

LB942A-LW

LB Series
LPG Transfer Compressor
driven @ 770 RPM

Gas

Propane
 $n = 1.13$
 $MW = 44.09$

Inlet

55 – 215 psia
 (3.9 – 15.1 kg/cm²)
 20 - 110°F (-7 - 43°C)

Outlet

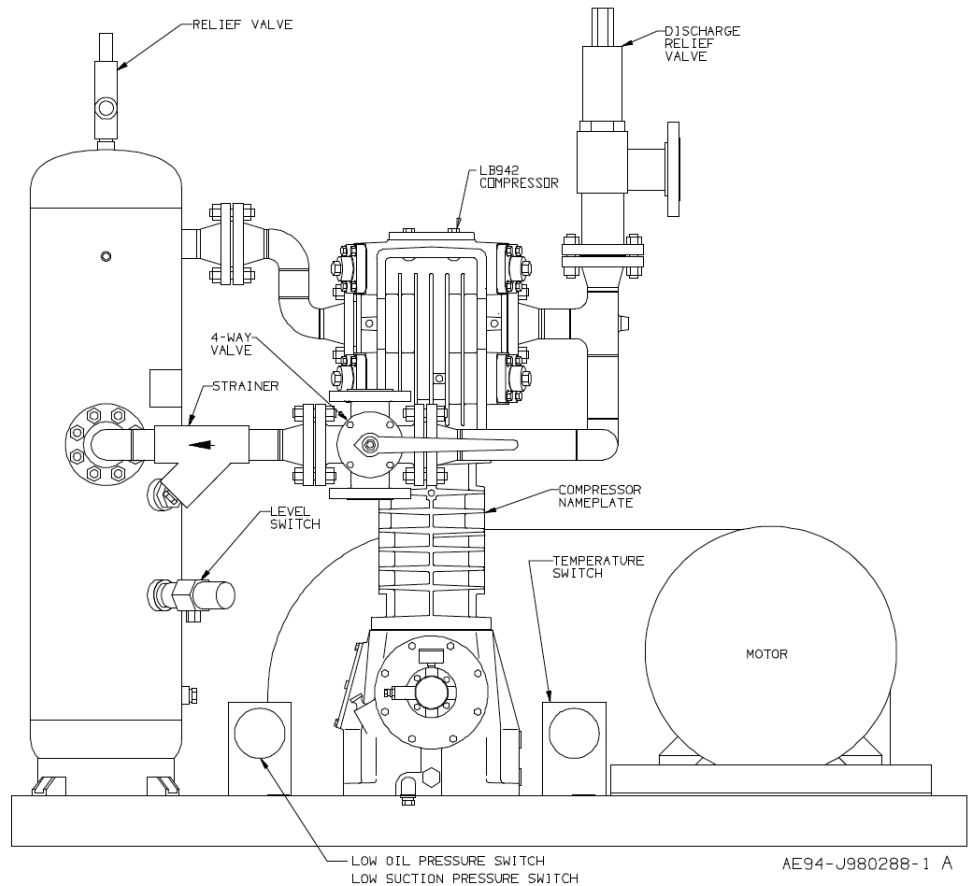
65 - 245 psia
 (4.6 – 17.2 kg/cm²a)

Compressor Construction

Buna-N O-rings
 Ductile Iron

Accessories

- 4-Way Flow Valve
- Pressure Gauges
- Suction Strainer
- ASME Code Liquid Trap
- Trap and Discharge Relief Valves
- 50 HP, 50 Hz Explosion Proof Motor
- High Liquid Level Switch
- Low Oil Pressure Switch
- Low Suction Pressure Switch
- High Discharge Temperature Switch



Installation Example

This compressor is being used in Pakistan to transfer LPG at up to 650 gpm (2,460 lpm). The 4-way flow control valve allows vapors to be recovered after all the liquid has been transferred. The liquid trap, which prevents entry of liquid into the compressor, includes an electrical float switch to monitor the liquid level in the trap to stop the compressor in the event of abnormal operation. An inlet strainer stops foreign material from entering the compressor while relief valves prevent excessive pressures. The motor and switches are all explosion proof.