

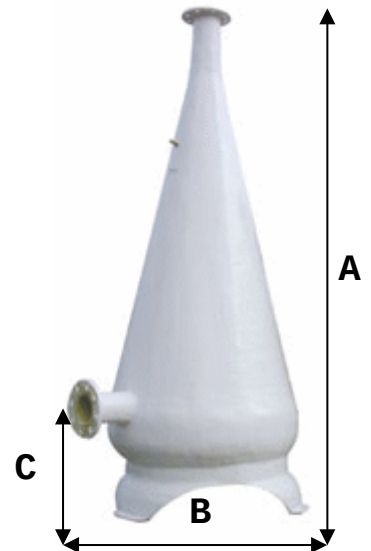
OXYGEN CONES OXYWISE



Our oxygen cones are used for mixing oxygen in the water. Their shape makes the saturation efficiency very high, up to 95%. Water and oxygen enter at the top of the cone at relatively high speed. The stream of water pushes the oxygen bubbles down until they completely dissolve.

Design pressure:	2 and 4 barG
Material:	glass fiber
Saturation efficiency:	95%

25 mg/liter of dissolved oxygen can be reached with 1 barG water pressure. If higher water pressure is used, water gets supersaturated with oxygen and it should be mixed with main stream to prevent fish intoxication with oxygen.



Model	Max. water flow rate [l/min]	Dissolved oxygen at 15°C [kg/h]		Dissolved oxygen at 15°C [kg/h]	
		Water pressure 1barG	Water pressure 1,5barG	Oxygen pressure 2bar	Oxygen pressure 4bar
OWC 30	500	0.8	1.2	1.4	2.8
OWC 60	1 000	1.6	2.4	2.8	5.7
OWC 115	1 840	3.1	4.4	5.2	10.4
OWC 140	2 340	3.8	5.6	6.6	13.3

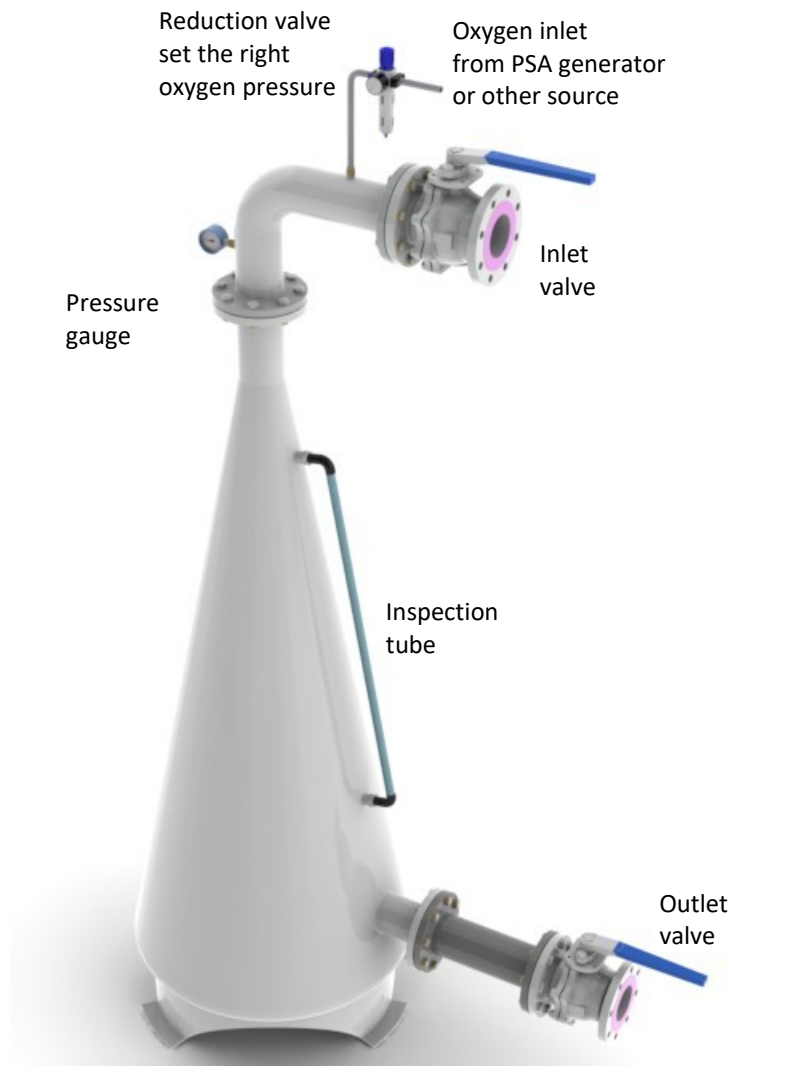
Cones are available in 2 pressure versions; 2bar and 4bar version.

Model	Weight [kg]	Dimensions [cm]			Flange standard
		A	B	C	
OWC 30	27	170	63	35	DN100
OWC 60	52	225	87	45	DN100
OWC 115	61	280	105	50	DN125
OWC 140	61	320	128	60	DN125

Benefits:

- High saturation efficiency
- Robust construction
- Easy installation
- Endurance

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- Water pump maximum outlet pressure should not exceed the cone design pressure.
- Pressure drop in cone is 0.2 to 0.3 bar.
- Water flow should be regulated in order to keep the optimum working pressure in the cone.

