

LB361-LU

LB Series
Liquefied Gas Transfer and
Vapor Recovery

Gas

(See chart on bottom right)

Inlet

Outlet

Compressor Construction

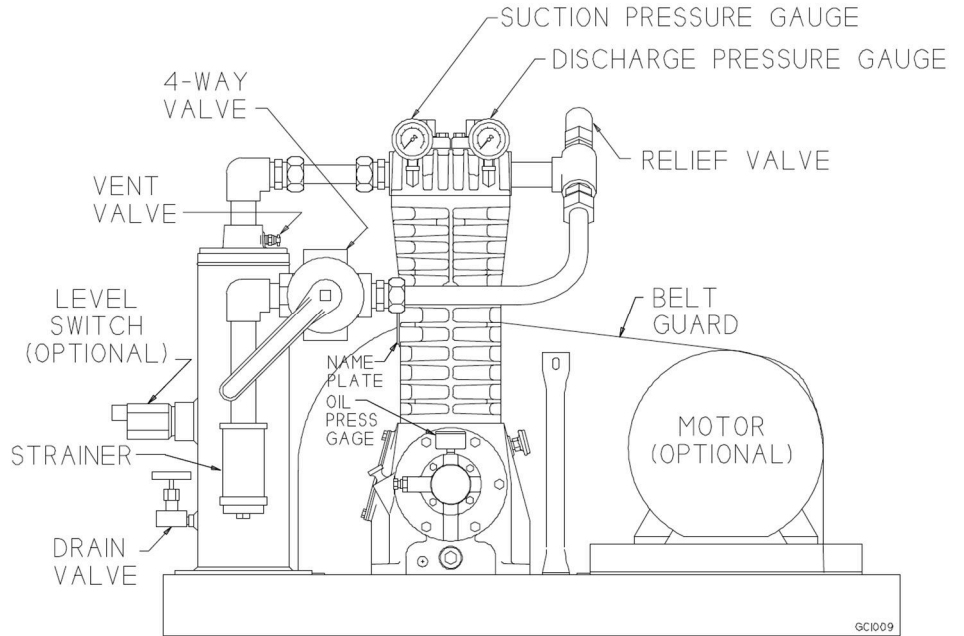
Ductile Iron Cylinder
 Buna-N O-Rings
 Aluminum Gaskets

Driver:

Electric motor, Diesel Engine,
 Gasoline Engine, or LPG Engine

Accessories

Liquid Trap with Mechanical Float
 Suction Strainer
 4-Way Flow Control Valve
 Discharge Relief Valve
 Pressure Gauges for suction and
 discharge gas pressures and crankcase
 oil pressure



Installation Example

The LB361-LU gas compressor is used in countries all over the world to transfer propane, butane and anhydrous ammonia quietly and efficiently. The -LU mounting includes a liquid trap to prevent entry of liquid into the compressor and a 4-way flow control valve which allows vapors to be recovered after all the liquid has been transferred. Available options include pressure switches, temperature switches, trap liquid level switches, electric motors or engine drivers, and electrical control panels.

Gas	Propane C ₃ H ₈	Butane C ₄ H ₁₀	Anhydrous Ammonia NH ₃
MW	44.09	58.12	17.03
n Value	1.13	1.09	1.31
Vapor Pressure @ 40°F (4.4°C) @ 90°F (32.2°C)	63 psig (4.3 bar-g) 147 psig (10.1 bar-g)	3 psig (0.2 bar-g) 28 psig (1.9 bar-g)	56 psig (3.9 bar-g) 160 psig (11.0 bar-g)
Typical Transfer Rate	150 - 210 gpm 565 - 795 lpm	120 - 150 gpm 455 - 565 lpm	150 to 210 gpm 565 - 795 lpm
Typical Driver Size	15 HP (11 kw)	10 HP (7.5 kw)	15 HP (11 kw)