

DP/MAP/PS: AS MARKED ON THE VALVE

Marked Pressure (psig)	Bar	kPA
700	48	4826
775	53	5343


 Refrigerant Valve
 307G

COT/TS: -40°F TO 300°F/-40°C TO 149°C

For use with CFC, HFC, HCFC and HFO refrigerants listed in CAN/CSA B52 and ANSI/ASHRAE 15, sec. 9.2 where saturation vapor pressure at 125°F (high side) and 80°F (low side) is less than the Maximum Design Working pressure. After charging, mark unit with refrigerant type and oil used. Not suitable for use with ammonia (R717). Please contact the factory for specific refrigerant (and oil) related applications.

Due to the necessary design of the valve, the valve should be tightened in the counter clockwise position (Fully Open) with no more force than can be applied to the hand wheel by the finger tips. Tightening the valve beyond finger-tight in the Fully Open position will not improve the function of the part. Any torque higher than **45 in.-lb**, may cause the valve to bind in the fully open position. If the hand wheel cannot be actuated in counter clockwise direction, the valve is fully open.

- THE ARROW on the body indicates the preferred direction of flow for best continued results.
- Maximum Differential Pressure:
 - with the flow in the direction of the arrow on body: MARKED PRESSURE ON VALVE
 - with the flow against the direction of the arrow on body: 350 psig/24 bar

PLEASE READ CAREFULLY BEFORE INSTALLING VALVE.

1. If the valve is of the solder end type—be sure valve is in the fully opened position before beginning the soldering operation. Apply only enough heat to permit the introduction of the solder. Do not overheat—and do not allow the flame to envelop the entire body.
2. If the valve is to be silver soldered, remove the handwheel and place a wet cloth around the valve body. Regulate the torch so as to produce a brush type flame, apply heat close to the fitting end in such a way as to be directed away from the body of the valve.
3. Observe manufacturers' instructions and safety precautions when using all types of flux and solder.
4. Because of the special equipment and extreme care required in assembling these valves at the factory, disassembly of the valve is not recommended in the field.

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