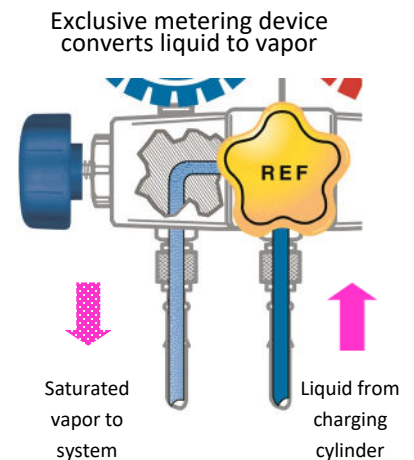
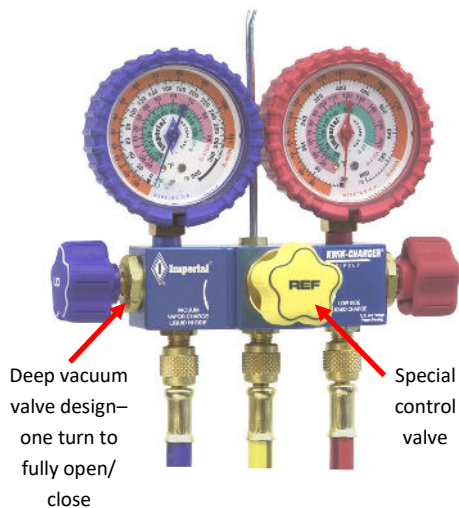


Date: March 10, 2018 Model: 700 Series Manifolds
 Subject: Features and Operation of Kwik-Charger™ Manifold with Built-in Liquid Low Side Charger

Features of the tool:

- ◇ Essential for today's blended refrigerants
- ◇ Safely liquid charge any system
- ◇ Up to 8 times faster than vapor charging
- ◇ Maintains the characteristics of the refrigerant blend
- ◇ All-in-one—no connecting or disconnecting special adapters for charging blended refrigerants
- ◇ No pressure drop in cylinder—no need to heat refrigerant cylinder
- ◇ Easily serviceable filters in all manifold port fittings



Modern refrigerant gases are required to be liquid charged. However, liquid charging is risky and can damage the compressor if not performed with care. The Imperial Kwik-Charger manifold eliminates these risks by ensuring the integrity of the refrigerant is maintained while keeping it as a saturated vapor, so no liquid reaches the compressor during charging.

To Liquid Charge:

Turn the yellow “REF” valve fully clockwise to the “LOW SIDE LIQUID CHARGE” position finger tight. Close the red “HI” side valve. Invert refrigerant tank (if required). The compressor must be running. Open refrigerant tank supply valve and manifold’s blue “LO” side valve. After dispensing proper amount of refrigerant, close the manifold’s blue “LO” side valve and close refrigerant tank supply valve.

To Liquid Recover:

Connect center (REF) port of manifold to system and the low side port to recovery suction valve. The built-in metering device ensures no liquid reaches the recovery unit, thus prolonging the life of the unit and providing for faster, safer refrigerant recovery.

⚠ WARNING: WEAR EYE PROTECTION 

CAUTION: Always turn the “REF” valve clockwise, finger tight, to the “LOW SIDE LIQUID CHARGE” position for liquid low side charging. The compressor must be running during this process.

Charge all refrigeration and air conditioning systems according to manufacturer specifications.