



**AIROXI Turbine Blowers Technical Specifications**

August 2020

Product	Reference Picture	Maximum water depth suitable for operation	Approximate fish / shrimp biomass support	Recommend AirOxi tube to be used with this (mtr)	Air Flow (open condition)	Pressure (open condition)	Current open condition (A)
Turbine blower - single stage - 0.25 HP		3 Feet	800 Kg / 200 Kg	4 mtr	40 m3/ hr	140 mbar	2.0
Turbine blower - single stage - 0.50 HP		3 Feet	1500 Kg / 350 Kg	7 mtr	80 m3/hr	140 mbar	2.7
Turbine blower - single stage - 1.0 HP		3 Feet	3000 Kg/ 750 Kg	17 mtr	140 m3/hr	140 mbar	5.0
Turbine blower - single stage - 1.5 HP		3 Feet	5000 Kg / 1250 Kg	25 mtr	180 m3/hr	190 mbar	7.0
Turbine blower - single stage - 2 HP		3 Feet	6000 Kg / 1500 Kg	35 mtr	210 m3/hr	200 mbar	9.4
Turbine blower - single stage - 3 HP		3 Feet	9000 Kg / 2250 Kg	50 mtr	280 m3/hr	240 mbar	13.7
Turbine blower - double stage - 1 HP		4.5 feet	4000 Kg / 1000 Kg	20 mtr	120 m3/hr	280 mbar	7.0
Turbine blower - double stage - 2 HP		4.5 feet	8000 Kg / 2000 Kg	40 mtr	150 m3/hr	290 mbar	9.4
Turbine blower - double stage - 3 HP		4.5 feet	12000 Kg / 3000 Kg	60 mtr	150 m3/hr	440 mbar	13.7
Options of single phase and three phase blowers available in models 1 HP and above. Below 1 HP single phase motor only available. Blowers are supplied without NRV and pressure gauge.							
Air Flow and current mentioned is in open condition without water head. With water head it will reduce substantially - about 40-50% in single stage and about 20% reduction in double stage blowers							