

Please read carefully before attempting to assemble, install, operate or maintain the HVTC truck cooler. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain instructions for future reference.

## DESCRIPTION

Patterson's direct drive truck cooler is designed for ventilating tractor-trailers. This compact unit is mounted at the upper right or left corner of the door opening. The single phased motors are permanent split capacitor types with appropriate capacitor attached, automatic reset thermal protection. The three phased motors have automatic reset thermal protection as well.

## GENERAL SAFETY INSTRUCTIONS

 **WARNING: Disconnect power source before installing or servicing. Failure to disconnect power source can result in fire, shock or serious injury.**

1. The HVTC truck cooler should be installed and serviced by a qualified technician only.
2. Follow all local electrical and safety codes, as well as the national Electrical Code (NEC) and the Occupational Safety and Health Act (OSHA) in the United States.
3. Unit should be installed, protected and fused in accordance with the latest issue of the National Electrical Code, NEMA Standard Publication No. MG 2 and local codes.
4. Motor must be securely and adequately grounded. This can be accomplished by wiring with a ground, metal-clad raceway system, using a separate ground wire connected to the bare metal of the motor frame, or other suitable means.
5. Always disconnect power source before working on or near a motor or its connected load. Lock it in the open position and tag to prevent unexpected application of power.
6. In accordance with OSHA requirements, guarding is required if unit is mounted less than 7' 6" feet above floor or where workers have access.
7. Keep hands and clothing away from moving parts.
8. Be careful when touching the exterior of an operating motor; it may be hot enough to cause injury. With modern motors, this condition is normal if operated at rated load and voltage and built to operate at higher temperatures.
9. Protect power cable from coming into contact with sharp objects.
10. Do not kink power cable and never allow cable to come in contact with oil, grease, hot surfaces or chemicals.
11. Make certain that the power source conforms to requirements of your equipment.