

MAINTENANCE

ONCE IN A WEEK :

- Check Inside area of AHU condition at weekly intervals. Clean, wash if necessary.

ONCE IN A MONTH

- Check fan belt tension and adjust if necessary.
- Check the condition of access door hinges and lubricate if necessary.
- Check the fan motor running current.
- Check function controls and their effect on A.H. Unit components.
- Check fan and motor bearings.
- Check the operation of dampers.
- Check the AHU door panel frame for proper sealing.
- Check the access doors for easy operation and proper locking.
- Check motor and fan bearing lubrication.

Impeller removal for some reason,

For some reason, if it is required to take the impeller out for cleaning, following procedure is recommended:

- Loosen motor mounting bolts and remove the motor.
- Remove belts and bearings.
- Loosen the fan fixing screw and withdraw the shaft.
- Unbolt the flexible connection on fan discharge.
- Turn the fan assembly by 90.
- Take out the impeller from the fan discharge opening. Handle carefully while cleaning, to avoid any damage to blades.

CLEANING OF DOUBLED SKIN PANELS.

All panels are double skinned and they can be easily detached from the framework by removing screw with simple hand tools. They can be cleaned or washed. However it must be ensured that they are completely dry prior to re fixing. Do not drop any heavy weights or sharp edge tools etc. It might damage the plasticized finish or puncture the aluminium panels.