

4 Trouble-shooting:

	Troubles	Possible Cause	Remedy
Impeller does not turn	Humming sound	<ol style="list-style-type: none"> 1. One phase of line not connected 2. One Phase of stator winding open 3. Bearings defective 4. Impeller jammed by foreign material 5. Impeller jammed against housing or cover 	<ol style="list-style-type: none"> 1. Connect 2. Contact Factory 3. Change bearings 4. Clean 5. Adjust
	No sound	<ol style="list-style-type: none"> 1. Two phases of power line not connected. 2. Two phases of stator winding open 	<ol style="list-style-type: none"> 1. Connect 2. Contact factory
Impeller turn	Blown fuse	<ol style="list-style-type: none"> 1. Insufficient fuse capacity 2. Short circuit 	<ol style="list-style-type: none"> 1. Use fuse or proper rating 2. Repair
	Motor overheated or protector trips	<ol style="list-style-type: none"> 1. High or low voltage 2. Operating in single phase condition 3. Bearing defective 4. Impeller rubbing against housing or cover 5. Impeller or air passage clogged by foreign material 6. Unit operating beyond performance range 7. One phase of stator winding short circuited 	<ol style="list-style-type: none"> 1. Check input voltage 2. Check connections 3. Change bearings 4. Adjust 5. Clean 6. Contact factory 7. Contact factory
	Abnormal sound	<ol style="list-style-type: none"> 1. Impeller rubbing against housing or cover 2. Impeller or air passages clogged by foreign material 3. Bearings defective 	<ol style="list-style-type: none"> 1. Adjust 2. Clean 3. Change bearings
	Performance below standard	<ol style="list-style-type: none"> 1. Leak in piping 2. Piping and air passages clogged 3. Impeller rotation reversed 4. Leak in blower 5. Low voltage 	<ol style="list-style-type: none"> 1. Tighten 2. Clean 3. Check wiring 4. Tighten cover, flange 5. Check input voltage