

LB601-TU

LB Series

Transfer Unit driven @
730 RPM and 495 RPM

Gas

Propane
n = 1.13
MW = 44.1

Inlet

25 - 175 psig
(1.8 – 12.3 kg/cm² a)
Ambient Temperature

Outlet

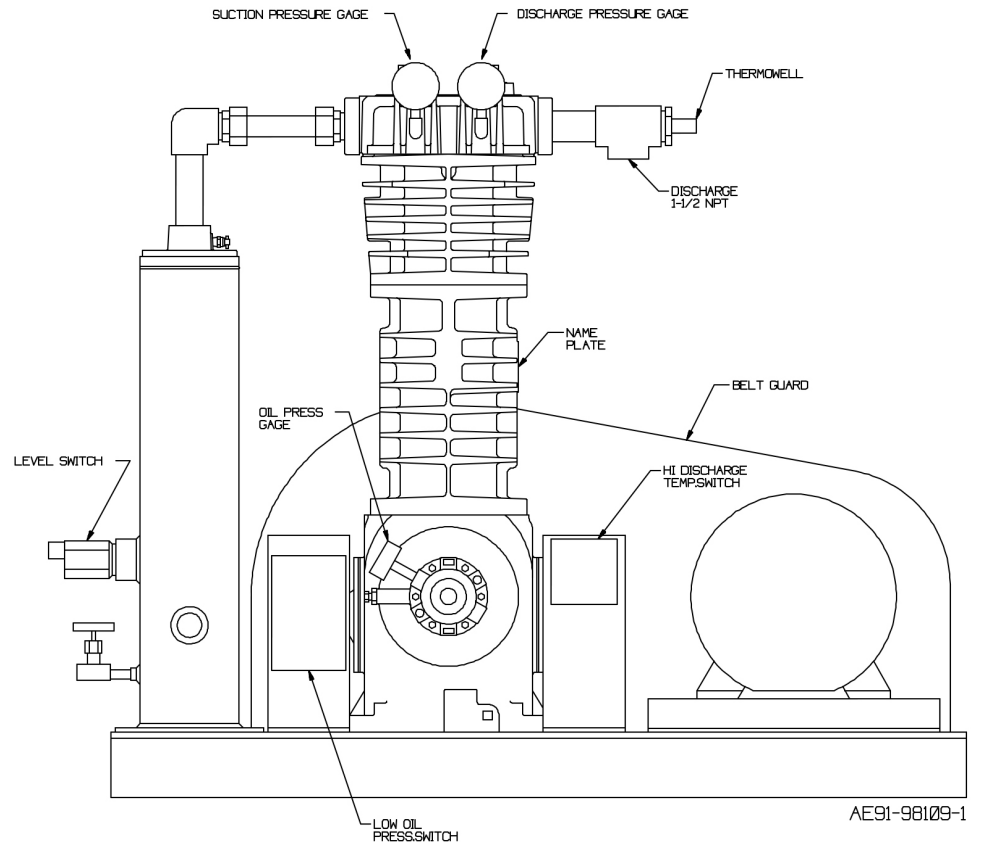
50 - 200 psig
(3.5 – 14.1 kg/cm² g)

Compressor Construction

Buna-N O-rings
Aluminum Gaskets

Accessories

25 HP Motor
Low Oil Pressure switch
Liquid Trap with Float Switch
High Discharge Temperature Switch
with Thermowell
Pressure Gauges for suction and
discharge gas pressures and
crankcase oil pressure
All electrical devices are explosion
proof



Installation Example

Eight of these LB601s are being used to transfer Propane from rail tank car to storage in Wyoming. The transfer rate will be about 200 gpm (45 m³/hr) when the product is at 50° F (10° C) for the 495 rpm units and about 300 gpm (68 m³/hr) for the 735 rpm units. The liquid trap helps prevent condensed liquid in the suction line from entering the compressor. The liquid level switch will stop the compressor in the event of excess liquid in the trap. The low oil pressure and high discharge temperature switches provide additional protection for the compressors.