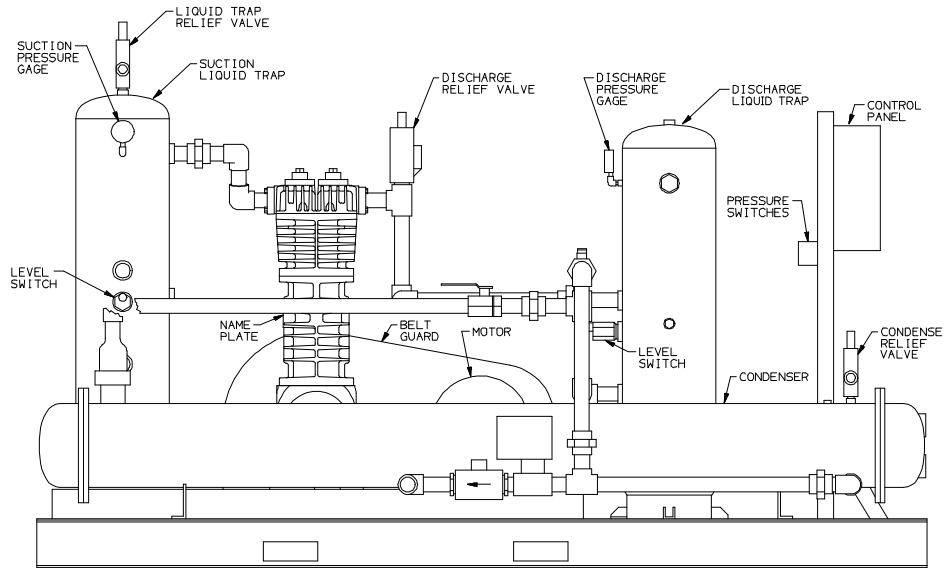


COMPRESSOR SOLUTIONS

HD602-TC
 R22 Refrigerant
 Recovery Compressor
 Driven @ 420 RPM



AE91-98642-1

GAS	INLET	OUTLET
R22	35 - 213 PSIA	65 - 235 PSIA
n = 1.16	(2.4 - 14 BAR-A)	(4.5 - 16 BAR-A)
MW = 86.5	Ambient Temperature	

COMPRESSOR CONSTRUCTION

PEEK Valve Plates	Neoprene O-rings	External Oil Filter
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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

This HD602-TC compressor package is being 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.