

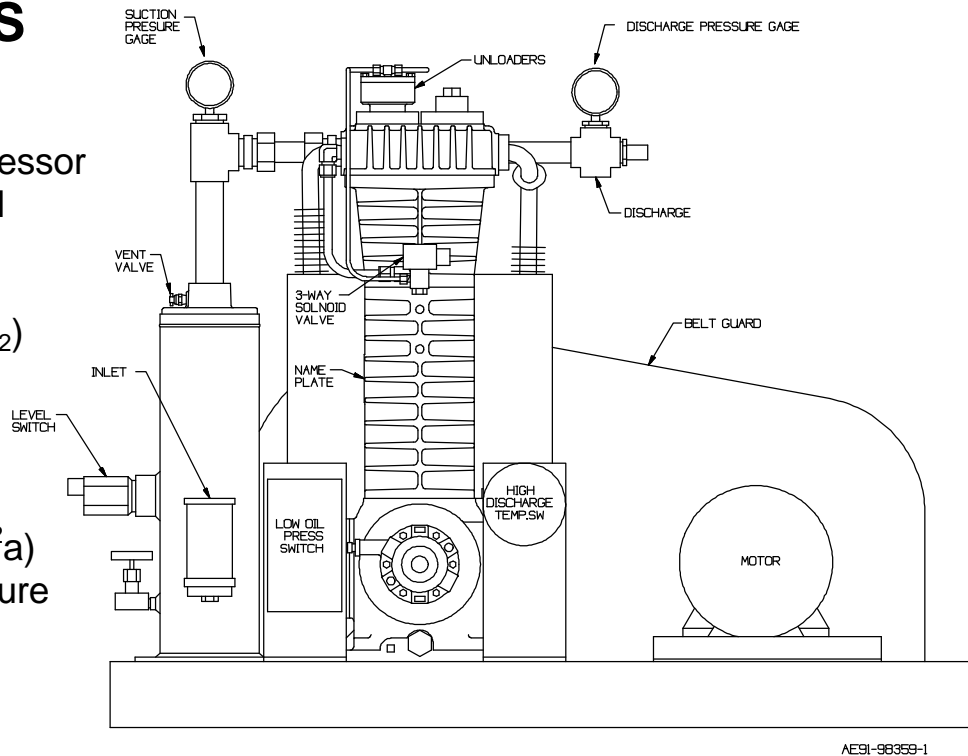
COMPRESSOR SOLUTIONS

HD372-TU
Evacuation Compressor
driven @ 450 RPM

Gas:
Sulfur Dioxide (SO₂)
n=1.29 MW=64.1

Inlet:
5 - 32 psia
(0.35 - 2.26 kg/cm²a)
Ambient Temperature

Outlet:
82 psia
(5.8 kg/cm²a)



Compressor Trim: PTFE O-rings, Iron Gaskets, TNT-12 PTFE/Nickel Corrosion Resistant Treatment, Nickel plated intercooler.

Accessories: 5 HP TEFC Motor, Liquid Trap with Float Switch, suction strainer, High Discharge Temperature Switch with Thermowell, Low Oil Pressure switch, Suction Valve Unloaders with 3-way Control Valve and Pressure Switch, Pressure Gauges for suction and discharge gas pressures and crankcase oil pressure. Electrical devices are NEMA 4 or 7. The packing is installed for vacuum suction conditions.

This HD372 is being used in Colorado to prevent the escape of SO₂ to the atmosphere. After a liquid pump has filled SO₂ cylinders, the valve on the cylinder and a valve between the cylinder and the pump are closed. The compressor then recovers the SO₂ remaining in the hose between the two valves back into the storage tank. The suction valve unloading system is controlled by a low suction pressure switch which allows the compressor to run continuously as cylinders are connected and disconnected from the system.