

HD362-LC

HD Series

Compressor for Anhydrous Ammonia driven @ 380 RPM

Gas

Anhydrous Ammonia
 $n = 1.31$
 $MW = 17.03$

Inlet

39 – 247 psia
 (2.74 – 17.4 kg/cm²a)
 10 - 110°F (-12 - 43°C)

Outlet

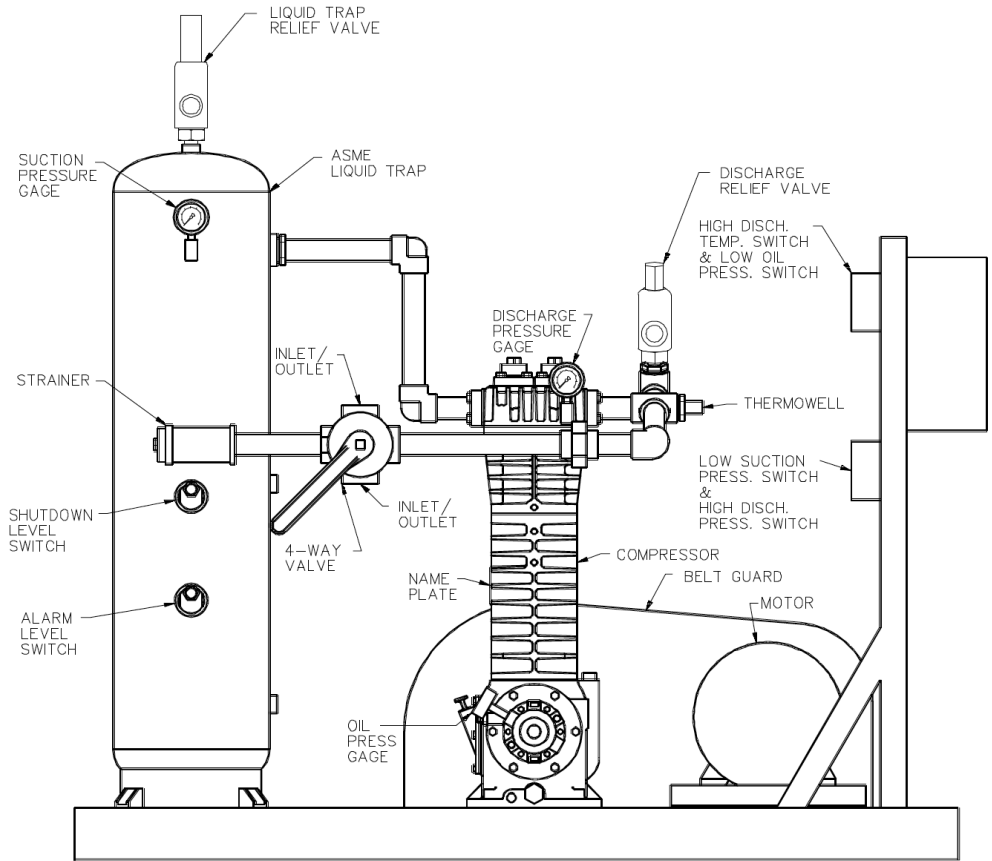
49 - 265 psia
 (3.44 – 18.6 kg/cm²a)

Compressor Construction

TNT-12 PTFE/Nickel Treated
 Valves & Cylinder
 Buna-N O-rings
 Ductile Iron Head and Cylinder

Accessories

ASME Code Liquid Trap
 10 HP TEFC Motor
 SS 4-Way Valve
 Two Liquid Level Switches
 TNT-12 Suction Strainer
 Stainless Steel Piping
 Temperature Switch, N7
 Pressure Switches, N7
 Junction Box, N7



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Installation Example

This HD362 is being used in West Virginia to transfer Anhydrous Ammonia from storage tanks to transports at about 85 gpm (300 lpm). This model features two seals on each piston rod separated by a distance piece to minimize leakage and product contamination. The liquid trap has two float switches to provide an alarm or shutdown signal if too much liquid accumulates in the trap. The compressor and strainer are TNT-12 treated for corrosion resistance and the piping and 4-way valve are stainless steel per the customer's specification.