

SPECIFICATION OF DESERT COOLER: WEX/6160/001/REV.00
Mat. Code No.: HW8879400002

1. **SIZE:** L X B x H = 660 x 660 x 825 mm³. (26" x 26" x 32.5") Approx.
2. **Body:** Construction as follows:-
 - a. **Top cover and pillars of 20 SWG (0.9 mm) GI Sheets.**
 - b. **Side Panels of 22 SWG (0.7 mm) GI Sheets.**
 - c. **Tank Height 7" Made Of 20 SWG (0.9 mm) GI Sheets.**
 - d. **Front Grill and directional grills of plastic or GI Sheets.**
3. **Fan motor:** 500mm sweep cooler fan, Three speed (high/medium/low) with metallic blade duly painted with synthetic anti corrosive oven cured paint fitted to body, Fan motor of Bajaj/Khaitan/Crompton/GEC/Usha Make only will be accepted . Input capacity 280 watt (approx.), 1400 rpm, 220 ± 10 volt, 50 HZ, Air Delivery 4000 M³/Hr.
4. **Pump Motor:** Input capacity 18 watt (minimum), speed 2800 rpm, 230± 10 volt, 50 Hz. Bajaj/Khaitan /Crompton/GEC/Usha make only will be accepted.
5. **Switches:** one piano switch and one speed selector switch (4 positions) for control of pump and fan respectively will be provided on the body.
6. **Pads:** Wood wool pad of proper thickness will be provided in each panel placed in non-corrosive wire mesh and tightened at places with side panels to avoid sagging.
7. **Drain plug:** An accessible Brass drain plug shall be fitted on the left/right side on the cooler body.
8. **Cord:** 40/0.25 mm (1.5 mm sq.), 3 core flexible cord PVC sheathed and insulated (as per IS 694/1977), 05 mtr. long with three pin 15 amp. and ISI marked Bakelite plug top shall be provided for power supply to cooler.
9. **Guarantee/ Warrantee Certificate:** GC/WC against any manufacturing defect in respect of fan motor and pump motor assemblies shall be of 01 year from the date of dispatch of material.
10. Cooler shall be delivered in central plant store of BHEL, Haridwar duly assembled and complete in all respect and in working condition.

Achish
09/03/17
Achish Maithani
Sr. Engrs. (WEX - Ac)