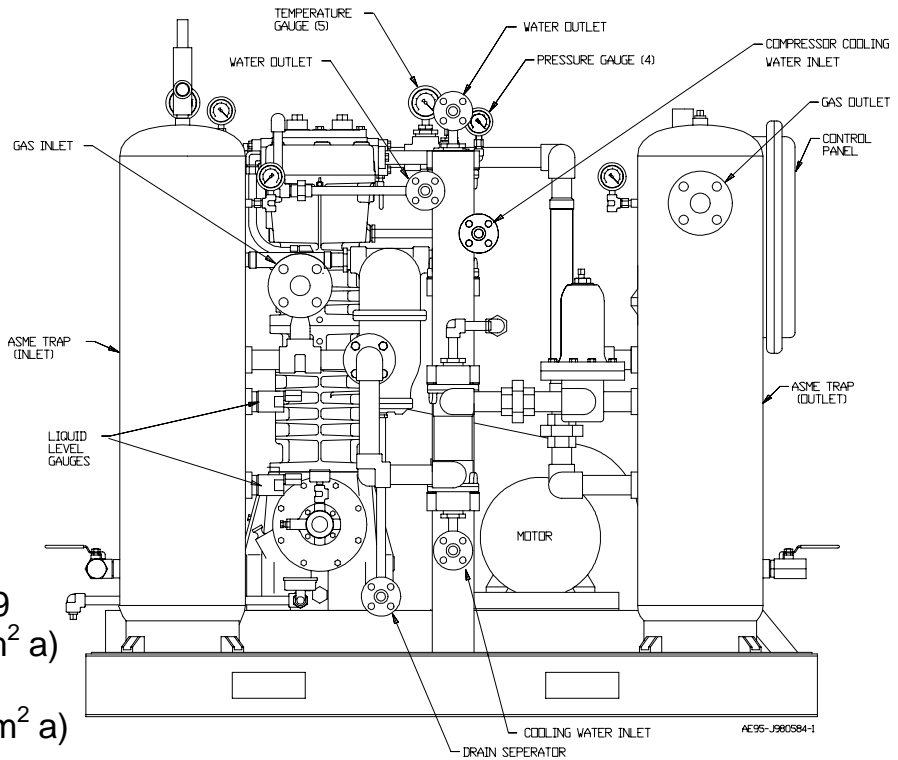


COMPRESSOR SOLUTIONS

HDL613-TC

Hydrocarbon Recovery Compressor
driven @ 405 RPM

Gas: Hydrocarbon Mix
 $n = 1.10$, $MW = 56.9$
Inlet: 18.5 psia (1.3 kg/cm² a)
at 158°F (70°C)
Outlet: 142 psia (10.0 kg/cm² a)



OPTIONS & ACCESSORIES

Aluminum Beltguard
Flanged Connections
Inlet Liquid Trap
Suction Strainer
Back Pressure Valve
Check Valve

TNT-12 Treatment
Structural Steel Skid
Pulsation Dampener
Stainless Steel Coolers
Control Pressure Switches
Explosion Proof Motor

FKM O-rings
Temperature Switches
Low Oil Pressure Switch
Liquid Level Switches
Temperature Gauges
Starter / Control Panel

This HDL613 is being used to recover a mix of Isobutane, Hexene, Ethylene, Hexane and Hydrogen in a Korean petrochemical plant. A strainer and liquid trap complete with level switches prevent entry of solids or liquids into the compressor. The stainless steel intercooler and liquid separator provide similar protection for the compressor's second stage. Discharge pulsation dampening is provided by a second ASME code vessel. Capacity control is accomplished via a by-pass system with back pressure control valve and a second stainless steel cooler. An explosion proof control panel features indicator lights for the pressure, temperature, and liquid level switches to monitor every aspect of the compressor's operation. Visual monitoring devices include temperature and pressure gauges.