



Gas pressure regulator AR

Diaphragm-type regulator is designed for carbon dioxide gas pressure reduction and its maintaining at the specified level.

- Appropriate for modular mounting
- Completed with manometer
- High capacity
- Pressure at the inlet is up to 2.0 MPa
- Pressure at the outlet is up to 1.6 MPa

Technical characteristics

| Regulator designation | AR 40-F06-X425 | AR 50-F10-X425 | AR 60-F10-X425 |
|--|----------------|----------------|----------------|
| Minimum flow of carbon dioxide gas, norm., L/min | 3000 | 6800 | 10000 |
| Maximum flow of carbon dioxide gas, kg/h | 330 | 750 | 1100 |
| Connecting dimensions | G 3/4 | G 1 | G 1 |
| Maximum pressure at the inlet, bar | 20 | | |
| Range of pressure at the outlet, bar | 0.2 ... 16 | | |
| Connection of manometer | G 1/4 | | |
| Operating temperature, °C | -5 ... 60 | | |
| Weight, kg | 0.750 | 1.1 | 1.98 |
| Working position | Any | | |



Gas power filter AF

It is designed for removal of mechanical impurities and condensate from carbon dioxide gas.

- Filtering element made of plastics provides increased flow.
- Easy replacement of filtering element.
- Appropriate for modular mounting.

Technical characteristics

| Regulator designation | AF 40-F04-X425 | AF 50 F06(10)-X425 | AF 60 F10-X425 |
|--|----------------|--------------------|----------------|
| Working position | Any | | |
| Minimum flow of carbon dioxide gas, norm., L/min | 3000 | 6800 | 10000 |
| Maximum flow of carbon dioxide gas, kg/h | 330 | 750 | 1100 |
| Connecting dimensions | G 1/2 | G 3/4 (G1) | G 1 |
| Maximum operating pressure at the inlet, bar | 20 | | |
| Filtering degree, micron | 5.0 | | |
| Reservoir material | polycarbonate | | |
| Reservoir volume, cm ³ | 45 | | |
| Operating temperature, °C | -5 ... 60 | | |
| Weight, kg | 0.45 | 0.99 | 1.05 |