

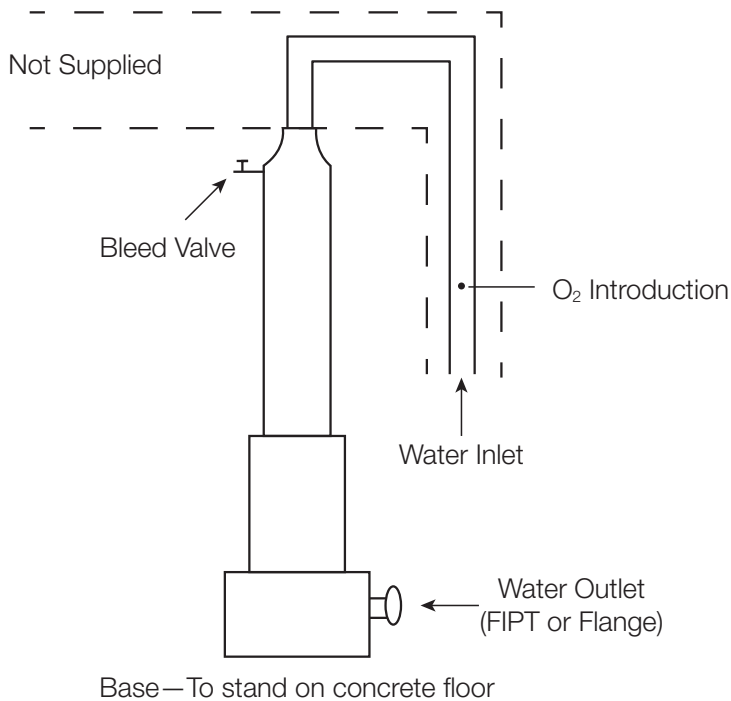
Oxygen Saturators

(Part Nos. OY10–OY400)

If you are currently pumping water back to your fish tank(s) you can fit the appropriate oxygen saturator between the pump and the tank. Simply flow pure oxygen into the water below and upstream of oxygen introduction (you don't even need a diffuser) and you can run the dissolved oxygen up to 25 mg/L with as little as 10 psi. These saturators are 100% efficient (all the oxygen you put in will be absorbed within the limits of the operating pressure). Pressure rating is 100 psi (except **OY35P**—40 psi).

A valve (not included) is required on the outlet side to control the pressure within the saturator. When assembling the center flange we suggest you use either a bead of silicone, caulk or order an optional EPDM gasket. Center flange bolts and pressure gauge (0–30 psi) are included. Inlet and outlet fittings are optional.

Note: If you are using an oxygen generator as your oxygen source, at best you will be producing 90% pure oxygen. The remaining 10% is primarily nitrogen. To prevent the possibility of nitrogen super-saturation you must bleed off the build-up via the bleed valve located at the top of the oxygen saturator.



	Flow Range (gpm)	Center Flange Size	Recommended Flow Meter	Overall Height	Inlet/Outlet	Ship Wt
OY10	8–12	2 1/2"	MFR410	56"	1/2" FNPT	12 lbs
OY18	15–25	3"	MFR410	62"	3/4" FNPT	15 lbs
OY35	35–65	4"	MFR410	86"	1 1/2" FNPT	35 lbs
OY35P*	35–65	6"	MFR410	88"	1 1/4" FNPT	55 lbs
OY75	65–90	6"	MFR440	90"	1 1/2" FNPT	50 lbs
OY110	90–130	8"	MFR440	90"	2" Flange	65 lbs
OY160	130–200	12"	MFR4150	90"	3" Flange	80 lbs
OY250	220–300	12"	MFR4150	90"	3" Flange	105 lbs
OY400	300–500	14"	MFR4150 (2)	90"	4" Flange	125 lbs

*Not O₃ compatible. **Shown in shipping configuration with top section inverted.



AQUATIC ECO-SYSTEMS™