HD372-TC

HD Series
R12, R22, R502 & R1301
Refrigerant Recovery
Compressor driven @ 360 RPM

Gas

R12, R22, R502 & R1301
n = 1.13 – 1.18
MW = 86.5 - 149

Inlet

12.5 – 65 psia
(0.86 - 4.5 bar-a)
Ambient Temperatures

Outlet

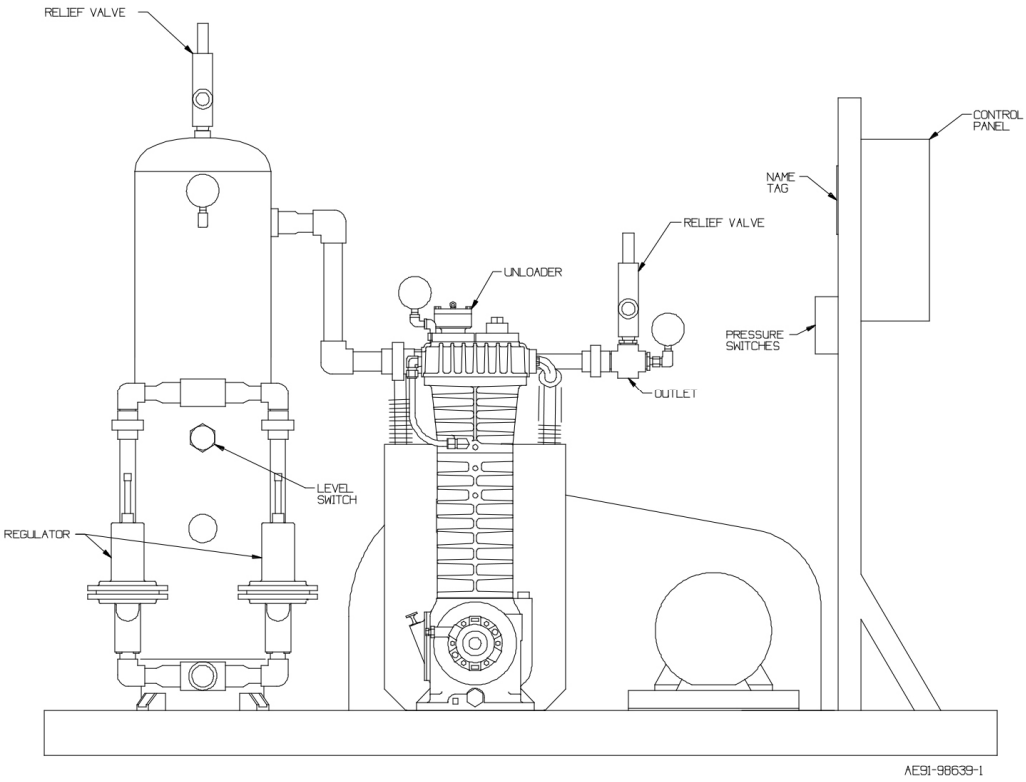
102 - 286 psia
(7.0 - 19.7 bar-a)

Compressor Construction

Ductile Iron Valves with PEEK Plates
Neoprene O-Rings
External Oil Filter

Accessories

NEMA 4 Control Panel
High Liquid Level Switch
Inlet Pressure Regulators
Suction Valve Unloaders
7 ½ HP TEFC Motor
Low Oil Pressure Switch
Unloader Control Solenoid
Pressure Gauges
Discharge Pressure Switch
ASME Code Liquid Trap
ASME Code Relief Valves
Suction Pressure Switch



Installation Example

Five HD372-TC gas compressor packages are used in California to recover Refrigerants 12, 22, 502 and 1301 from lines and cylinders. A two-stage compressor is needed to reach the final vacuum suction pressure (and resultant high compression ratios) needed for this application. Since the product's pressure is initially too high for proper operation of a two-stage compressor, pressure regulators were installed to limit the maximum suction pressure. Both the Suction Pressure Switch and Discharge Pressure Switch are used to control the Suction Valve Unloaders via the Unloader Control Solenoid Valve.