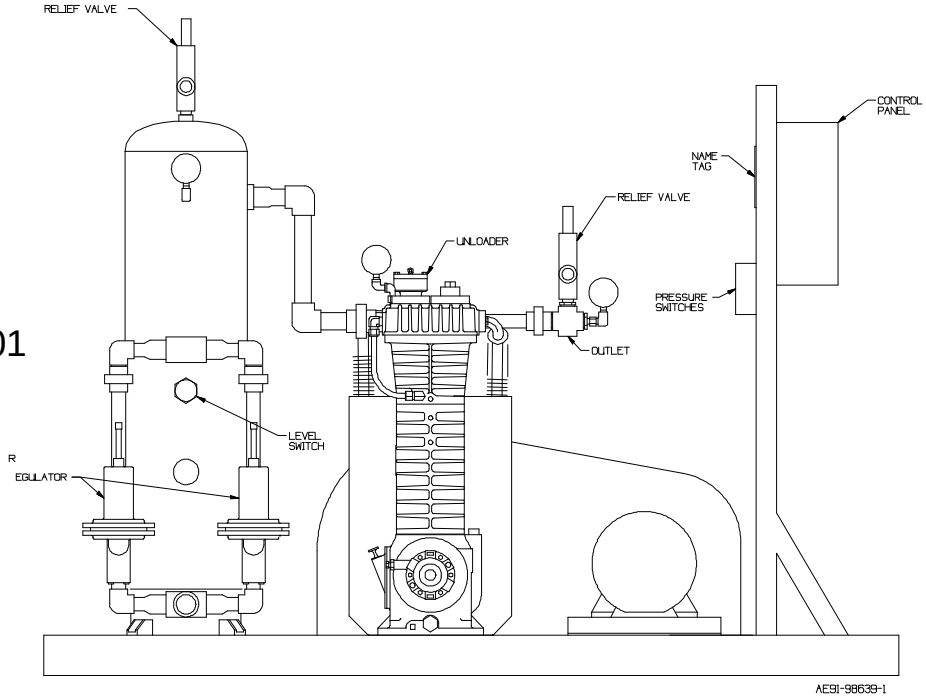
COMPRESSOR SOLUTIONS



HD372-TC

R12, R22, R502 & R1301
Refrigerant Recovery
Compressors
driven @ 360 RPM

Gas:	Inlet:	Outlet:
R12, R22, R502 & R1301	12.5 - 65 psia	102 - 286 psia
n = 1.13 - 1.18	(0.86 - 4.5 bar-a)	(7.0 - 19.7 bar-a)
MW = 86.5 - 149	Ambient Temperatures	

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	7½ 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

Five of these HD372-TC compressor packages are being 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.