LICHAMP



AC Diagnostic Manifold Gauge Set

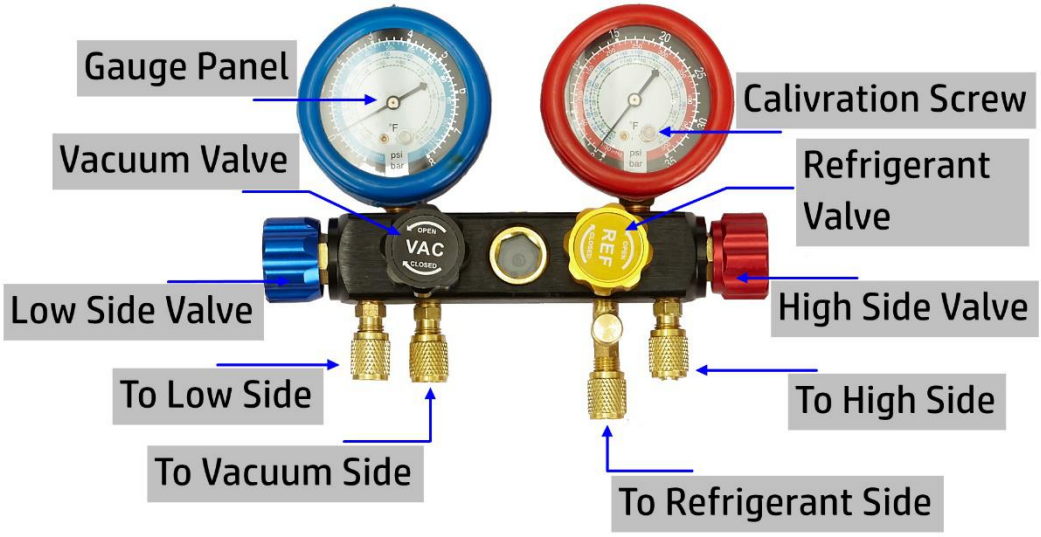
Specification		Compatibility
Blue Gauge Pressure	0-550 PSI	R134A
Red Gauge Pressure	0-800 PSI	R22
Burst Pressure	4000PSI	R404A
Max Working Pressure	800PSI	R410A



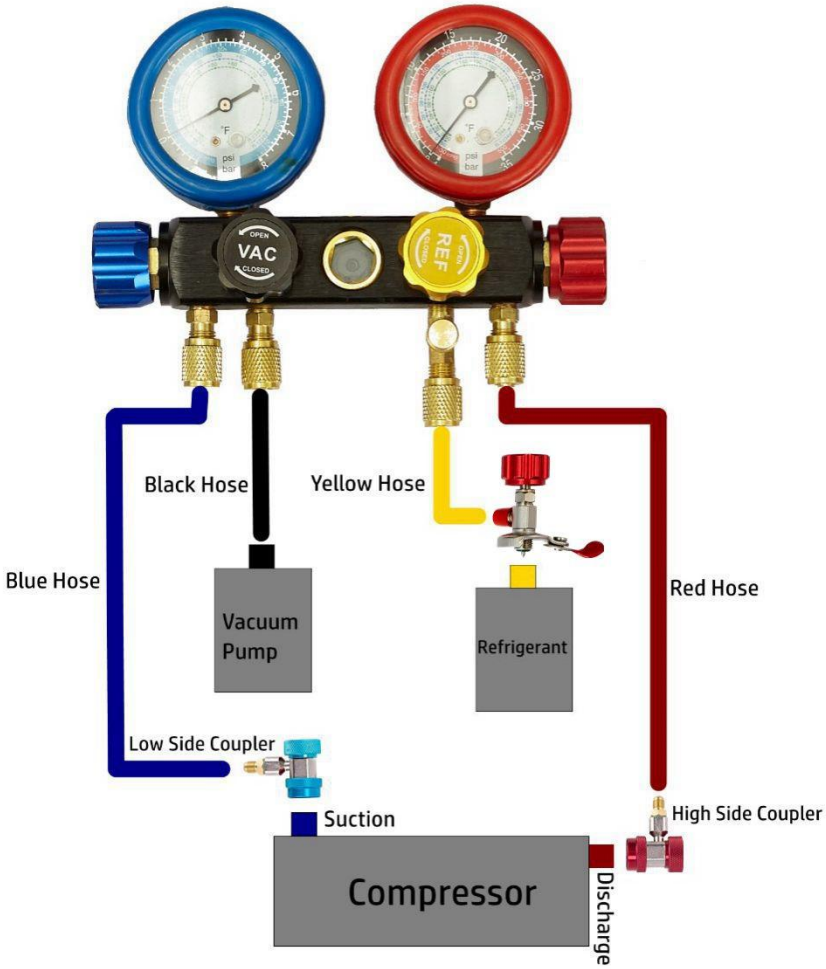
PACKAGE LIST

NO.	Content & Specifications
1	**Gauge**, 4 Valve, Compatible with R134A R22 R404A R410A Refrigerants, **1 Piece**
2	**Hose**, 5FT, 4 Color, **4 Pieces**
3	**Quick Coupler**, R134A Adjustable, Two Color, **2 Pieces**
4	**Can Tap**, Adjustable, **1 Piece**
5	**Valve Core Removal Tool**, Thick and Thin Dual Head, **1 Piece**
6	**Gloves**, Rubber Coated, **2 Pieces**
7	**ACME + Tank Adapter**, Copper, **2 Pieces**
8	**Other Accessories**, Hose Valve Core, O Ring, **1 Case**

GAUGE SCHEMATIC



CONNECTION GUIDE



OPERATION GUIDE

EVACUATION

1. Connect hoses with all valves closed on manifold.
2. Loosely connect blue & red hoses to compressor & service ports respectively, connect black hose to vacuum pump port.
3. Start vacuum pump.
4. Open vacuum valve (black) on manifold.
5. Open low side (blue) & high side (red) valve on manifold.
6. Open low side (blue) & high side (red) coupler valves.

CHARGING

1. Connect hoses with all valves closed on manifold.
2. Loosely connect blue & red hoses to compressor & service ports respectively, connect yellow hose to refrigerant cylinder through can tap, connect black hose to vacuum pump port.
3. Open refrigerant can tap valve.
4. Open refrigerant valve (yellow) on manifold.
5. Open low side (blue) valve on manifold.
6. Open low side (blue) coupler valve

HOSES PURGING

(with refrigerant gas)
1. Connect hoses as shown with all valves closed on manifold.
2. Loosely connect blue & red hoses to compressor & service ports respectively.
3. Open low side valve (blue) & high side valve (red) valves on manifold.
4. Open valve on refrigerant Tank.
5. Slowly open refrigerant valve (yellow) on manifold until gas escapes from high side (red) & low side (blue) service valve connections.
6. Tighten high side (red) & low side (blue) hose nuts on & service valve connections.

SYSTEM PRESSURES MONITOR

1. Connect hoses as shown with all valves closed on manifold.
2. Loosely connect blue & red hoses to compressor & service ports respectively.
3. Open low side (blue) & high side (red) service valves on compressor.