



Fan equipment not installed immediately should be protected so as to remain dry at all times.

Temporary Storage: (One month)

Store in a dry area, which is free of any vibration, and protect from extremes and rapid changes in humidity and temperature.

- (a) Temperatures: between 50°F (10°C) and 120°F (49°C)
- (b) Maximum relative humidity: 60%
- (c) Shock or vibration: 2 mils displacement maximum to prevent bearings from brinelling exceeding this limit will require vibration dampening material under the fan equipment.

Extended Storage: (Over one month)

Motor bearings and fan bearings are to be lubricated at the time of placement into extended storage. Motor shafts and fan shafts are to be manually rotated every month with a resulting position different to the initial position and additional lubricant added, purging some of the lubricant in the bearing cavity every six (6) months.

LUBRICANT IN THE BEARINGS IS TO BE PURGED AT THE TIME OF REMOVAL FROM STORAGE, ENSURING THAT AN AMPLE SUPPLY OF FRESH LUBRICANT IS IN EACH LUBRICANT CAVITY. LUBRICANT USED MUST BE COMPATIBLE WITH THE LUBRICANT ALREADY IN THE MOTOR AND FAN BEARINGS.

Electric motors in storage may absorb moisture in their windings, which may result in a significant loss of insulation resistance. When removed from storage the insulation resistance of all motors should be checked in accordance with the motor manufacturer's instructions or in accordance with IEEE standard 43 –1974 "IEEE Recommended Practice for Testing Insulation Resistance of Rotating Machinery". Motors with insufficient insulation resistance must be cleaned and dried in accordance with motor manufacturer's instructions or IEEE standard 43 – 1974 to return the insulation resistance to acceptable levels. THE APPLICATION OF POWER TO A MOTOR WITH INSUFFICIENT INSULATION RESISTANCE MAY RESULT IN DAMAGE TO THE MOTOR OR DAMAGE TO OTHER EQUIPMENT.

On v-belt drive fans, belts should be checked at the time of removal from storage for proper v-belt tension. Tighten belts if necessary (refer to the pre operation check section of the Installation & Maintenance Guide)

When installing fan equipment after storage, follow the instructions contained in the Installation & Maintenance Guide

Storage records evidencing compliance with the above requirements should be maintained by the purchaser and submitted to the manufacturer on a monthly basis until the time of start up. Failure to comply with these instructions will void the warranty.