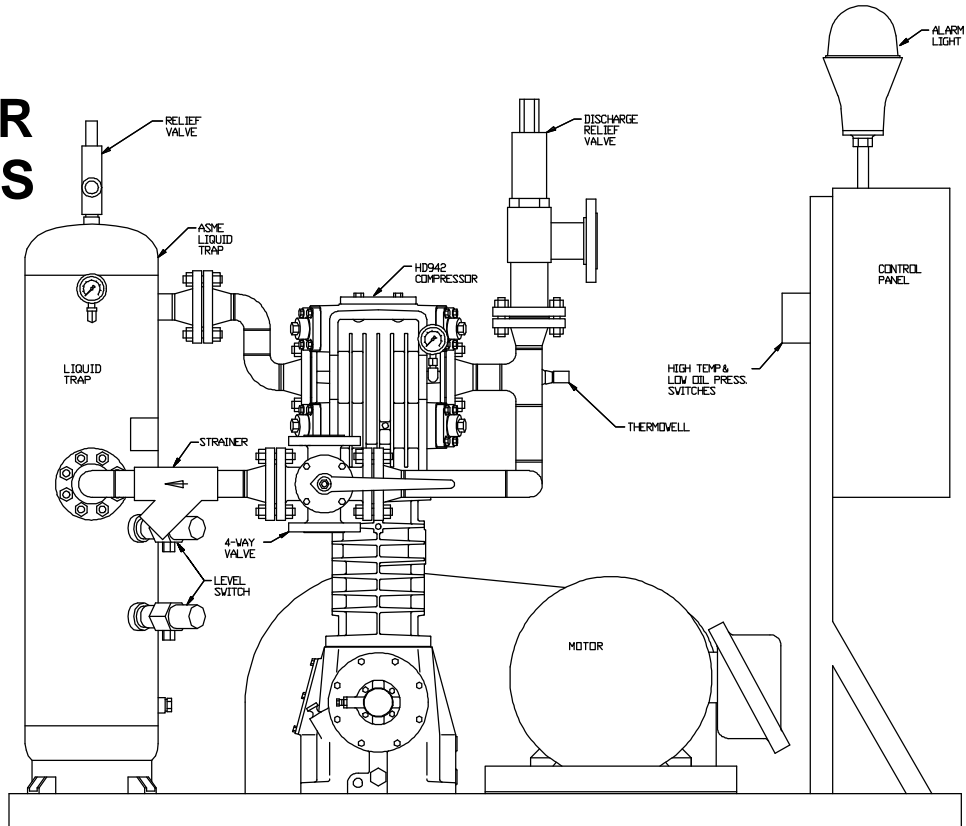


COMPRESSOR SOLUTIONS

HD942A-LC
LPG Unloading
Compressors
Driven @ 700 RPM



AE93-99789

Gas: Propane: $n = 1.13$, MW = 44.09
Butane: $n = 1.09$, MW = 58.12
Inlet: 15 - 215 psia at 20 - 110°F (1.1 - 15.1 kg/cm² a at -7 - 43°C)
Outlet: 25 - 245 psia (1.8 - 17.2 kg/cm² a)

FEATURES

- | | | |
|-------------------------|------------------------------------|-------------------------|
| Buna-N O-rings | Ductile Iron | Starter/Control Panel |
| Pressure Gauges | Relief Valves | 4-Way Flow Valve |
| ASME Code Liquid Trap | Suction Strainer | Liquid Level Switches |
| Low Oil Pressure Switch | 40 HP Star-Delta Start 50 Hz Motor | High Temperature Switch |

Four of these units are being used in Morocco to transfer LPG at up to 600 gpm (2,270 lpm). A 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 two electrical float switches to monitor the liquid level in the trap to protect 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, control panel, alarm light and switches are all explosion proof.