

REFRIGERANT CHARGING & RECOVERY

KWIK-VISE™

Refrigerant Recovery Tool

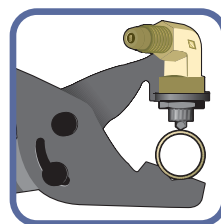
PT-109 Line piercing/refrigerant recovery tool pierces, seals and locks on to copper lines in one swift motion.

Self-adjusting! No need to adjust the tool for different sizes of tubing. The patented tension system automatically locks pliers on copper tubing 1/4" to 1/2" (6 mm-12 mm) O.D.tubing.

To use, simply position the PT-109 on the tubing to be pierced. Close the pliers quickly and firmly. The pliers will automatically adjust and lock into a tightly sealed, secure position.

Features

- Replaceable hardened, stainless steel pierce and brass valve assembly (S16002045).
- Capacity: 1/4" thru 1/2" O.D.refrigerant copper tubing.
- Durable: made with high-carbon, heat treated steel jaws.
- Works with all refrigerants CFC, HFC, HCFC and Zeotropic, Azeotropic.
- 90° elbow valve eliminates tangling and interference problems.



PATENTED PT-109



KWIK-CHARGE™

Liquid low side charger provides fast, safe charge essential when using tracing dye.

Kwik-Charge accepts liquid refrigerant from the cylinder and discharges into low side of the system. Charging rate is up to eight times faster than vapor charging. In addition, liquid charging is required when using R-410A and other blended refrigerants. Kwik-Charge is attached to the low side of the charging manifold. Charging hose is connected from Kwik-Charge outlet to low side of refrigeration system. Internal Kwik-Charge metering element reduces liquid flow to a level below capacity of compressor. This assures a safe, fast charge without endangering the compressor. A built-in ball check valve automatically opens when drawing a vacuum to assure rapid, unrestricted evacuation. Can be used with all fluorinated hydrocarbon refrigerant systems.

Features

- Up to 8 times faster than vapor charging.
- No need to heat refrigerant cylinder.
- Built-in check valve opens for drawing unrestricted vacuum.
- No pressure drop in cylinder.
- One charger services all units 1/2 ton or larger.



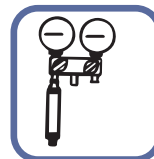
535-C

535-C Kwik-Charge 1/4" female SAE flare inlet, 1/4" male SAE flare outlet.

545-C Kwik-Charge 5/16" female SAE flare inlet, 5/16" male SAE flare outlet.

CONNECTION TO MANIFOLDS (connect all hoses as usual)

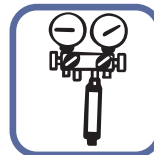
2-Valve Connect Kwik-Charge™ to low side fitting. Arrow downward.



Kwik-Charge™ can be connected to refrigerant cylinder rather than manifold.



4-Valve Unscrew Kwik-Charge™ end fitting & reverse, then connect to refrigerant fitting as shown (flow arrow on body points upward).

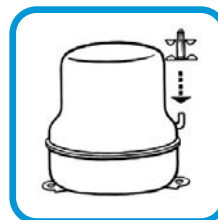


PROCESS TUBE ADAPTER FOR CHARGING & TESTING

Offers a convenient method of making a service connection to a hermetic unit. Also ideal for providing a connection in testing coils and tubing installations. Handles pressure to 100 PSI.

To connect to a hermetic system, pinch-off tube is cut off and adapter is slipped over cut end of tube and tightened. Synthetic rubber seal of adapter grips and seals outside of tube. This gives a 1/4" SAE male flare connection to the system for evacuating, charging or testing.

After system is recharged, tube is pinched off next to adapter. Adapter is then removed and tube is cut off and sealed with solder. Adapter can be reused repeatedly.



241-F-03



CATALOG NUMBER	TUBE O.D. (in.)	SAE FLARE END (in.)
241-F-03	3/16	1/4
241-F-04	1/4	1/4
241-F-05	5/16	1/4
241-F-06	3/8	1/4

Pinch-off tube on hermetic compressor is cut off and 241-F is placed on tube. Charging line is connected to flare end of 241-F.