

# Instructions

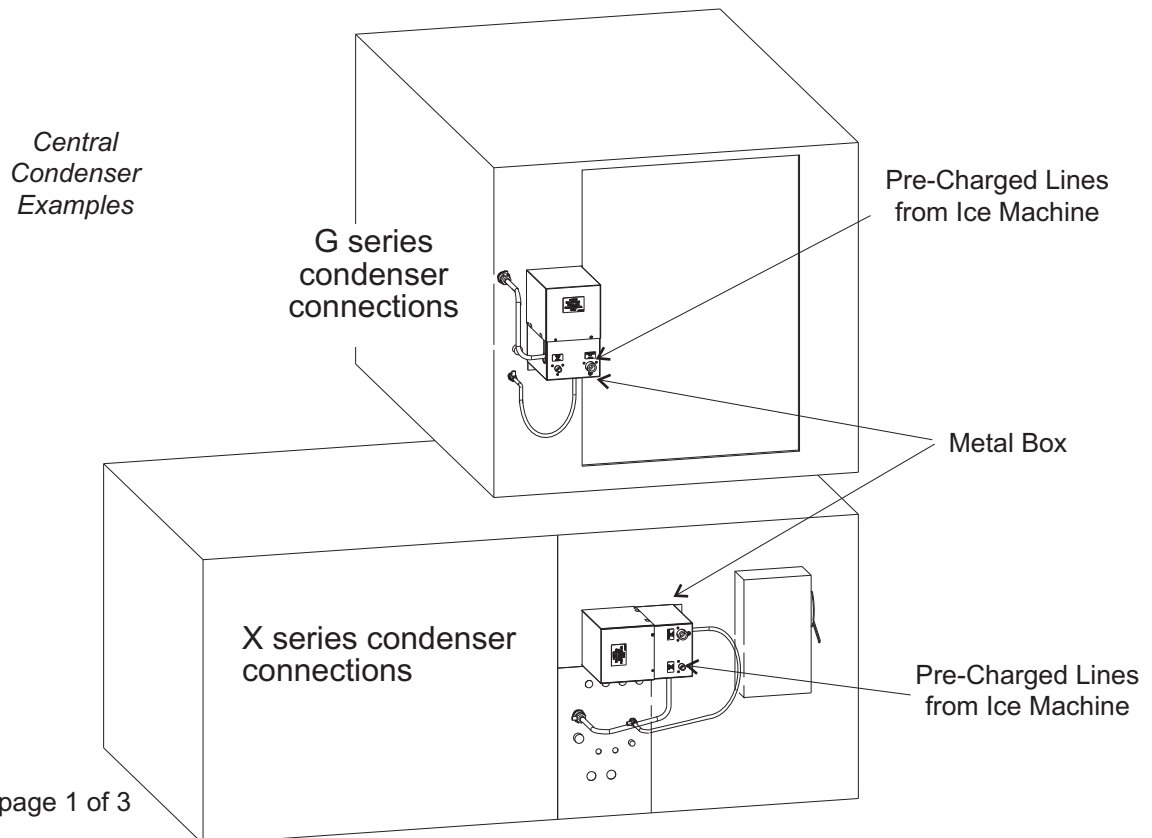
## Head Pressure Control Add-On Kit

**Required when a C0830R, C1030R or C1448R is to be connected to a Remote Condenser coil that is not equipped with a Head Pressure Control Valve.**

Fits two types of central condensers. Rotate the box and move the tubing to align the fittings to those on the condenser to be used.

Required Tools: Screwdriver; Drill; 5/32" drill bit; Two Adjustable Wrenches; POE Oil

1. Remove cover from metal box.
2. Locate correct position on condenser: Note locations from illustration below.
3. Use metal box as a template, mark the positions of 4 holes to be drilled to mount the box to the condenser.
4. Drill four .157" (#22 or 5/32" bit) dia. holes. Be SURE that there are no functional components in line with the holes being drilled.
5. Secure the box to the condenser sheet metal.



# Condenser Coil Connection

The condenser coil may contain refrigerant or nitrogen or it could be empty.

