



EVEREST TWIN LOBE AQUA BLOWERS

Our new range of **AQUA Series Twin Lobe Rotary Air Blowers** (Roots Blowers) are specially designed and constructed to meet the hydroponics and aqua culture/fish farming requirements which essentially demand 100% Oil Free Air. The Aqua Series Blowers are ideal for applications requiring Oil Free Air for Aeration. These blowers are totally dry machines where lubricating chambers are physically isolated from the main gas chamber ensuring 100 % Oil Free Air delivery. For ease of operation and maintenance, the inlet and discharge connections are modified with Suction Top and Discharge Horizontal reducing cumbersome piping. These blowers have a major advantage over centrifugal blowers and regenerative-type blowers as they are more power/energy efficient, can handle high flow rates, and are insensitive to water depth variations. They deliver a constant flow of Oil-Free Air irrespective of back pressures, thereby maintaining dissolved oxygen levels. These positive displacement blowers are very versatile and can be run by electric motors or gensets. They have low maintenance costs and require no internal adjustments resulting in prolonged trouble free operation.



Our technology is so flexible, we can custom manufacture "Special Air Blowers" by alloying and cross linking diverse designs to suit individual requirements and import substitutes.

STANDARD DESIGN AND CONSTRUCTION FEATURES

- ⊙ 100% oil free air delivery.
- ⊙ Factory engineered, factory guaranteed, superior product.
- ⊙ Alloy steel hardened and ground timing gears.
- ⊙ Anti-friction bearings.
- ⊙ Rotary oil sealings.
- ⊙ Rigid one piece CI casing and side plates.
- ⊙ Easy rotor timing setting.
- ⊙ Alloy steel toughened shafts ground to close tolerances.

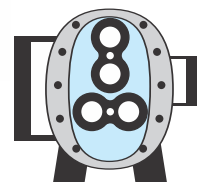
MODEL	REC. MOTOR	DISPLACEMENT		MAX. PR.		SPEED OF BLOWER (RPM)	MIN. REC. DISCH. LINE SIZE (mm NB)	ORIENTATION
		CFM	M ³ /HR	PSIG	MMWG			
AQUA1	3 HP	64	108	4.26	3000	800	65	
	5 HP	144	244	4.26	3000	1300	80	
AQUA2	7.5 HP	187	318	4.26	3000	900	80	
	10 HP	284	483	4.26	3000	1200	100	
AQUA3	15 HP	456	775	4.26	3000	1000	125	
	20 HP	654	1110	4.26	3000	1300	150	

PRODUCT RANGE

- Air Blowers
- Water Cooled Blowers
- Gas Blowers
- Vacuum Booster Pumps
- Acoustic Hoods
- Enclosures
- Dry Vane Pumps

WE JUST DON'T OFFER BLOWERS, WE OFFER SOLUTIONS!

The above chart gives average displacement (FAD Conditions) and maximum pressure for recommended motors. Actual flow rates may vary marginally depending upon discharge pressures.



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