

RWF - Régulateur de pression pour eau potable - Racc. à brides - 40 -> 0.8 à 20 bar

RWF - Drinking water Pressure Regulator - Flanged

Description Regulator independent of inlet pressure, made of gunmetal, with strainer of stainless steel. Regulators up to 10 bar outlet pressure equipped with diaphragm, all others are piston-operated. particularly all regulators RWF-..C with pressure range 1.5 ...6 bar.

Drinking water Media preferably water or drinking water, but also compressed air, neutral liquids and non-corrosive gases. It has to be considered that these regulators are non-relieving.

Pressure difference 1 bar, between inlet and outlet pressure

Gauge port G1/4 on both sides of the body for outlet pressure, ports are closed with screw plugs.

Mounting position any, preferably vertical

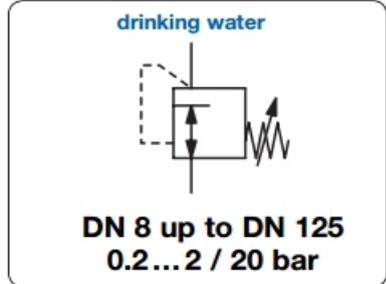
ATEX according to ATEX94/9EG, EN1127, EN13463 for zone 1, 2, 21 and 22

PED according to EU directives DGRL/PED for liquids and gases of group 2

Flanges according to DIN 1092. length according to DIN558-1

Temperature range 0 °C to 80 °C / 32 °F to 176 °F

Material see opposite page



Dimensions				Flow rate	Kvs	Nominal	Pressure		Order
A	B	C	D	recommended	value	size	inlet	outlet	number
mm	mm	mm	mm	(m³/h)*1	(m³/h)	DN	max. bar	bar	

Pressure regulator with flange							gunmetal, NBR/Buna N, w/o gauge drinking water: RWF-..C	RWF											
130	178	48	80	0.2	0.5	DN 8	25	0.8 ... 8	RWF-02D										
							40	1.5 ... 20	RWF-02G										
							0.2	0.5	DN 10	25	0.8 ... 8	RWF-03D							
										40	1.5 ... 20	RWF-03G							
										130	175	48	95	1.3	2.9	DN 15	16	0.2 ... 2	RWF-04A
																	25	0.5 ... 4	RWF-04B
									1.5 ... 6	RWF-04C									
									1.5 ... 10	RWF-04E									
									1.5 ... 12	RWF-04F									
									2.0 ... 20	RWF-04G									
150	183	53	105	2.3	3.9	DN 20	16	0.2 ... 2	RWF-06A										
							25	0.5 ... 4	RWF-06B										
							1.5 ... 6	RWF-06C											
									1.5 ... 10	RWF-06E									
									1.5 ... 12	RWF-06F									
									2.0 ... 20	RWF-06G									
160	185	58	115	3.6	5.4	DN 25	16	0.2 ... 2	RWF-08A										
							25	0.5 ... 4	RWF-08B										
							1.5 ... 6	RWF-08C											
									1.5 ... 10	RWF-08E									
									1.5 ... 12	RWF-08F									
									2.0 ... 20	RWF-08G									
180	197	70	140	5.8	6.1	DN 32	16	0.2 ... 2	RWF-10A										
							25	0.5 ... 4	RWF-10B										
							1.5 ... 6	RWF-10C											
									1.5 ... 10	RWF-10E									
									1.5 ... 12	RWF-10F									
									2.0 ... 20	RWF-10G									
200	386	75	150	9.0	9.0	DN 40	16	0.2 ... 2	RWF-12A										
							25	0.5 ... 4	RWF-12B										
							1.5 ... 6	RWF-12C											
									1.5 ... 10	RWF-12E									
									1.5 ... 12	RWF-12F									
									2.0 ... 20	RWF-12G									



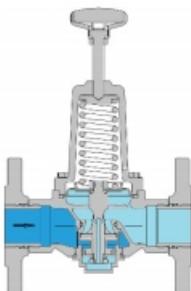
RWF-02...08D / G



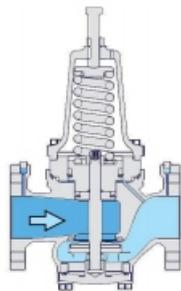
RWF-..10...16G



RWF-24A
accessories: pressure gauge



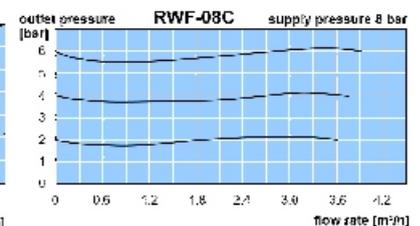
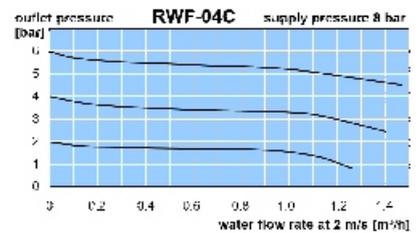
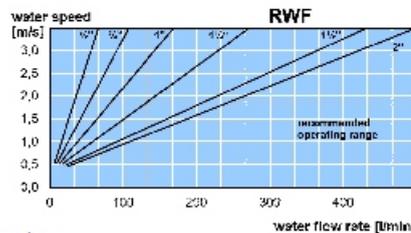
pressure regulator
diaphragm-operated



