

A1 TWIN LOBE ROTARY AIR BLOWERS

100%
Oil Free

A1 has introduced its new range of AQUA Series Twin Lobe Rotary Air Blowers (Roots Blowers) to meet the electroplating & aqua culture requirements which essentially demand 100% Oil Free Air. 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 and regenerative blowers as they are more power efficient, can handle high flow rates and are insensitive to water depth variations. They deliver, practically, a constant flow rate irrespective of back pressures thereby maintaining dissolved oxygen levels. These machines are very versatile and can be run by electric motors or gensets. They have low maintenance and 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	FLOW RATE M3/HR	MAX. PR. MMWG	SPEED OF BLOWER (RPM)	MIN. REC. DISCH. LINE SIZE (mm NB)	ORIENTATION
A1 AQUA A	3 HP	160	2000	1200	80	
A1 AQUA B	5 HP	250	2000	1200	100	
A1 AQUA C	7.5 HP	540	2000	1200	100	
A1 AQUA D	10 HP	750	2000	1200	125	
A1 AQUA 6	15 HP	1200	2000	1200	150	

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

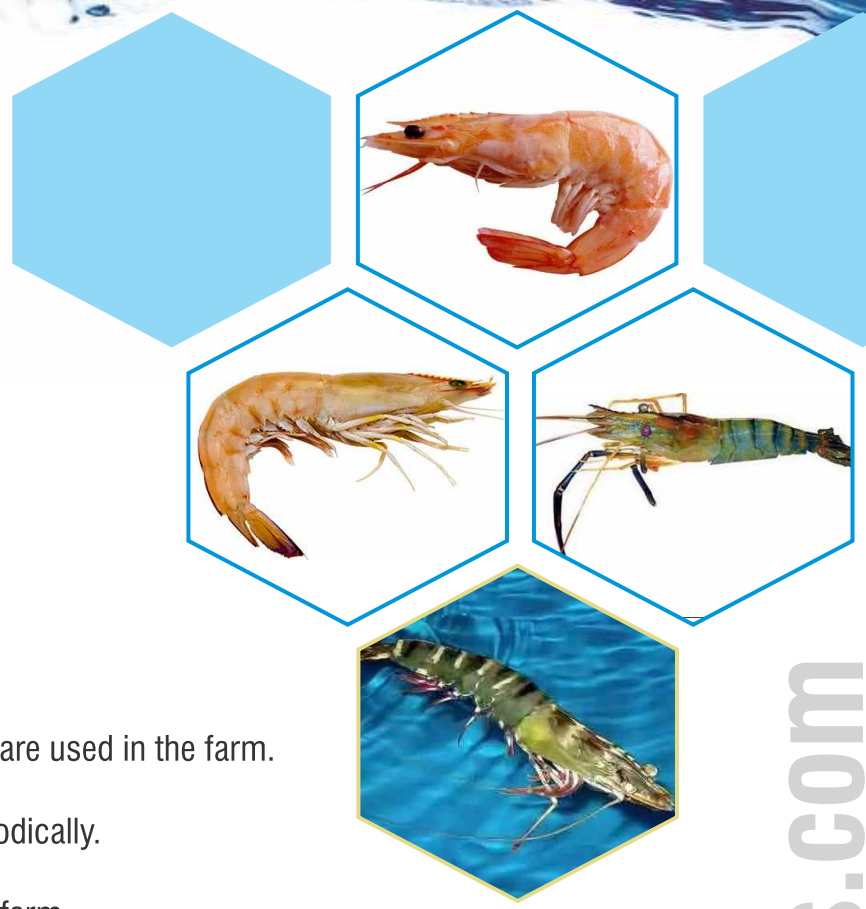
PRODUCT RANGE

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

Local Sales & Service Centre

Corporate Office : H.No. 189, 2nd Floor, Block-C, Pkt. 9, Sec. 5, Rohini, Delhi-110085
Mob. : + 91-7065573845 **Tel.:** + 91-11-6888 8662
Web : www.a1blowers.com | E-mail : info@a1blowers.com
Branch Office : No. 95, Avadi Poonamallee Main Road, Kaduvetti, Chennai-600077
Mob. : +91-9543214000

A1Blowers
 Blowers & Vacuum Boosters
 An ISO 9001 : 2008 Certified Company



PRECAUTION :-

- Check the quality of all resources that are used in the farm.
- Quality of water must be checked periodically.
- Disinfection of vehicles accessing the farm.
- Disinfection of equipment used in handling prawn or shrimps.
- Hygiene of employee must be maintained in the plant.

For Fast Growth of Prawn or Shrimps :-

- Proper aeration should be done so that proper BOD is maintained.
- Clean the tank water periodically .
- Maintain moderate temperature condition around 20 to 30 degree.
- High quality feeds should be used.

