

Filter and pressure regulator combine a single unit ,and cleans the compressed air of fluid oil,condensation and dirt particles.For special application,the standard 40µm filter element may easily be replaced by a 5 µm filter element.
The OR maintain imputting constant operating pressure despite fluctua-tion in line pressure and the amount of air consumed.

Basic function		OFR	-	1/4	-		-		-		-	MINI	-	
OFR	Filter regulator													
Connection		1/8	G1/8	1/4	G1/4	3/8	G3/8	1/2	G1/2	3/4	G3/4	1	G1	
Pressure regulation range			0.5...12bar	7	0.5...7bar									
Grade of Filtration			40µm	5M	5µm									
Pressure gauge			With pressure gauge	0	Without pressure gauge									
Size		MINI	MINI	MIDI	MIDI	MAXI	MAXI							
Condensate drain			Turned manually	S	Semi-automatic	A	Fully automatic							

General technical data									
Size		MINI			MIDI			MAXI	
Medium		Compressed air							
Features of structure		Sintered filter with water separator ; MINI/MIDI : Diaphragm type regulator ; MAXI : Piston regulator							
Mounting type		Pipe mounting or foot mounting							
Assembly position		Vertical±5°							
Connection		G1/8	G1/4	G3/8	G3/8	G1/2	G3/4	G3/4	G1
Standard nominal flow rate	OFR-... (-A)	750	1400	1600	3100	3400	3400	9700	10000
	OFR-...-7- (-A)	900	1500	1700	3400	3900	4000	10000	11000
	OFR-...-5M- (-A)	650	1200	1350	2400	2500	2600	7600	8000
Primary pressure	Manual condensate drain	1~16bar							
	Automatic condensate drain	1.5~12bar							
Working pressure		0.5~12bar / 0.5~7bar							
Grade of filtration		40µm / 5µm							
Max.condensate capacity		22ml			43ml			80ml	
Temperature range		0~60℃							
Materials information		Housing : Zinc die-casting ; Filter bowl : PC ; Metal bowl guard : Aluminium alloy ; Sealing : NBR ; Adjusting knob : POM							

