

INSTALLATION INSTRUCTIONS

DOUBLE WALL FIBERGLASS SUMPS INTEGRITY TEST TROUBLESHOOTING PROCEDURE



IMPORTANT

Please read all warnings and follow the installation instructions completely and carefully. Failure to do so may cause product failure, or result in environmental contamination due to liquid leakage into the soil, creating hazardous spill conditions.



WARNING - DANGER

Using electrically-operated equipment near gasoline or gasoline vapors may result in fire or explosion, causing personal injury and property damage. Be sure that the working area is free from such hazards and always use proper precautions.

Introduction

This procedure should only be used when a double wall sump has failed a vacuum integrity test and the vacuum leak could not be found otherwise. Pressure tests can be very helpful in identifying leaks, but they can also be very dangerous and can damage equipment if not performed properly. Always take extra caution when applying pressure and *never exceed 2-3 psi* for any reason. Failure to follow this guideline could result in equipment damage and even personal injury.

Components Overview

Materials Needed:

- PCI Double Wall Vacuum Test Kit
- Compressed Air Source
- Pressure Regulator 0-5 psi range
- 5/16 nut driver
- Razor Knife
- Hose Clamps
- Spray Bottle with Soap Mixture

1 Connect Pressure Regulator

Connect pressure regulator to air supply and set regulator to 2-3 psi.

2 Close Ball Valve

Close ball valve.

3 Attach Pressure Regulator

Attach pressure regulator and slowly open ball valve until 2-3 psi is applied to the sump wall.

4 Spray Hose Connections

Using a soap water mixture, spray all hose connections, sump wall penetrations, seams, and any other areas that could be a potential leak point until all leak points have been identified.

5 Circle Leaks

Circle all leaks with a permanent marker.

6 Remove Pressure

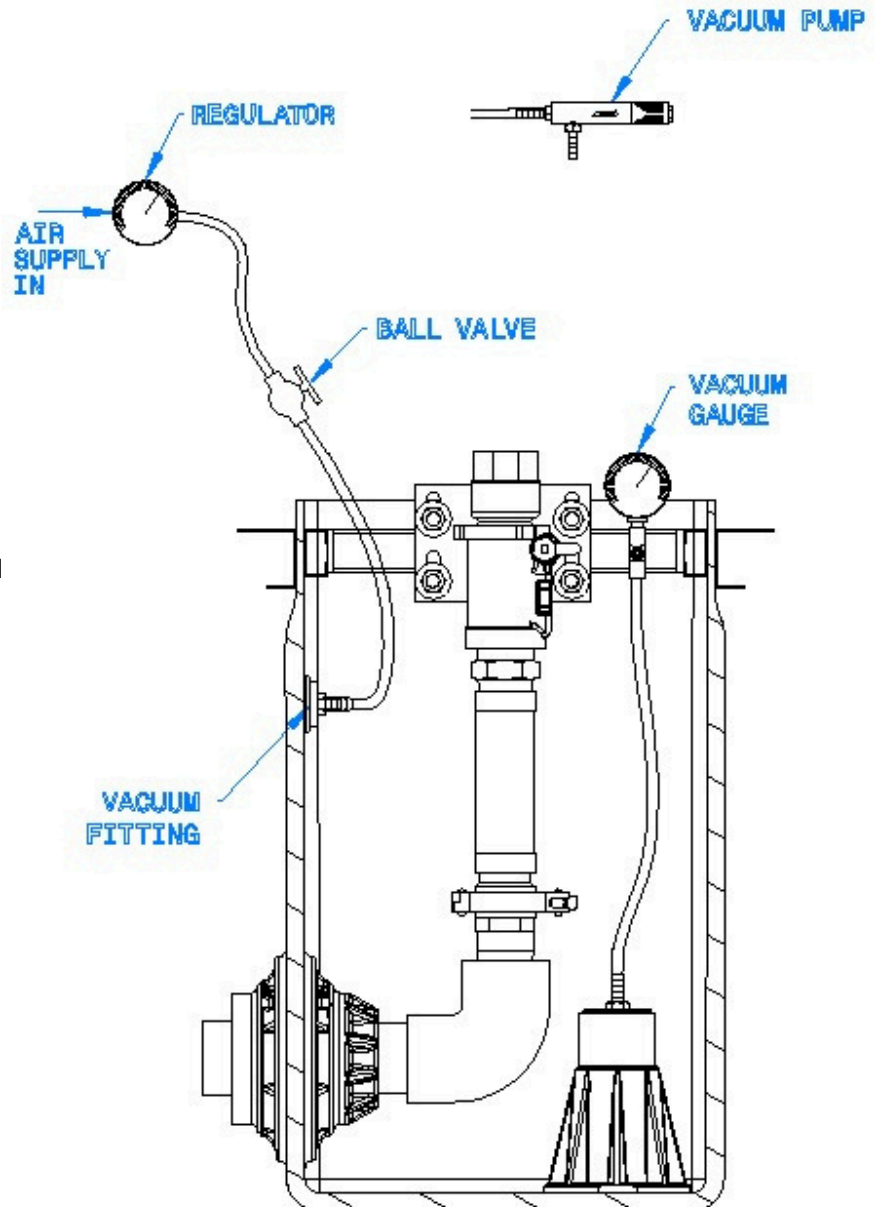
Remove pressure from sump wall and return to atmosphere.

7 Dry Sump

Dry sump completely and repair all leaks.

8 Perform Integrity Test Again

Once all repairs are complete and cured, perform integrity test once again.



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