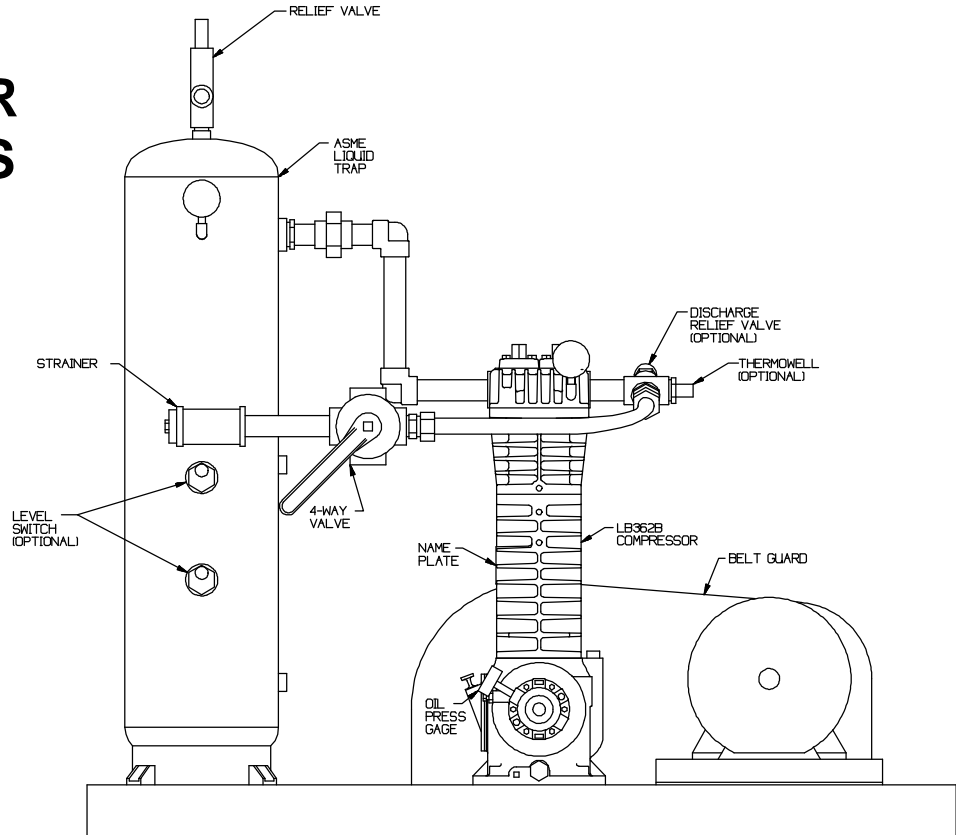


COMPRESSOR SOLUTIONS

HD162A-LC
 Compressor for Refrigerant R134a driven @ 720 RPM



GCI082

Gas:
 Refrigerant R134a
 n = 1.12
 MW = 102.0

Inlet:
 30 - 120 psia
 (2.11 - 8.44 kg/cm² a)
 20 - 100°F (-7 - 38°C)

Outlet:
 40 - 130 psia
 (2.8 - 9.1 kg/cm² a)

COMPRESSOR CONSTRUCTION

PTFE/Nickel Treated Valve

Neoprene
 O-rings

Ductile Iron
 Head and Cylinder

ACCESSORIES

ASME Code Liquid Trap
 Liquid Level Switch

7.5 HP Motor
 Suction Strainer
 Pressure Gauges

4-Way Flow Control Valve
 Two ASME Relief Valves

This HD162 is being used in California to transfer Refrigerant R134a from storage tanks to transports at about 80 gpm (300 lpm). This model features two seals on each piston rod separated by a distance piece to minimize leakage and product contamination. The liquid trap has a float switch to provide a shutdown signal if too much liquid accumulates in the trap. After all the liquid is transferred, the 4-way valve position is reversed to allow the HD162 to recover the remaining vapors. Using this technique, a compressor can transfer all the contents of a vessel - unlike a pump which can transfer only the majority of the liquid portion.