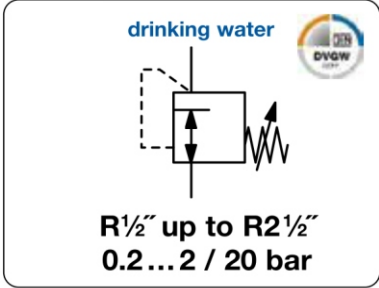


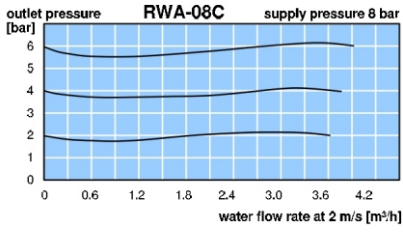
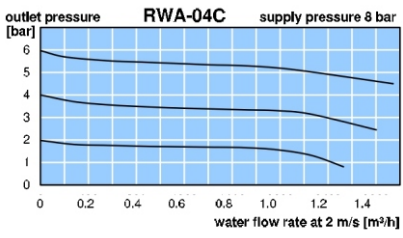
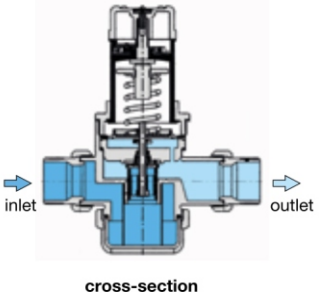
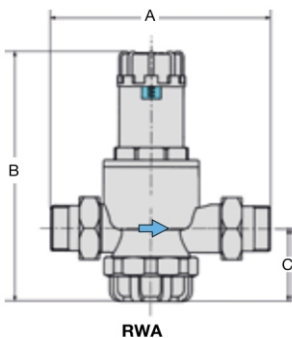
# RWA - Régulateur de pression pour eau potable, R1/2" à R2.5" mâle certifié DVGW, ATEX, DGRL/PED

<b>Description</b>	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 RWA...C with pressure range 1.5 ...6 bar.
<b>Drinking water</b>	Regulators with DN15 up to DN25 have the same constructions dimensions as D06F from Honeywell, according to DVGW up to DN32.
<b>Media</b>	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.
<b>Pressure difference</b>	1 bar, between inlet and outlet pressure
<b>Gauge port</b>	G $\frac{1}{4}$ on both sides of the body for outlet pressure, ports are closed with screw plugs.
<b>Mounting position</b>	any, preferably vertical
<b>ATEX</b>	according to ATEX2014/34/EU, EN1127, EN13463 for zone 1, 2, 21 and 22
<b>PED</b>	according to EU directives DGRL/PED for liquids and gases of group 2
<b>Temperature range</b>	0 °C to 80 °C / 32 °F to 176 °F
<b>Material</b>	see opposite page



Dimensions			Flow rate	K <sub>vs</sub> -	Nominal Connection		Pressure		Order
A	B	C	recommended	value	size	thread	inlet	outlet	number
mm	mm	mm	(m <sup>3</sup> /h)*1	(m <sup>3</sup> /h)*2	DN	R	max. bar	bar	

Regulator with male thread						gunmetal, NBR/Buna-N drinking water: RWA...C	RWA			
137	154	27	1,3	2.9	DN15	1/2"	16	0.2 ... 2	2	RWA-04A
	163						25	0.5 ... 4	4	RWA-04B
	168						25	1.5 ... 6	6	RWA-04C
	163						25	1.5 ... 10	10	RWA-04E
	182						25	1.5 ... 12	12	RWA-04F
	233						25	2.0 ... 20	20	RWA-04G
141	156	27	2,3	3.9	DN20	3/4"	16	0.2 ... 2	2	RWA-06A
	163						25	0.5 ... 4	4	RWA-06B
	168						25	1.5 ... 6	6	RWA-06C
	163						25	1.5 ... 10	10	RWA-06E
	182						25	1.5 ... 12	12	RWA-06F
	233						25	2.0 ... 20	20	RWA-06G
161	155	29	3,6	5.4	DN25	1"	16	0.2 ... 2	2	RWA-08A
	164						25	0.5 ... 4	4	RWA-08B
	168						25	1.5 ... 6	6	RWA-08C
	164						25	1.5 ... 10	10	RWA-08E
	182						25	1.5 ... 12	12	RWA-08F
	233						25	2.0 ... 20	20	RWA-08G
177	156	47	5,8	6.1	DN32	1 1/4"	16	0.2 ... 2	2	RWA-10A
	219						25	0.5 ... 4	4	RWA-10B
	222						25	1.5 ... 6	6	RWA-10C
	219						25	1.5 ... 10	10	RWA-10E
	234						25	1.5 ... 12	12	RWA-10F
	252						25	2.0 ... 20	20	RWA-10G



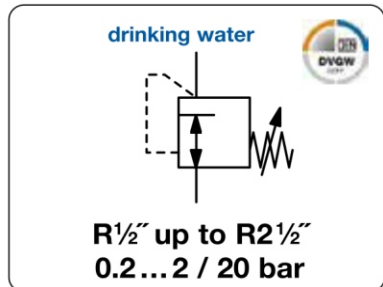
\*1 at 2 m/s water speed      \*2 for compressed air the flow is 70 times greater



