



BY JOHNSON CONTROLS

Service Information

File In/With: N/A

SI0208

New

509

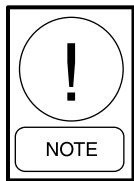
Equipment Affected: YIA / YPC
Chiller Products

Field Service Best Practices

Installing the Tygon wire-reinforced hose to the vacuum pump suction connection

This connection can be difficult to make with conventional tools and methods. The best practice to easily make this connection is as follows:

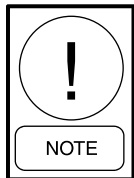
1. Insert about three inches of the Tygon hose (028-13535-000) end into a metal container filled with water.
2. Heat the water to about 180°F (82°C) using a small hand held propane torch or similar technique to soften the hose and expand the wire.
3. Apply a small amount of vacuum grease (011-00901-000) to the suction connection fitting on the vacuum pump.
4. Quickly remove the hose from the water and slip it over the pump connection, apply the hose clamp and tighten.



Always bubble check the tightness of your pump connections before putting the unit into service.

Factory installed rupture disk gasket

A new production unit will come from the factory with a thin Teflon gasket between the rupture disk flange and unit side holder. This gasket will NOT be noticed unless the rupture disk is removed.



The disk and gasket are one time usage only items, do NOT re-use the gasket.

In the event you have to remove the rupture disk, it is NOT required to replace the Teflon gasket. The reason for this is the factory is capable of checking a new unit to much lower leak rates than is possible in the field, thus the rupture disk gasket is needed. However after the unit is charged in the field, leak checking at factory levels is not possible and the gasket is NOT required.