

# Challenger EnviroVAC

## Liquid Evacuation System

### ***Assembly***

- 1) Unpack and check unit for damage. Report any damage or shortage to the Challenger Service Department at (800) 648-5438.
- 2) Install a quick disconnect fitting that matches those currently used in your shop. (The pump intake is 1/8 NPT)

### ***Operation***

When alerted by the Challenger DeTEK system of fluid build up (approximately 8 gal.) Simply connect the quick connect fitting (16552) with the mating fitting at the end of the PVC chase. Connect the unit to a suitable air supply (30-75 psi) through the Quick Disconnect fitting described in Assembly Step 2. The EnviroVAC will draw a vacuum in the drum until fluid is pulled from the cassette lift (approximately 1gal. /min.). When no more fluid is being drawn through the pick up tube, disconnect the air supply and quick connect coupling. The drum will hold 16 gallons of fluid. The unit can be emptied through the drain valve (16512).

*Caution: The evacuated fluid may contain hazardous materials that should not be drained directly into the sewer or floor drain.*

When using this Challenger EnviroVAC without the Challenger DeTEK system, schedule evacuation of fluid according to shop conditions and historical service information.

### ***Trouble Shooting***

- 1) Fluid coming out of exhaust muffler
  - a) The drum is full - Empty drum.
  - b) Air supply condensation - install dryer/water separator.
- 2) Will not draw vacuum
  - a) Drain valve is open - close valve.
  - b) Poor line connections - check all fitting for leaks
  - c) Pick up tube does not reach fluid - no evacuation is necessary.

**Parts Break Down**

