

UFR series Filter Regulator

Feature/ Specification/ Code of order

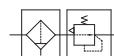
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Feature

- Regulating and filtering functions.
- Modulization with U series.
- Auto drain in option for small space or not easy to disassemble.



Symbol :



Specification

Item	Model	UFR 200	UFR 300	UFR 400
Port size	Rc	1/8, 1/4	1/4, 3/8	1/4, 3/8, 1/2
Fluid		Air		
Filter grade	μm	5		
Pressure range	kgf/cm ² (kPa)	0.5 ~ 8.5 (50 ~ 850)		
Max. service pressure	kgf/cm ² (kPa)	10 (1000)		
Ambient and fluid temperature	℃	5 ~ 60		
Bowl capacity	cc	25	40	80
Weight	kg	0.18	0.77	1.3
Material	Body	Aluminum alloy die-casting		
	Bowl	Relieving type		

Code of Order **UFR 400 - 03 - G - MG - W - P**

— 1 — 2 — 3 — 4 — 5 — 6 —

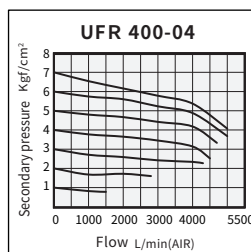
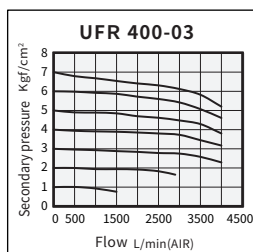
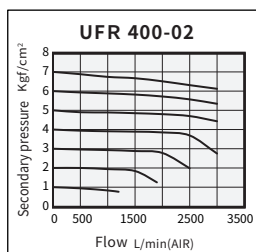
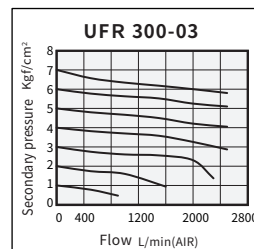
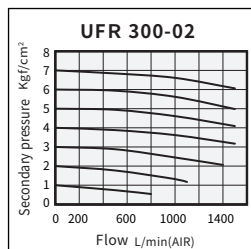
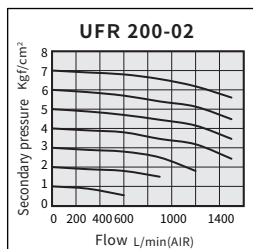
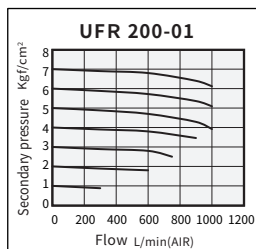
		Mark	Specification	Model		
				UFR 200	UFR 300	UFR 400
1	Connection port	01	1/8	●		
		02	1/4	●	●	●
		03	3/8		●	●
		04	1/2			●
3	Thread type	None	RC	●	●	●
		G	PF	●	●	●
		N	NPT	●	●	●
4	Bowl material	None	PC cup	●	●	●
		MG	Metal cup	●	●	●
5	Drain cock type	W	Manual drain cock	●	●	●
		A	Auto drain	●	●	●
6	Pressure gauge	None	Square pressure gauge	●	●	●
		P	PG-10A	●	●	●
		E	PSN 41 Pressure swtich	●	●	●

UFR series Filter Regulator

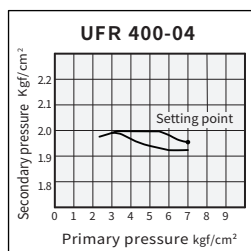
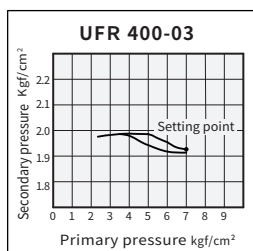
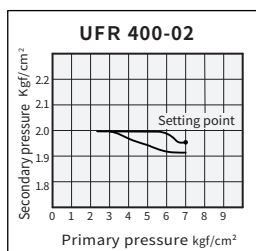
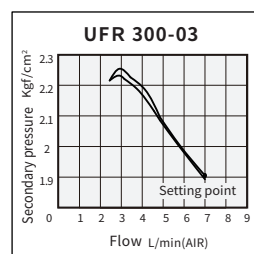
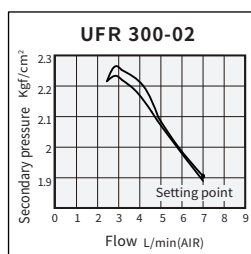
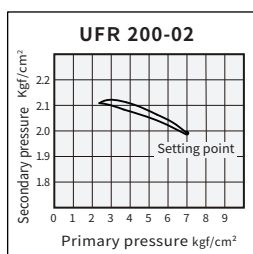
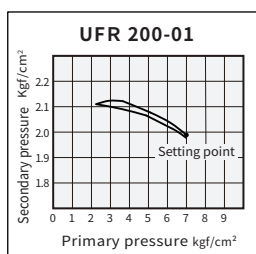
Flow rate characteristic graph/ Pressure characteristics graph

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Flow rate characteristic graph



