

Guide Specification for Air Purification/Sterilization Unit

1. The basis of design shall be Air Medic model TIF -06 unit as manufactured by Temspec Inc.
2. The cabinet shall be manufactured from 20ga powder coated steel lined with ½", (13mm), glass fibre insulation bonded with thermosetting resin and coated on the airstream side with an acrylic facing
3. The fan shall be a backward inclined impeller fan with variable speed EC motor
4. Maximum energy consumption delivering 400 CFM, (190 l/s), must not exceed 48 watts
5. Maximum sound level at 400 CFM, (190 l/s), must not exceed 48 dBA
6. The unit shall have a MERV 10 minimum disposable pre-filter
7. The unit shall have a 6", (150mm) H.E.P.A. filter with efficiency of not less than 95% on 0.3 Micron particles (M16)
8. The unit shall be equipped with 6ft, (2m), power cord
9. The unit shall have a vertical sloped discharge air opening
10. The unit shall be 100-130VAC and be equipped with a fan speed adjustment to control the fan speed from 10% to 100%
11. Maximum dimensions to be 22"W x 20"L x 36"H (560mmW x508mmL x 915mmH)
12. Maximum weight shall not to exceed 95lbs, (43kg)
13. Additional Options (select applicable)
 - a. The unit shall be equipped with MERV 8 activated carbon filter
 - b. The unit shall be equipped with a bi-polar ionization unit
 - c. The unit shall be equipped with a UV-C light
 - d. The unit shall be equipped with casters (lockable)

END