Check at the access valve with a leak detector to confirm the contents. If refrigerant, it will be R-404A and you can connect the headmaster kit.

If it is not refrigerant, purge it and then evacuate the coil. Then add a small amount of R-404A before connecting the headmaster kit.

If it is empty, evacuate it, add some R-404A and check for a leak. If no leak is found connect the headmaster kit.

## Coupling Attachment

Connect the coupling to the matching fitting on the G or X series condenser, as shown on page 1.

6. Remove plastic covers from the condenser's quick connects and those to be used to connect to the condenser.

7. Thoroughly clean and lubricate the threads and diaphragms of both the condenser's and the kit's quick connects. Use Polyolester oil.

8. Mount the box to the condenser with the screws from the kit.

9. Start the swivel nuts by hand.

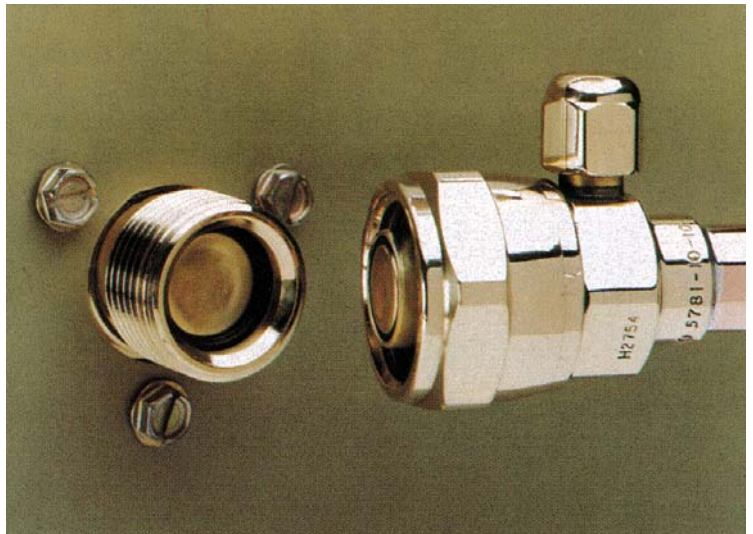
- Use a back up wrench to be certain that the tubing is NOT ROTATING. Only the SWIVEL NUTS should be rotating!
- Then use an adjustable wrench to tighten them until no threads are seen AND a very definite resistance is felt.

10. Mark the positions of the swivel nuts to the condenser panel.

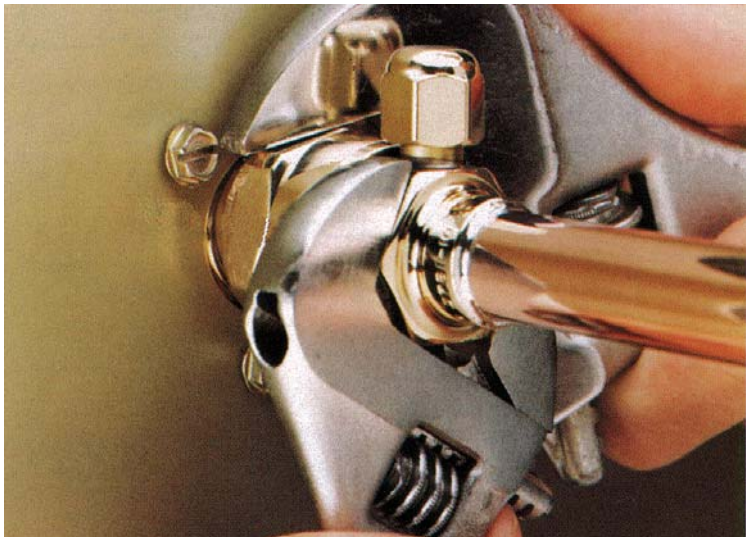
11. Rotate the swivel nuts additional one-quarter turn.

12. Place cover on metal box & secure with screws.

13. Finish the balance of the installation. Ice machine's precharged line sets will now connect to the quick connect fittings on the metal box instead of the condenser's.



**Clean and Lubricate Couplings**



**Tighten Swivel Nuts**



**Rotate Each Swivel Nut  $\frac{1}{4}$  Turn More**