Pressure characteristics graph



UC

UFC

UFR

UF

UFM

UR

UL

PN300D

UHS

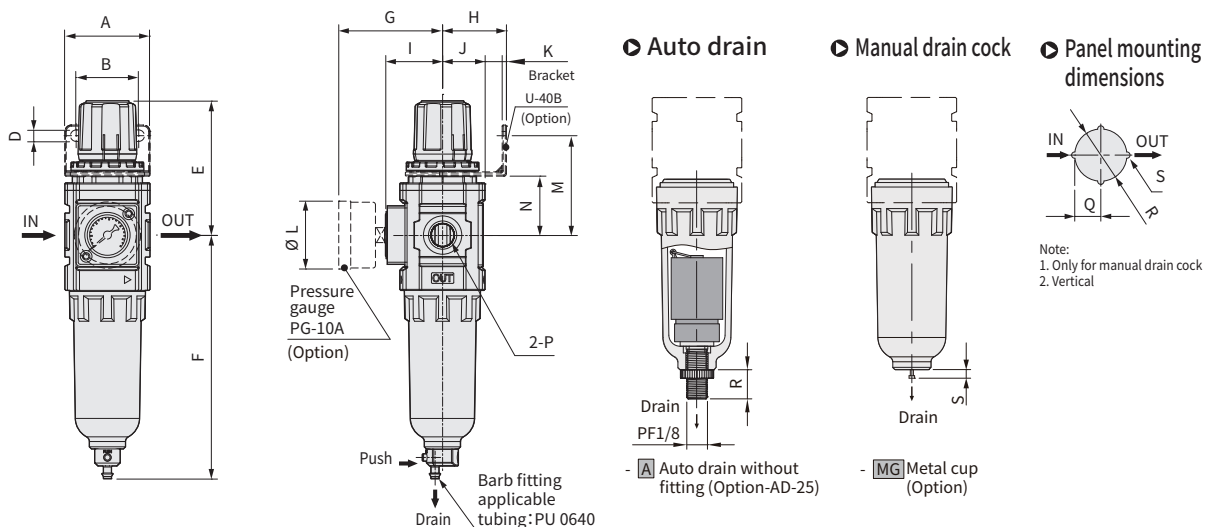
UV

UFR series Filter Regulator

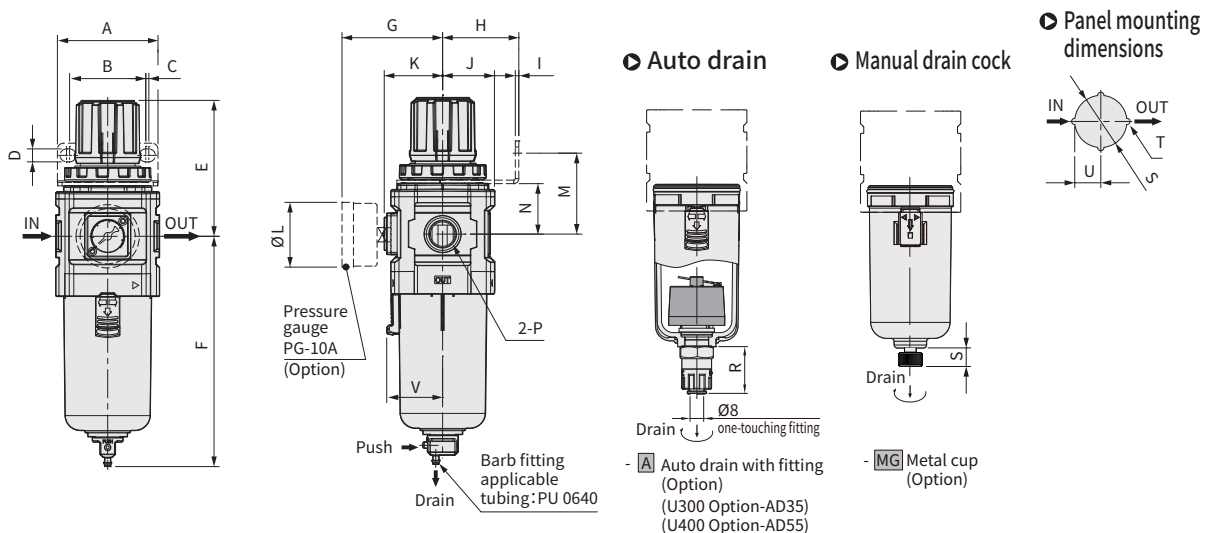
External dimensions

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UFR 200 - W Standard



UFR 300 ~ 400 - W Standard



Unit:mm

No.	Size														Square pressure gauge	Pressure switch	Panel mounting dimensions			Auto drain	Manual drain cock	Female thread
Model	A	B	C	D	E	F	G	H	I	J	ØL	M	N	V	K	K	U	ØS	ØT	R	S	P
UFR 200	39.9	29.4		5.4	66.1	114.5	54.4	30	2	20	42.5	46.7	27.7		26.7	40.2	14.2	28.8	1.8	13	3	1/8, 1/4
UFR 300	54	29.5	6.5	6.5	77.6	137.1	58.7	44.1	2	26	42.5	47.4	30	30.4	31	44.5	18	36.5	4.3	34.5	12.6	1/4, 3/8
UFR 400	66	50	2	8.5	89.2	151.1	66	50	2.3	34	42.5	53.1	33.1	36.7	38.3	51.8	22.5	45.5	6	34.5	12.6	1/4, 3/8, 1/2