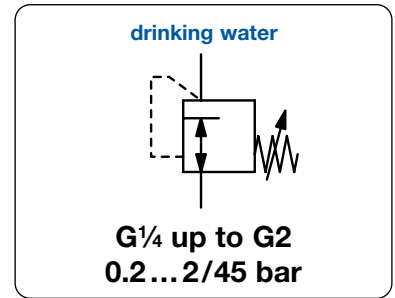


PRESSURE REGULATOR FOR WATER, WITH FEMALE THREAD

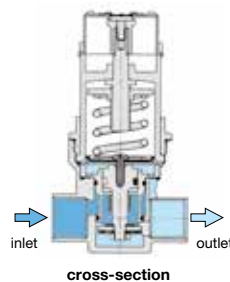
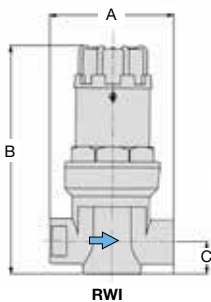
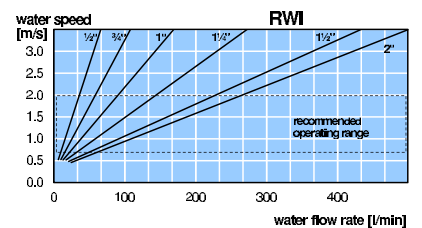
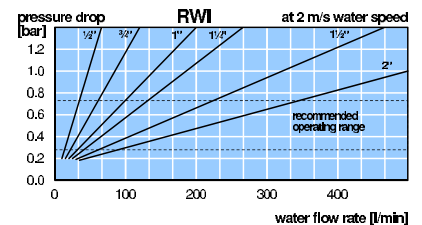
RWI

| | | |
|----------------------------|---|---|
| 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 | particularly all regulators RWI...C with outlet range 1.5 ...6 bar | |
| Media | preferably water or drinking water, but also compressed air, neutral liquids and non-corrosive gases. Especially suitable for compressed air are regulators RWI...D. It has to be considered that these regulators are non-relieving. | |
| Pressure difference | 1 bar, between inlet and outlet pressure | Mounting position any, preferably vertical |
| Reduction ratio | between supply and outlet pressure should not be greater than: 20:1 for RWI...A, 10:1 for RWI...D, 6:1 for RWI...G/H, 3:1 for RWI...I | |
| Gauge port | G¼ on both sides of the body for outlet pressure, ports are closed with screw plugs. | |
| 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 | |
| Temperature range | 0 °C to 80 °C / 32 °F to 176 °F | Screw standard according to DIN ISO 228 |
| Material | see opposite page | |



| Dimensions | | | Flow rate | Kvs | Nominal | Connection | Pressure | | Order |
|------------|----|----|-------------|----------|---------|------------|----------|--------|--------|
| A | B | C | recommended | value | size | thread | inlet | outlet | number |
| mm | mm | mm | (m³/h)*1 | (m³/h)*2 | DN | G | max. bar | bar | |

| Regulator with female thread | | | | | | | gunmetal, NBR/Buna-N drinking water: RWI...C | RWI | | |
|------------------------------|-----|-----|-----|-----|-------|----|---|------------|----|---------|
| 70 | 186 | 46 | 0.2 | 0.5 | DN 8 | G¼ | 25 | 0.2 ... 2 | 2 | RWI-02A |
| | 167 | 47 | | | | | 25 | 1.5 ... 8 | 8 | RWI-02D |
| | 188 | 47 | | | | | 40 | 2.0 ... 20 | 20 | RWI-02H |
| | 191 | 48 | | | | | 60 | 20 ... 45 | 45 | RWI-02I |
| 70 | 186 | 46 | 0.2 | 0.6 | DN 10 | G¾ | 25 | 0.2 ... 2 | 2 | RWI-03A |
| | 167 | 47 | | | | | 25 | 1.5 ... 8 | 8 | RWI-03D |
| | 188 | 47 | | | | | 40 | 2.0 ... 20 | 20 | RWI-03H |
| | 191 | 48 | | | | | 60 | 20 ... 45 | 45 | RWI-03I |
| 85 | 154 | 27 | 1.3 | 2.9 | DN 15 | G½ | 16 | 0.2 ... 2 | 2 | RWI-04A |
| | 168 | 27 | 1.3 | 2.9 | | | 25 | 0.5 ... 4 | 4 | RWI-04B |
| | 168 | 27 | 1.3 | 2.9 | | | 25 | 1.5 ... 6 | 6 | RWI-04C |
| | 189 | 47 | 0.5 | 1.2 | | | 25 | 1.5 ... 8 | 8 | RWI-04D |
| | 163 | 27 | 1.3 | 2.9 | | | 25 | 1.5 ... 10 | 10 | RWI-04E |
| | 182 | 27 | 1.3 | 2.9 | | | 25 | 1.5 ... 12 | 12 | RWI-04F |
| | 233 | 27 | 1.3 | 2.9 | | | 25 | 2.0 ... 20 | 20 | RWI-04G |
| | 229 | 47 | 0.5 | 1.2 | | | 40 | 2.0 ... 20 | 20 | RWI-04H |
| | 218 | 47 | 0.5 | 1.2 | | | 60 | 20 ... 45 | 45 | RWI-04I |
| 95 | 157 | 27 | 2.3 | 3.9 | DN 20 | G¾ | 16 | 0.2 ... 2 | 2 | RWI-06A |
| | 169 | 27 | 2.3 | 3.8 | | | 25 | 0.5 ... 4 | 4 | RWI-06B |
| | 169 | 27 | 2.3 | 3.9 | | | 25 | 1.5 ... 6 | 6 | RWI-06C |
| | 190 | 47 | 0.6 | 1.3 | | | 25 | 1.5 ... 8 | 8 | RWI-06D |
| | 164 | 27 | 2.3 | 3.9 | | | 25 | 1.5 ... 10 | 10 | RWI-06E |
| | 182 | 27 | 2.3 | 3.9 | | | 25 | 1.5 ... 12 | 12 | RWI-06F |
| | 234 | 27 | 2.3 | 3.9 | | | 25 | 2.0 ... 20 | 20 | RWI-06G |
| | 229 | 47 | 0.6 | 1.3 | | | 40 | 2.0 ... 20 | 20 | RWI-06H |
| | 218 | 47 | 0.6 | 1.3 | | | 60 | 20 ... 45 | 45 | RWI-06I |
| 105 | 156 | 29 | 3.6 | 5.4 | DN 25 | G1 | 16 | 0.2 ... 2 | 2 | RWI-08A |
| | 105 | 170 | 29 | 3.6 | | | 25 | 0.5 ... 4 | 4 | RWI-08B |
| | 105 | 170 | 29 | 3.6 | | | 25 | 1.5 ... 6 | 6 | RWI-08C |
| | 95 | 242 | 56 | 0.7 | | | 25 | 1.5 ... 8 | 8 | RWI-08D |
| | 105 | 164 | 29 | 3.6 | | | 25 | 1.5 ... 10 | 10 | RWI-08E |
| | 105 | 184 | 29 | 3.6 | | | 25 | 1.5 ... 12 | 12 | RWI-08F |
| | 105 | 235 | 29 | 3.6 | | | 25 | 2.0 ... 20 | 20 | RWI-08G |
| | 95 | 256 | 55 | 0.7 | | | 40 | 2.0 ... 20 | 20 | RWI-08H |



Special



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

PDF CAD
www.aircom.net

Order example:
RWI-02A