

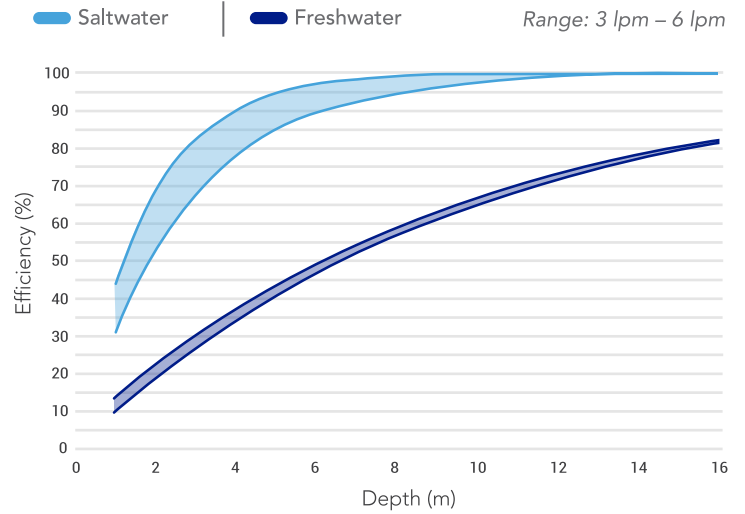
Micro-perforated hose

FOR GAS DIFFUSION

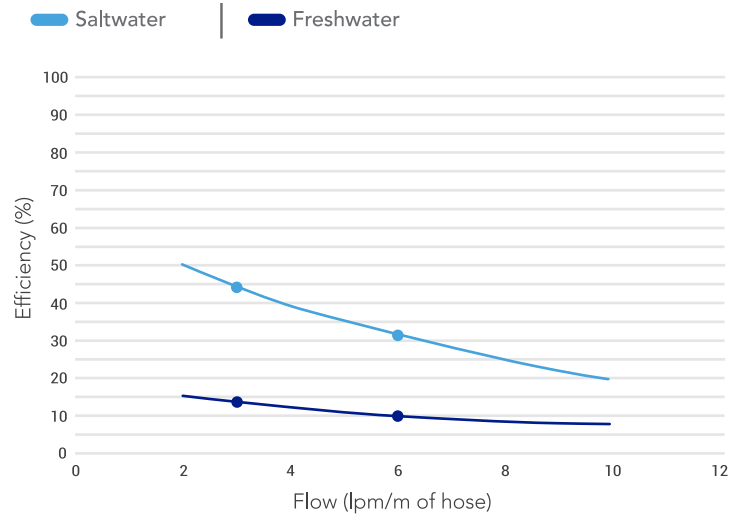


- » Neutral buoyancy.
- » Resistant to biofouling.
- » One-year warranty.

Depth-dependent efficiency



Efficiency based on flow per linear meter of hose



Technical Data

| | |
|----------------------|---|
| Operating flow rate | 3 - 6 lpm/m (0,18 - 0,36 m ³ /h/m) |
| Operating pressure | 1 - 2 bar (14,5 - 29 psi) |
| Maximum pressure | 5 bar (72,5 psi) |
| Recommended pressure | 1 bar (14,5 psi) |
| Weight | 0,12 kg/m |
| Outer diameter | 12,7 mm (1/2") |
| Inner diameter | 6,35 mm (1/4") |
| Micro-perforations | 6.000 per meter |
| Bubble size | (90 - 250) µm |
| Bubble rise velocity | 0.1 – 0.5 m/s |

Measurement conditions: water column height of 1 mH₂O; temperature of 10°C; freshwater with 50 ppm of dissolved solids and seawater with 30 ppt salinity; dissolved oxygen saturation range between 20% and 100%; oxygen extraction method: nitrogen (N₂) gas stripping.



Warning:

The use of pure oxygen at high pressure/flow rates may cause spontaneous combustion upon contact with grease or oil. The use of air compressors may lead to the introduction of oil particles into the system.

Pressure-flow curve

per linear meter of hose

