

LB602-LU

LB Series

Liquid Transfer and Vapor Recovery Units driven @ 560 RPM

Gas

Propane
i-Butane
N-Butane
N = 1.12
MW = 48.3

Inlet

20 - 135 psig
(1.4 – 9.5 kg/cm²g)
Ambient Temperature

Outlet

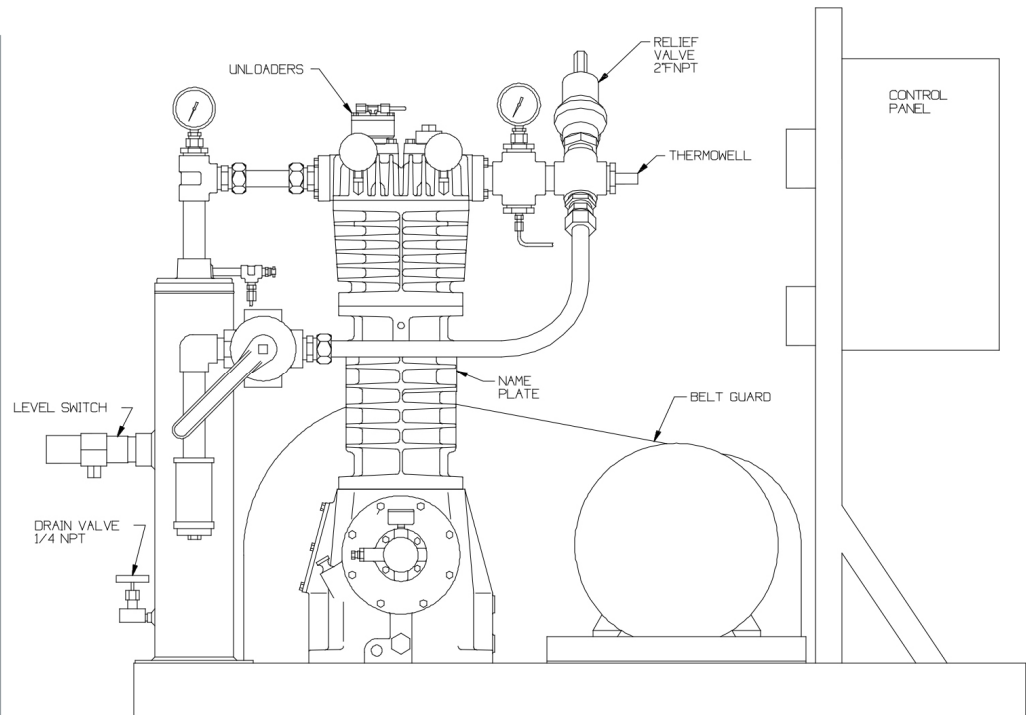
90- 205 psig
(6.3 – 14.4 kg/cm²g)

Compressor Construction

Buna-N O-Rings
Iron Gaskets
TNT-12 Treated Top End

Accessories

25 HP Motor
Liquid Trap with Float Switch Suction Strainer
4-way flow control valve
High Discharge Temperature Switch with Thermowell
Pressure switches for low suction and high discharge pressures
Suction valve unloaders
Discharge relief valve
Pressure Gauges for suction and discharge gas pressures and crankcase oil pressure Starter/Control Panel
All electrical devices are explosion proof and are for 60 Hz operation.



AE93-99652-1

Installation Example

This LB602 is being used to transfer a mixture of propane and butane in South Korea. This is a typical liquefied gas transfer compressor with both a liquid trap and a 4-way flow control valve. The trap prevents entry of liquid into the compressor and the 4-way valve allows both liquid transfer and recovery of vapors. The strainer, level switch, temperature switch, pressure switches, and relief valve all help protect the compressor from various potential problems.