

Gas distribution

Dimensioning and delivery of parts and equipment for gas distribution



Artec Aqua AS stocks a wide range of fittings and components for gas distribution.

SPECIFICATIONS:

- Degreased and approved for oxygen.
- Planning, delivery and installation of gas distribution systems in all sizes.
- Delivery of dosing cabinets/panels for oxygen with the desired number of channels.
- Delivery adapted to Rotameter/Flowmeter.
- Gas regulation delivered as part of a dosing panel or separately.



Fittings and components



Rotameter / Flowmeter

Gas distribution

DESCRIPTION

GASDOS CABINET

1. Pressure gauge (0–10 bar) with indication of operating pressure
2. Flowmeter with indication of gas levels in each tank
3. Extra outlet for road tanker/ transfer of fish
4. Flowmeter for bypass



Example of GasDos cabinet.

GASDOS-PANEL, SINGLE

1. Flowmeter with indication of gas level
2. Needle valve
3. Solenoid valve connected to level gauge on SaturOx™
4. Pressure regulator with pressure gauge (0–16 bar) with indication of operating pressure
5. Valve for opening/closing the oxygen supply
6. Non-return valve prevents backflow
7. Outlet (10 or 15 mm tube/hose) for oxygen to SaturOx®

MEASURING RANGE, INNER TUBE:

| | |
|---------------------|---------------------|
| 0–0.4 kg/h at 6 bar | 0–5 lpm at 3.5 bar |
| 0–1.2 kg/h at 6 bar | 0–10 lpm at 3.5 bar |
| 0–2.4 kg/h at 6 bar | 0–20 lpm at 3.5 bar |
| 0–9.0 kg/h at 6 bar | 0–50 lpm at 3.5 bar |



Example of GasDos panel.