

Instructions for KWIK-CHARGE™

KWIK-CHARGE™

Liquid low-side charger
for air-conditioning and
refrigeration systems

Provides Fast, Safe Charge Essential When
Using Tracing Dye

- Up to 8 times faster than vapor charging
- No pressure drop in cylinder
- No need to heat refrigerant cylinder
- One charger services both large and small systems
- Built-in check valve opens for drawing unrestricted vacuum
- Can be used with all fluorinated hydrocarbon refrigerant systems

INSTRUCTIONS:

1. The KWIK-CHARGE™ may be used with a charging manifold, a calibrated charging cylinder, or with any other charging equipment. Installation can be made by any of the methods illustrated. After installing, connect all hoses as usual.
2. When pulling a vacuum, do so in the normal manner. The vacuum will activate the automatic bypass inside the KWIK-CHARGE™ and provide a full flow path for rapid evacuation.
3. Isolate refrigeration unit from vacuum pump after desired degree of evacuation is reached. Then slightly pressurize system with refrigerant vapor (approx. 5 PSI).
4. Put refrigerant system into operation.
5. With the system running, proceed to charge the refrigerant unit.
6. Charge each system according to the system manufacturer's recommendation.

CAUTION:

A minimum hose length of 3 feet should be maintained between the KWIK-CHARGE™ and low-side charging port on refrigeration system.

Be sure to observe all safety practices regarding handling of refrigerants, including the wearing of eye protection. Cap the ends when not in use.



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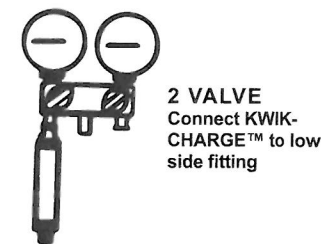


Using the KWIK-CHARGE™ provides a safer, faster method of charging fluorinated hydrocarbon refrigerants into the low pressure side of a refrigerated system.

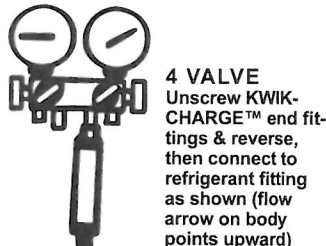
Vapor charging is also within the capacity of this unit, although it is primarily intended for liquid charging.

KWIK-CHARGE™ may remain attached to the low-side port of the charging manifold while performing the usual service and diagnostic operations involved in maintaining a refrigeration system. An automatic bypass valve permits full flow during any reverse cycle operation such as pulling a vacuum.

CONNECTION TO MANIFOLDS (connect all hoses as usual)

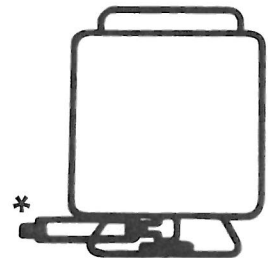


2 VALVE
Connect KWIK-CHARGE™ to low side fitting



4 VALVE
Unscrew KWIK-CHARGE™ end fittings & reverse, then connect to refrigerant fitting as shown (flow arrow on body points upward)

ALTERNATE METHOD



2 OR 4 VALVE
Connect KWIK-CHARGE™ to refrigerant cylinder rather than manifold

*Some tanks need not be inverted. Hook to liquid connection.

