

GFR Series

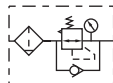


Symbol

No reflux valve is attached



Reflux valve is attached



Product feature

1. Embedded square pressure gauge is used to save installation space. (External circular pressure gauge is also optional).
2. The pressed-in self-locking mechanism can prevent the abnormal movement of the set pressure caused by external interfere.
3. Balanced design is adopted for the pressure adjustment mechanism.
4. In addition to standard type, lower pressure type is optional (The highest adjustable pressure is 0.4MPa).
5. Unique diversion structure spins the air flowing through to effectively separate the liquid from the air and reliably filter the solid grain.
6. The filtering grade includes 5 μ m and 40 μ m (optional).
7. Three drain types are available: manual drain, semi-auto drain and automatic drain.
8. The bracket can be selected for installation.

Specification

Model	GFR200-06	GFR200-08	GFR300-08	GFR300-10	GFR300-15	GFR400-10	GFR400-15	GFR600-20	GFR600-25
Fluid	Air								
Port size	1/8"	1/4"	1/4"	3/8"	1/2"	3/8"	1/2"	3/4"	1"
Filtering grade	40 μ m or 5 μ m								
Pressure range	Semi-auto and automatic drain: 0.15~0.9MPa(20~130psi); Manual drain: 0.05~0.9MPa(7~130psi)								
Max. pressure	1.0MPa(145psi)								
Proof pressure	1.5MPa(215psi)								
Temperature range	-5~70°C								
Capacity of drain bowl	10CC		40CC		80CC		230CC		
Weight	220g		500g		1030g		2400g		

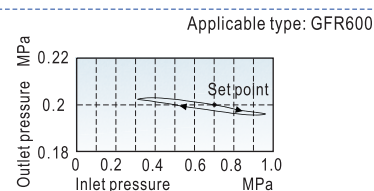
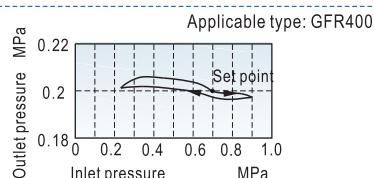
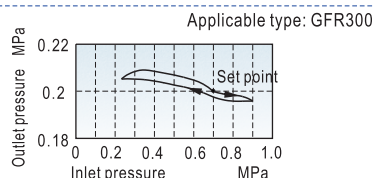
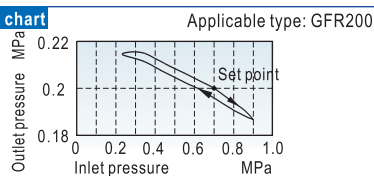
① PT thread, NPT thread and G thread are available.

Ordering code

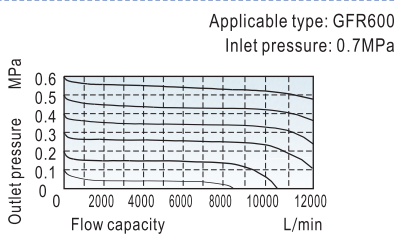
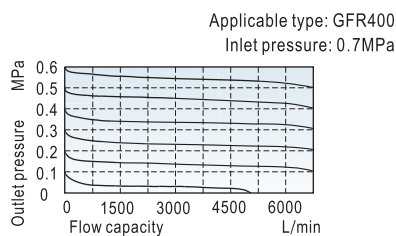
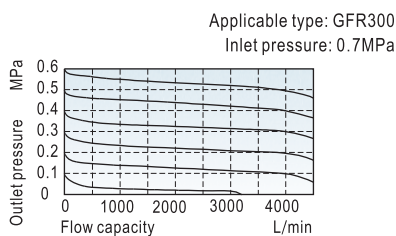
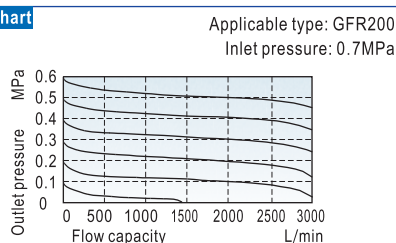
GFR Series

Pressure and feature of flow

Pressure chart



Flow chart



Selection of drain mode

GFR200		GFR300\GFR400\GFR600		
Manual drain	Semi-auto drain	Manual drain	Semi-auto drain	Automatic drain
PU tube with an inner diameter of $\Phi 5$ or $\Phi 5.5$ mm is recommended		GFR300: 1/8" GFR400, GFR600: 1/4"	GFR300: 1/8" GFR400, GFR600: 1/4"	GFR300: 1/8" GFR400, GFR600: 1/4"

Dimensions

GFR200

GFR600

GFR300/GFR400

Model\Item	A	AB	AC	B	BA	BC	C	D
GFR300-08	60	53	38	72	41	31	225.5	M40x1.5
GFR300-10	60	53	38	72	41	31	225.5	M40x1.5
GFR300-15	60	53	38	72	41	31	225.5	M40x1.5
GFR400-10	80	72	52	90	50	40	270.5	M55x2.0
GFR400-15	80	72	52	90	50	40	270.5	M55x2.0

Model\Item	K	KA	KB	KC	P	PA	Q
GFR300-08	6.5	40	8	46	1/4"	143	1/8"
GFR300-10	6.5	40	8	46	3/8"	143	1/8"
GFR300-15	6.5	40	8	46	1/2"	143	1/8"
GFR400-10	8.5	52	11	53	3/8"	166.5	1/4"
GFR400-15	8.5	52	11	53	1/2"	166.5	1/4"

Regulating way

The use of GFR series regulators is the same as the SDR series, please refer to Page 162 for details.



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