pressure regulator
piston-operated

*1 at 2 m/s water speed

*2 for compressed air the flow is 70 times greater

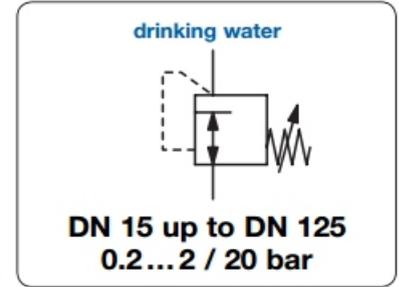


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RWF - Drinking water Pressure Regulator - Flanged

		Material						
Regulator	RW	RWF-..A	RWF-..B	RWF-..C	RWF-..E	RWF-..F	RWF-..G	
Nominal size	DN	DN 8-10	DN 15-80	DN 15-125	DN 15-125	DN 15-125	DN 8-80	
Body	all	gunmetal CnSn5Zn5Pb2-C-GS / CC499K (Rg5)						
Spring cage	< DN 32	Ms (< DN 25)	PA	Ms	PA	Ms	Ms (< DN 25)	
	> DN 40	-	Rg			GG	GG (> DN 32)	
Seals	all	NBR/Buna-N						
Diaphragm	< DN 25	CR		NBR/Buna-N			piston / NBR/Buna-N	
	> DN 32			NBR/Buna-N			piston / NBR/Buna-N	
Inner valve	< DN 32	Ms		Ms, SS, Ho			Ms, SS, Ho (< DN 25 Ms)	
	> DN 40	-		Ms, SS			Ms, SS	
Reg. assembly	< DN 32			cartridge			valve seat	
removable	> DN 40			valve seat				

Legend: Ms: brass SS: stainless steel Rg: gunmetal GG: grey cast iron Ho: Hostaform C CR: chloroprene rubber, NBR/Buna-N: nitrile rubber



Dimensions		Flow rate		Kvs-value	Nominal size	Pressure		Order number
A	B	C	D			recommended	inlet	
mm	mm	mm	mm	(m³/h)*1	DN	max. bar	bar	

Pressure regulator with flange					gunmetal, NBR/Buna N, w/o gauge drinking water: RWF-..C		RWF		
230	394	83	165	14	13	DN 50	16	0.2 ... 2	RWF-16A
324							25	0.5 ... 4	RWF-16B
324								1.5 ... 6	RWF-16C
396								1.5 ... 10	RWF-16E
384								1.5 ... 12	RWF-16F
411								2.0 ... 20	RWF-16G
290	420	93	185	24	20	DN 65	16	0.2 ... 2	RWF-20A
349							25	0.5 ... 4	RWF-20B
349								1.5 ... 6	RWF-20C
418								1.5 ... 10	RWF-20E
411								1.5 ... 12	RWF-20F
429								2.0 ... 20	RWF-20G
310	427	100	200	26	24	DN 80	16	0.2 ... 2	RWF-24A
	518	136		60	60			0.5 ... 4	RWF-24B
	356	100		26	24			1.5 ... 6	RWF-24C
	518	136		60	60			1.5 ... 6	RWF-25C
	521			60	60			3.0 ... 10	RWF-24E
	545			60	60		25	4.0 ... 12	RWF-24F
	436			24	24		25	2.0 ... 20	RWF-24G
350	540	140	200	80	80	DN 100	16	0.5 ... 4	RWF-32B
	540							1.5 ... 6	RWF-32C
	542							3.0 ... 10	RWF-32E
	600	135						4.0 ... 12	RWF-32F
400	730	165	270	130	130	DN 125	16	0.5 ... 4	RWF-40B
	540							1.5 ... 6	RWF-40C
	542							3.0 ... 10	RWF-40E



RWF-.. 24B / C / E
accessories: pressure gauge



RWF-..12...16F / G
accessories: pressure gauge



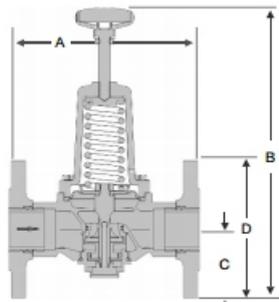
RWF-24F
accessories: pressure gauge

Special options, add the appropriate letter

elastomer	EPDM: E	PTFE: P	CR: C	FKM: V	RWF-.. . V
flange connection	ANSI				RWF-.. . F2
for different media	warm-, hot-, and see water, acids, bases, oil, petrol glue, food, foam, gases etc.				RWF-.. . X

Accessories

pressure gauge Ø 63 mm, vertical 0...*2 bar, G¼ **MT6302-..*2**



*1 at 2 m/s water speed *2 for compressed air the flow is 70 times greater
*3 02 = 0...2 bar, 04 = 0...4 bar, 06 = 0...6 bar, 10 = 0...10 bar, 16 = 0...16 bar, 25 = 0...25 bar

