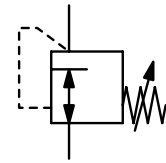


Description	Regulator independent of inlet pressure, made of gunmetal, with strainer of stainless steel. Regulators up to 10 bar outlet pressure equipped with diaphragm, all others are piston-operated.
Drinking water	particularity all regulators RWF-...C with pressure range 1.5 ... 6 bar.
Media	preferably 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	G¼ on both sides of the body for outlet pressure, ports are closed with screw plugs.
Mounting position	any, preferably vertical
ATEX	according to ATEX2014/34/EU, 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

drinking water



DN8 up to DN125
0.2 ... 2/20 bar

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



Pressure regulator with flange

gunmetal, NBR/Buna N, w/o gauge
drinking water: RWF-...C

RWF

130	178	48	80	0.2	0.5	DN8	25	0.8 ... 8	RWF-02D
							40	1.5 ... 20	RWF-02G
				0.2	0.5	DN10	25	0.8 ... 8	RWF-03D
							40	1.5 ... 20	RWF-03G
130	175	48	95	1.3	2.9	DN15	16	0.2 ... 2	RWF-04A
	187						25	0.5 ... 4	RWF-04B
	189							1.5 ... 6	RWF-04C
	174							1.5 ... 10	RWF-04E
	178							1.5 ... 12	RWF-04F
	254							2.0 ... 20	RWF-04G
150	183	53	105	2.3	3.9	DN20	16	0.2 ... 2	RWF-06A
	193						25	0.5 ... 4	RWF-06B
	195							1.5 ... 6	RWF-06C
	190							1.5 ... 10	RWF-06E
	203							1.5 ... 12	RWF-06F
	263							2.0 ... 20	RWF-06G
160	185	58	115	3.6	5.4	DN25	16	0.2 ... 2	RWF-08A
	197						25	0.5 ... 4	RWF-08B
	199							1.5 ... 6	RWF-08C
	194							1.5 ... 10	RWF-08E
	213							1.5 ... 12	RWF-08F
	264							2.0 ... 20	RWF-08G
180	197	70	140	5.8	6.1	DN32	16	0.2 ... 2	RWF-10A
	210						25	0.5 ... 4	RWF-10B
	210							1.5 ... 6	RWF-10C
	205							1.5 ... 10	RWF-10E
	223							1.5 ... 12	RWF-10F
	275							2.0 ... 20	RWF-10G
200	386	75	150	9.0	9.0	DN40	16	0.2 ... 2	RWF-12A
	316						25	0.5 ... 4	RWF-12B
	316							1.5 ... 6	RWF-12C
	388							1.5 ... 10	RWF-12E
	377							1.5 ... 12	RWF-12F
	401							2.0 ... 20	RWF-12G



DN8-25

RWF-02...-08D/G



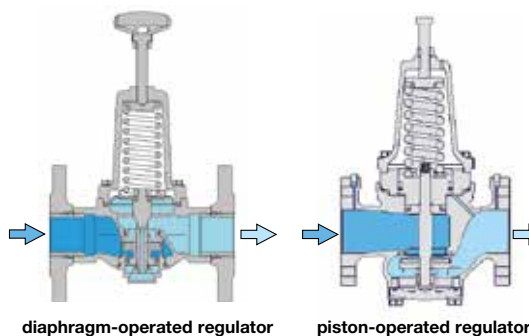
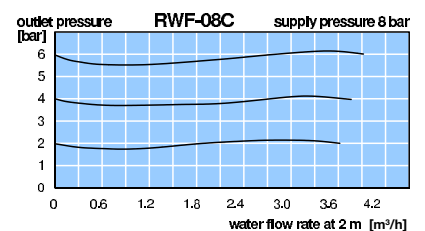
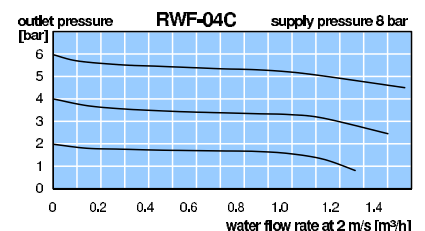
DN32-50

