

Oxygen Solutions

Aquatec Oxygen O₂ Generator

Aquatec Solutions A/S Oxygen generators are manufactured by Danish sub-suppliers with more than 20 years of experience and a record of more than 150 systems of generators for a wide range of applications.

Aquatec Solutions use Atlas Copco or KAESER compressors in the design due to the world-wide service and extremely high quality. Our generators are developed toward fish farmers need.



Examples of Generators

Examples of Generator Models	Capacity at 90% purity (kg O ₂ /hour)	kW usage	Kg O ₂ / kW at 90% purity
AQS 13	1,3	2,4	0,54
AQS 26	2,6	3,2	0,81
AQS 40	3,9	4,4	0,88
AQS 52	5,2	5,9	0,87
AQS 78	7,8	8,0	0,97
AQS 104	10,4	11,0	0,94
AQS 130	13,0	11,8	1,10
AQS 170	16,9	17,0	0,99
AQS 220	22,1	20,6	1,08
AQS 250	24,7	23,5	1,05
AQS 380	37,7	33,9	1,11
AQS 450	45,5	40,8	1,12
AQS 650	65,1	61,5	1,06

Facts

- 🔹 Simple and reliable construction
- 🔹 Low maintenance cost
- 🔹 Flexible installation
- 🔹 Well proven and tested technology
- 🔹 Design with build in security

Benefit

- 🔹 Low oxygen cost per kg fish production
- 🔹 Easy after installation with upgrades
- 🔹 Prepared for online monitoring & control
- 🔹 High "Kg O₂ / kW" efficiency

Aquatec Oxygen Cone

Aquatec Solutions deliver a complete range of high efficient fibreglass cones.

Our cones can operate with up to 1,5 bar in working pressure. Higher pressure capacity is available on request.

Installation – Cone placed each fish tank



Facts:

- High absorption efficiency
- Simple and reliable construction
- Low maintenance cost
- Flexible installation

Benefit:

- Precise distribution of oxygen in tanks
- Low oxygen usage per kg fish production
- Easy after installation with upgrades

Cone Capacity [Flow m ³ /hour]	Height [mm]	Width [mm]	DN Flange
AQS 15	1550	550	65
AQS 30	1700	620	80
AQS 40	2100	750	90
AQS 60	2400	860	100
AQS 90	2400	1000	125
AQS 110	2700	1050	150
AQS 140	3200	1250	150
AQS 250	3400	1500	200
AQS 350	3300	1700	250
AQS 450	3500	1850	300

Example – Cone sizes

Aquatec Oxygen Stone & Emergency Oxygen Hose

Aquatec offering 2 sizes of oxygen stones – please see below

Models	AQS 600	AQS 1200
Outer dimension (mm)	80 x 670	2 x 80 x 670
Ceramic surface (mm)	60 x 600	2 x 60 x 600
Recommended gas flow at 2,5 bar	8,22	16,44
Recommended gas flow at 3,5 bar	16,44	32,88

Gas flow (l/min)

Aquatec also offer complete Emergency Oxygen Hose, fittings etc. Please ask Aquatec for further details and specifications.



AQS 600 / 1200 sample

