S ☐ W G K
 GTFR200 08 S ☐ ☐ W G K

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Model	② Port size	③ Type code	④ Accessories	⑤ Pressure gauge	⑥ Filtering grade	⑦ Thread type	⑧ Code of reflux valve
GTC200: GT200 Series F.R.L unit (Short PC bowl)	06: 1/8" 08: 1/4"	S: Standard L: Lower pressure [Note1]	No this code	Blank: Circular N: No gauge [Note2]	Blank: 40 μm W: 5 μm	G: G Thread (bar/MPa)	Blank: No reverse flow valve is attached K: Reverse flow valve is attached [Note2]
GTFC200: GT200 Series FR.L unit (Short PC bowl)							
GTFR200: GT200 Series Filter & regulator (Short PC bowl)			Blank: Bracket J: No bracket				

[Note1] The work pressure of lower pressure type is 0.15~0.4MPa(20~58psi) ; [Note2] Please refer to page 250 for details of sealing plate Installation and reflux valve.

GTF200 08 ☐ W G

① ② ③ ④ ⑤

① Model	② Port size	③ Accessories	④ Filtering grade	⑤ Thread type
GTF200: GT200 Series Filter (Short PC bowl)	06: 1/8" 08: 1/4"	Blank: Bracket J: No bracket	Blank: 40 μm W: 5 μm	G: G Thread

GTL200 08 ☐ G

① ② ③ ④

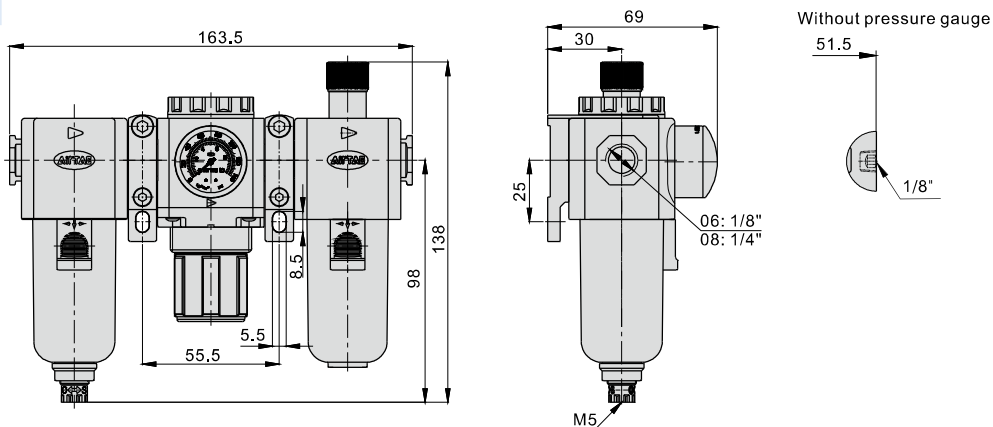
① Model	② Port size	③ Accessories	④ Thread type
GTL200: GT200GA200 Series Lubricator (Short PC bowl)	06: 1/8" 08: 1/4"	Blank: Bracket J: No bracket	G: G Thread

Preparation unit—GT Series(Short PC bowl type)

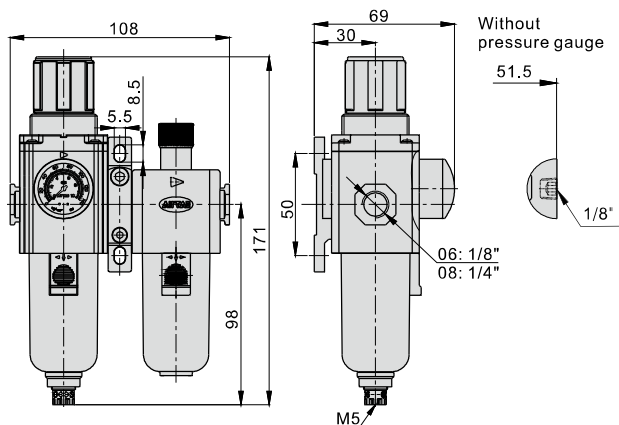
GTC, GTFC, GTFR, GTF, GTL Series

Dimensions

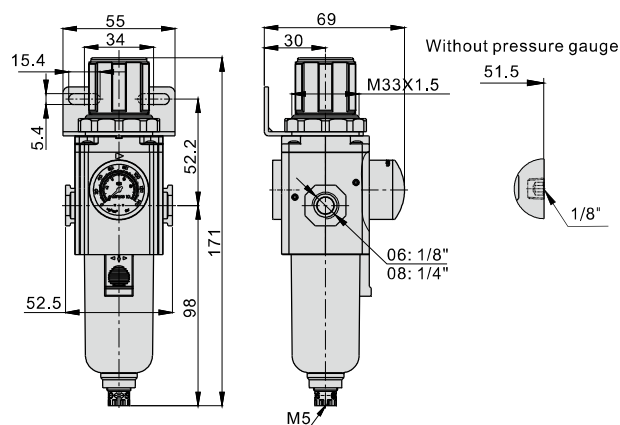
GTC200



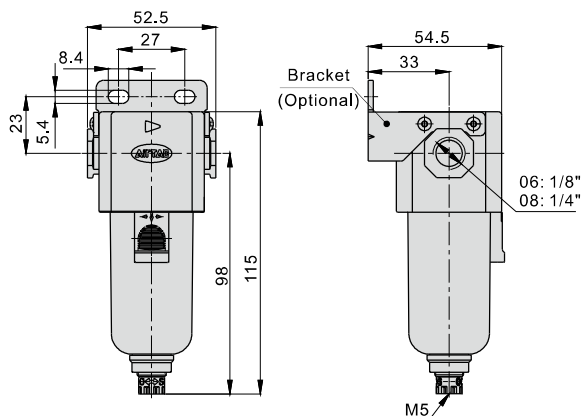
GTFC200



GTFR200



GTF200



GTL200

