

HD602-TC

HD Series

R22 Refrigerant Recovery
Compressor driven @ 420
RPM

Gas

Chlorodifluoromethane (R22)
N = 1.16
MW = 86.5

Inlet

35 – 213 psia
(2.4 – 14 bar-a)
Ambient Temperature

Outlet

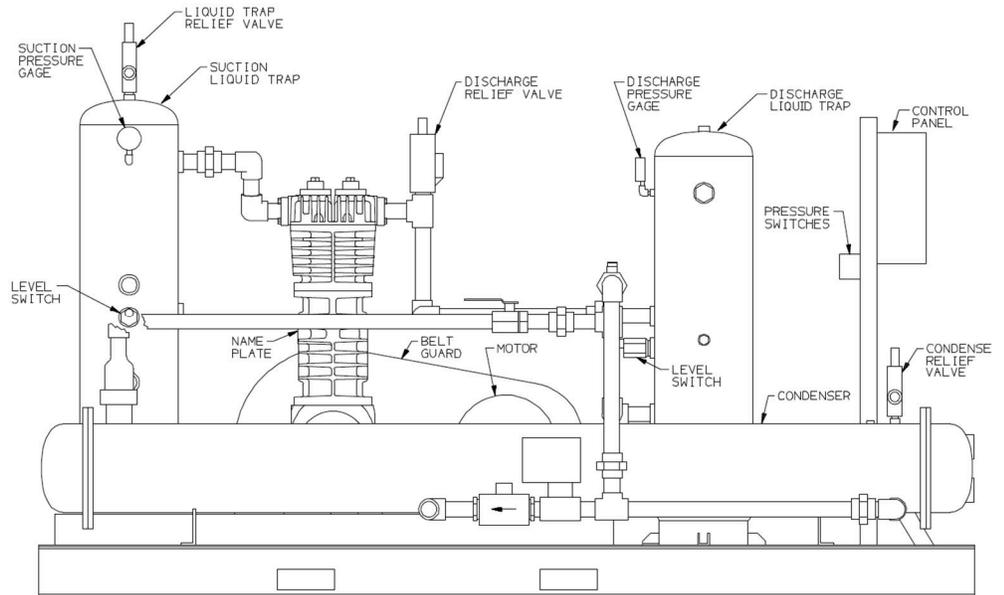
65 - 235 psia
(4.5 – 16 bar-a)

Compressor Construction

PEEK Valve Plates
Neoprene O-Rings
External Oil Filter

Accessories

NEMA 4 Control Panel
Water-Cooled Condenser
Check Valve
15 HP TEFC Motor
ASME Code Relief Valves Motorized
Ball Valve
V-belt Drive
Interconnecting Piping
Liquid Level Switches
Condenser Bypass Valve
Structural Steel Skid
Oil Pressure Switch
Suction and Discharge ASME Code
Liquid Traps
Suction Pressure Switch
Discharge Pressure Switch



Installation Example

This HD602-TC compressor package is used in California to recover R22 refrigerant. The R22 is recovered from 20,000 gallon (76 m3) rail cars into storage rail cars until the low suction pressure switch signals the end of the vapor recovery process. The condenser is used to condense the recovered gas to a liquid state before entering the storage rail car. The storage rail car is slightly up hill from the compressor site so a check valve, motorized ball valve and discharge liquid trap were added to prevent liquid from flowing back into the compressor when the unit is shut down. The motorized ball valve automatically closes when the compressor stops.