

The usual fault symptoms related to a damaged or stalling pump impeller are as follows:

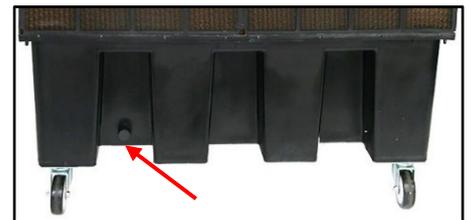
- Pump is not pumping water to the cooling pad.
- Pump intermittently pumps water to the cooling pad.

**WARNING:**  
DISCONNECT THE EVAPORATIVE COOLER FROM THE POWER SOURCE PRIOR TO ANY MAINTENANCE PERFORMED



## Pump Impeller Maintenance Guide

1. Disconnect the Evaporative Cooler from the power source and drain the water tank [item 15] by opening the drain valve [item 18].



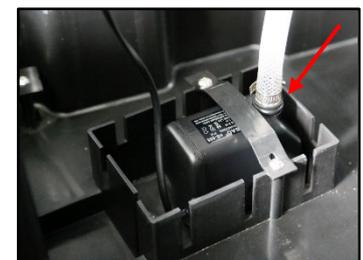
2. Remove cooling pad fastening sheet [item 27] then remove dust proof sheet [item 26] and cooling pad [item 25] by removing the phillips head screws.



3. Remove the pump retainer and lift the pump [item 28] from the base of the water tank.



4. Disconnect from the water supply hose [item 20] from the pump.



5. Open the pump inlet housing.



6. Twist the inner pump housing anticlockwise and remove from the main pump body.



7. Pull the impeller from the main pump housing.



8. Install new impeller.



9. Reassemble the pump in the reverse order.

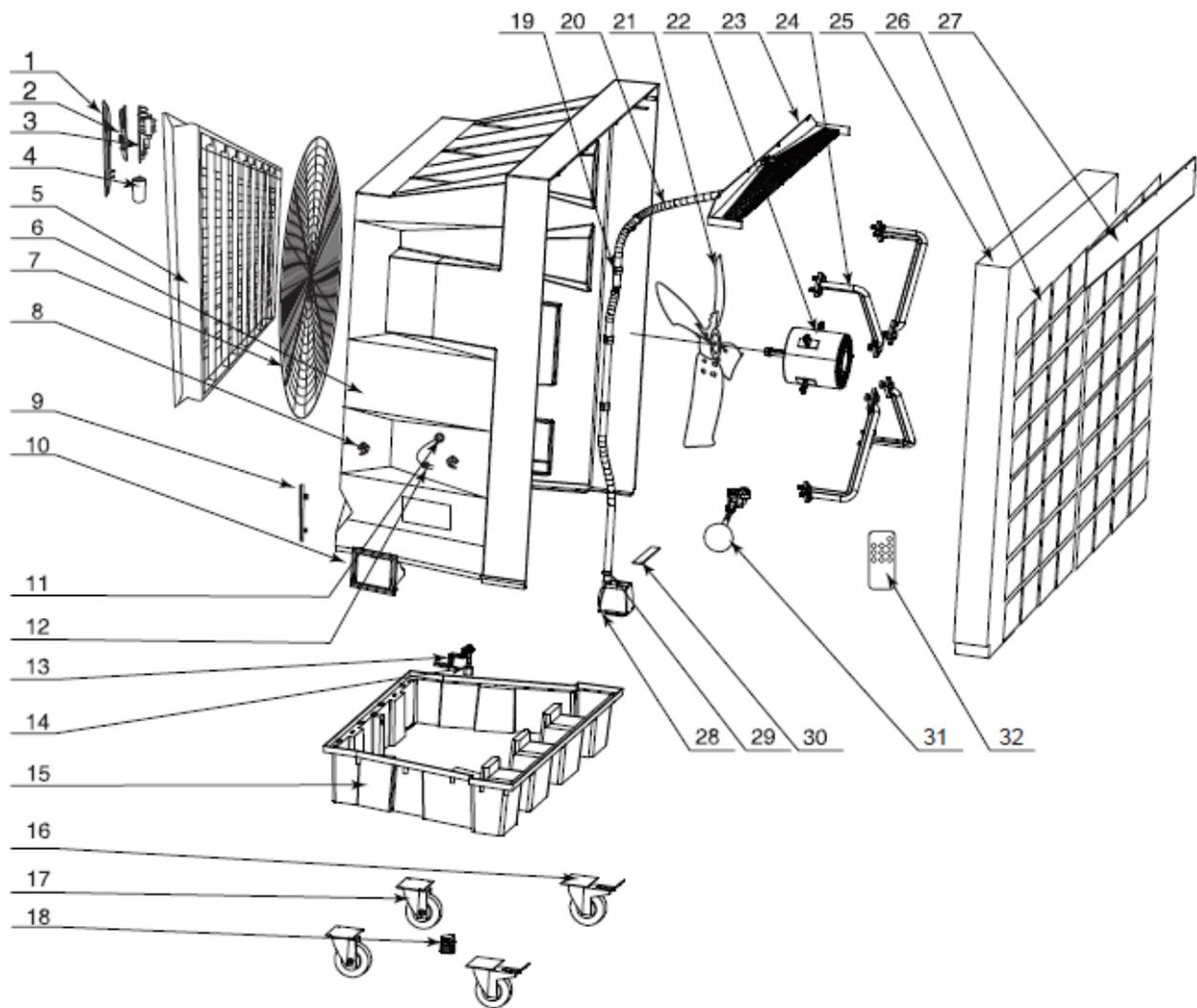
10. Install the pump to water tank and reassemble cooling pad, dust proof sheet and cooling pad fastening sheet.

11. Fill water tank to recommended level and test unit for operation.



**The Evaporative Cooler should now be ready for operation. If the Evaporative Cooler continues to show the symptoms as described above, please refer to a Qualified Service Technician or contact TQB Brands via [sales@tqbbrands.com.au](mailto:sales@tqbbrands.com.au) or 03 9357 8440.**

## Parts Diagram



## Parts List

Part #	Description	QTY	Part #	Description	QTY
1	Control Panel & Label	1	17	Front Wheel	2
2	Display Board	1	18	Drain Valve	1
3	PC Board	1	19	Pipe Clamp	3
4	Capacitor	1	20	Water Pipe	1
5	Automatic Diffuser	1	21	Fan	1
6	Cooling Casting	1	22	Fan Motor	1
7	Front Mesh	1	23	Water Distributor	1
8	Cable Reel	2	24	Fan Bracket	4
9	Water Level Displayer	1	25	Cooling Pad	1
10	Water Inlet Hole	1	26	Dust-Proof Net	1
11	Wire Ring	3	27	Cooling Pad Fasten Sheet	1
12	Electric Wire	1	28	Water Pump	1
13	Water Level Sensor Fixture	1	29	Stainless Clip	2
14	Water Level Sensor	1	30	Water Pump Platen	1
15	Water Tank	1	31	Float	1
16	Back Wheel	2	32	Remote Control	1