# RWA - Régulateur de pression pour eau potable, R1/2" à R2.5" mâle certifié DVGW, ATEX, DGRL/PED

		Material					
Regulator	RW	RWA-..A	RWA-..B	RWA-..C	RWA-..E	RWA-..F	RWA-..G
Nominal size	DN	DN15-65	DN15-65	DN15-65	DN15-65	DN15-100	DN15-65
Body	all	gunmetal CnSn5Zn5Pb2-C-GS / CC499K (Rg5)					
Spring cage	< DN32	PA	Ms	PA	Ms	Ms	Ms (< DN25)
	> DN40	Rg	GG	GG	GG	GG	GG (> DN32)
Seals	all	NBR/Buna N					
Diaphragm	< DN25	NBR/Buna N			NBR/Buna-N		piston / NBR/Buna-N
	> DN32	NBR/Buna N			NBR/Buna-N		piston / NBR/Buna-N
Inner valve	< DN32	Ms, SS, Ho			Ms, SS, Ho (< DN25 Ms)		
	> DN40	Ms, SS			Ms, SS		
Reg. assembly removable	< DN32	cartridge				valve seat	
	> DN40	valve seat				valve seat	

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



Dimensions			Flow rate	K <sub>vs</sub>	Nominal Connection		Pressure		Order
A	B	C	recommended	value	size	thread	inlet	outlet	number
mm	mm	mm	(m <sup>3</sup> /h)*1	(m <sup>3</sup> /h)*2	DN	R	max. bar	bar	

Regulator with male thread									
gunmetal, NBR/Buna-N drinking water: RWA-..C									
RWA									
210	370	59	9,0	9,0	DN40	1 1/2"	16	0.2 ... 2	<b>RWA-12A</b>
	301	51					25	0.5 ... 4	<b>RWA-12B</b>
	293	51					25	1.5 ... 6	<b>RWA-12C</b>
	361	51					25	1.5 ... 10	<b>RWA-12E</b>
	361	51					25	1.5 ... 12	<b>RWA-12F</b>
	386	51					25	2.0 ... 20	<b>RWA-12G</b>
210	372	61	14	13	DN50	2"	16	0.2 ... 2	<b>RWA-16A</b>
	372	61					25	0.5 ... 4	<b>RWA-16B</b>
	294	53					25	1.5 ... 6	<b>RWA-16C</b>
	363	53					25	1.5 ... 10	<b>RWA-16E</b>
	364	53					25	1.5 ... 12	<b>RWA-16F</b>
	388	53					25	2.0 ... 20	<b>RWA-16G</b>
273	394	68	24	20	DN65	2 1/2"	16	0.2 ... 2	<b>RWA-20A</b>
	324						25	0.5 ... 4	<b>RWA-20B</b>
	324						25	1.5 ... 6	<b>RWA-20C</b>
	392						25	1.5 ... 10	<b>RWA-20E</b>
	384						25	1.5 ... 12	<b>RWA-20F</b>
	408						25	2.0 ... 20	<b>RWA-20G</b>



RWA-12B/C/E



RWA-12F



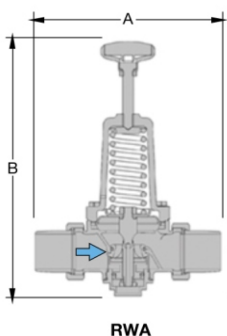
RWA-12A

### Special options, add the appropriate letter

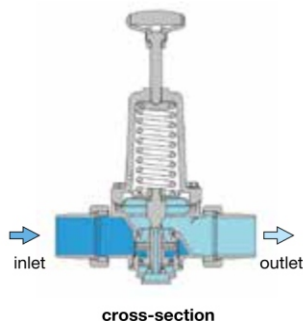
<b>NPT</b>	connection thread		RWA-.. .N
<b>Elastomer</b>	CR: <b>C</b>	FKM: <b>V</b>	RWA-.. .V
<b>for different media</b>	warm-, hot-, and see water, acids, bases, oil, petrol glue, food, foam, gases etc.		RWA-.. .X

### Accessories, enclosed

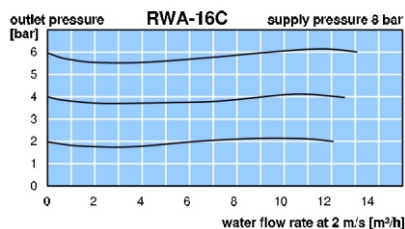
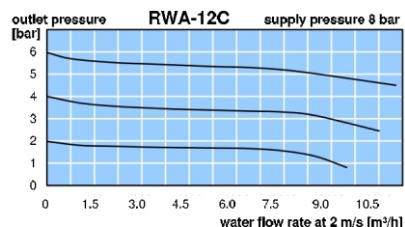
<b>pressure gauge</b>	Ø 50 mm, 0... <sup>*3</sup> bar, <b>G1/4</b>	G1/2	<b>MA5002-..</b> <sup>*3</sup>
	Ø 63 mm, 0... <sup>*3</sup> bar, <b>G1/4</b>	up to G3/4	<b>MA6302-..</b> <sup>*3</sup>



RWA



cross-section



\*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