Dimensions

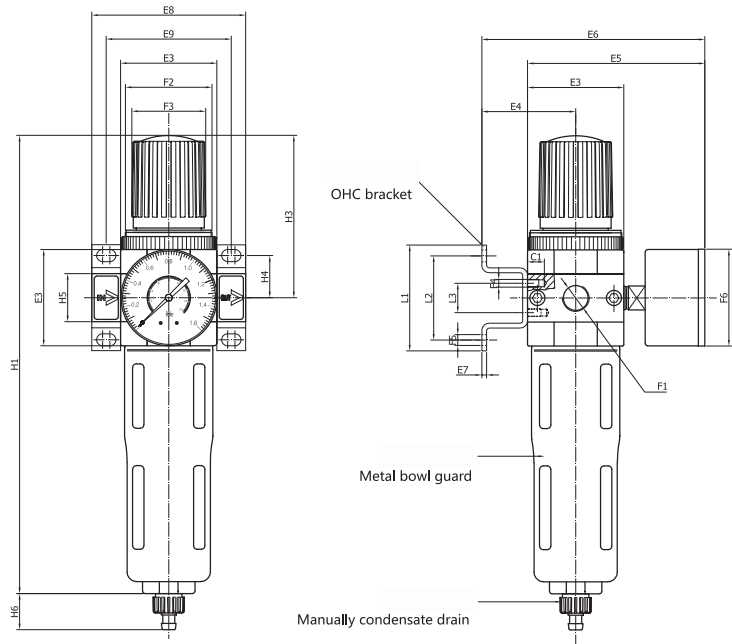
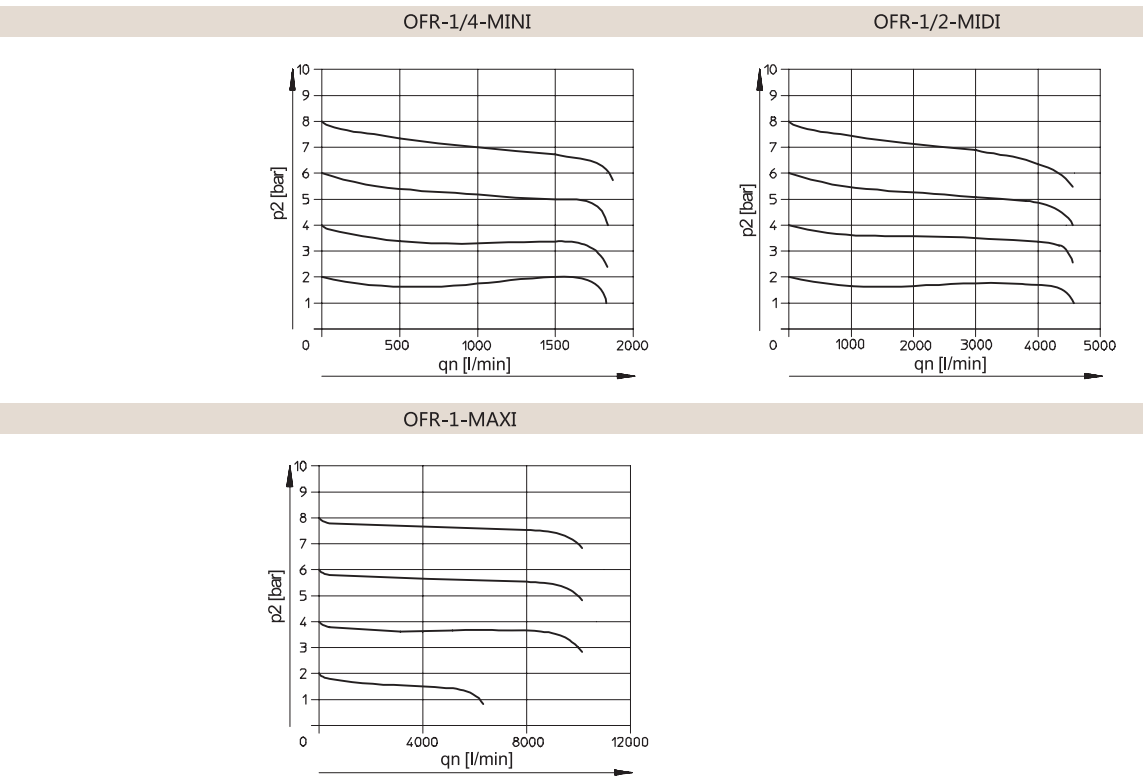


Table with 20 columns: Model, E3, E4, E5, E6, E8, E9, F1, F2, F3Ø, F4, F5Ø, F6Ø, L1, L2, L3, H1, H3, H4, H5, H6. Rows include OFR-...-MINI, OFR-...-MIDI, and OFR-...-MAXI models with their respective dimensions.

Standard flow rate qn as a function of the output pressure p2



*Primary pressure: p1=10 bar

Inner structure

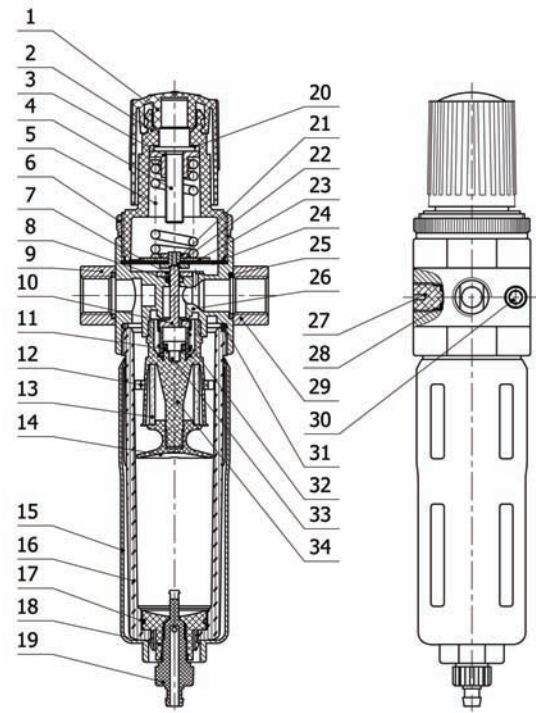


Table with 6 columns: NO., Item, Material, NO., Item, Material. It lists 34 components of the filter regulator, including the pressure knob, regulator cap, nut, spindle, spring, rings, membrane, O-rings, flanges, spool, impeller, filter element, manger, bowl guard, bowl, inner joint, drain, and wearing sheet, along with their respective materials.