

## SPA Pool 220V/380V Hot Air Pump Blower

### 1. Description of air pump

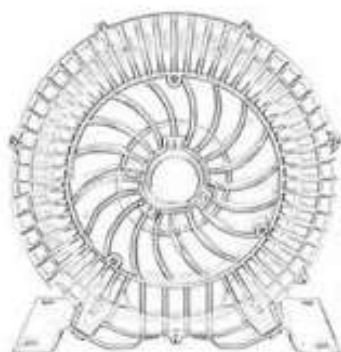
- 1).Solids and impurities must be eliminated before entering the AQUA gas ring Vacuum pump (intake filter).
- 2).Gas ring vacuum pumps can be installed in any axial possession.
- 3).Do not obstruct the cooling system.
- 4).Keep ventilation gratings and opening clear.
- 5).The direction of flow is indicated by an arrow.
- 6).Opposite direction od rotation and thus opposite direction of flow available on request

### 2. Pictures of air pump



### 3. Parameters of air pump

No.	HP	Voltage (V)	Pressure (Kpa)	Max Air Flow (m3/h)	Weight (KG)	Dimension (mm)
ML-100	1.0	220/380	11	100	12.5	294*288*315
ML-200	2.0	220/380	14	150	14.5	294*288*315
ML-300	3.0	220/380	16	200	33	345*360*371
ML-500	5.0	380	23	235	37	401*384*403
ML-750	7.5	380	26	320	65	410*392*404
ML-1000	10	380	31	400	121	472*418*453



#### 4. Features of air pump

- 1).The impeller adopts the three-dimensional design combined with sectional changes in circular air paths, which is smooth for airflow and low in noise.
- 2).Adopt special super- quality motor that is short in starting torque, stable in operation and low in power consumption but excellent in performance.
- 3).Non-oil lubricating designs to produce more purified air.
- 4).The appearance is beautiful and modern, the structure is reasonable and compact, it is long service life.



#### 5. Use and Maintenance

- 1).You should make the pump working in the standard rotate speed in use process, don't speed up at will, in order to avoid potential safety hazard and impact the useful life of the pump.
- 2).Direct coupled type pump units:the chassis must remain stable, so as not to damage the coupling.  
Belt wheel type pump units:the two pulleys must be aligned, the belt loose or tighten must be moderate. If the pump doesn't turn, it is generally because the impeller-ring get rusty, you can use the mallet knocking the coupling axially.Pump mounting height(in order to suction the water tank as the base)should be less than the permit smoking on 1-2meter high vacuum.
- 3).You should stop the engine if you discover abnormalities(such as noise, shock, hydraulic discharge descend etc.),and attention the bearing heat up, the temperature can't exceed 75°C. If stop using for a long time, you should discharge the water in the pump, overhaul and oil, keep it in a dry and ventilate shade.  
In winter, you should discharge the water at once when you stop using it in case frost crack.After the pump every 1000 hours operating time, you should take down and clean the bearing, and exchange quick-wear parts.