RWF-10...-16G



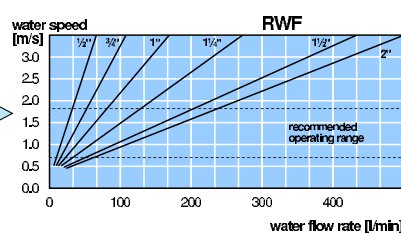
DN80

RWF-24A
accessories: pressure gauge



diaphragm-operated regulator

piston-operated regulator



*1 at 2 m/s water speed

* for compressed air the flow is 70 times greater

* Product group

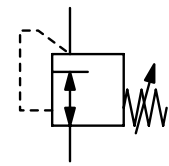
PDF CAD
www.aircom.net



Order example:
RWF-02D

Material								
Regulator	RW	RWF-...A		RWF-...B	RWF-...C	RWF-...E	RWF-...F	RWF-...G
Nominal size	DN	DN8-10	DN15-80	DN15-125	DN15-125	DN15-125	DN15-100	DN8-80
Body	all	gunmetal CnSn5Zn5Pb2-C-GS / CC499K (Rg5)						
Spring cage	< DN32 > DN40	Ms (< DN25) -	PA Rg	Ms	PA	Ms	Ms (< DN25) GG (> DN32)	
Seals	all	NBR/Buna-N						
Diaphragm	< DN25 > DN32	CR	NBR/Buna-N				piston / NBR/Buna-N piston / NBR/Buna-N	
Inner valve	< DN32 > DN40	Ms -	Ms, SS, Ho Ms, SS			Ms, SS, Ho (< DN25 Ms) Ms, SS		
Reg. assembly removable	< DN32 > DN40	cartridge					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								

drinking water



DN8 up to DN125
0.2... 2/20 bar

Dimensions				Flow rate	K _{vs} -	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	

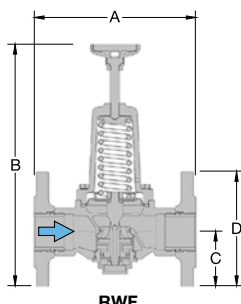
Pressure regulator with flange						gunmetal, NBR/Buna N, w/o gauge drinking water: RWF-..C	RWF			
230	394	83	165	14	13	DN50	16	0.2 ... 2	2	RWF-16A
324							25	0.5 ... 4	4	RWF-16B
324								1.5 ... 6	6	RWF-16C
396								1.5 ... 10	10	RWF-16E
384								1.5 ... 12	12	RWF-16F
411								2.0 ... 20	20	RWF-16G
290	420	93	185	24	20	DN65	16	0.2 ... 2	2	RWF-20A
349							25	0.5 ... 4	4	RWF-20B
349								1.5 ... 6	6	RWF-20C
418								1.5 ... 10	10	RWF-20E
411								1.5 ... 12	12	RWF-20F
429								2.0 ... 20	20	RWF-20G
310	427	100	200	26	24	DN80	16	0.2 ... 2	2	RWF-24A
	518	136		60	60			0.5 ... 4	4	RWF-24B
	356	100		26	24			1.5 ... 6	6	RWF-24C
	518	136		60	60			1.5 ... 6	6	RWF-25C
	521			60	60			3.0 ... 10	10	RWF-24E
	545			60	60		25	4.0 ... 12	12	RWF-24F
	436			24	24		25	2.0 ... 20	20	RWF-24G
350	540	140	200	80	80	DN100	16	0.5 ... 4	4	RWF-32B
	540							1.5 ... 6	6	RWF-32C
	542							3.0 ... 10	10	RWF-32E
	600	135						4.0 ... 12	12	RWF-32F
400	730	165	270	130	130	DN125	16	0.5 ... 4	4	RWF-40B
	540							1.5 ... 6	6	RWF-40C
	542							3.0 ... 10	10	RWF-40E

Special options, add the appropriate letter

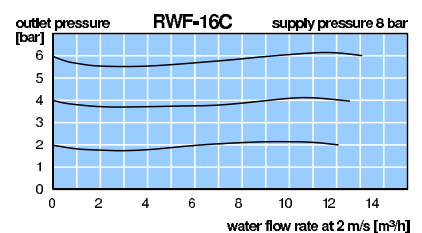
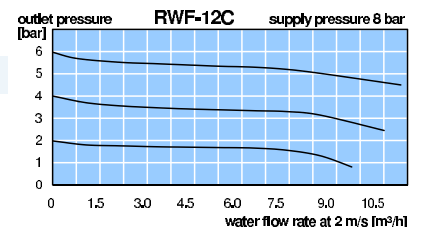
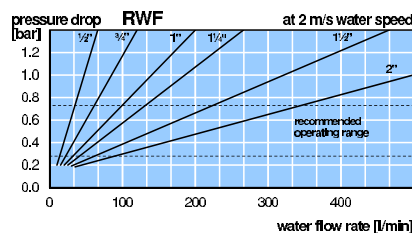
Elastomer	EPDM: E	CR: C	FKM: V	RWF-.. V
flange connection	ANSI			RWF-.. F6
for different media	warm-, hot-, and see water, acids, bases, oil, petrol glue, food, foam, gases etc.			RWF-.. X

Accessories, enclosed

pressure gauge Ø 63 mm, vertical 0...*2 bar, G1/4 MT6302-..*2



RWF



*1 at 2 m/s water speed * for compressed air the flow is 70 times greater
*2 02 = 0...0.2 bar, 04 = 0...0.4 bar, 06 = 0...0.6 bar, 10 = 0...1.0 bar, 16 = 0...1.6 bar, 25 = 0...2.5 bar

Gauges: see chapter for measuring devices

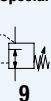
PDF CAD
www.aircom.net

* Product group



Order example:
RWF-16A

Special



9