

HD372-TC

HD Series

Sulfur Hexafluoride (SF₆)
Recovery Compressor driven
@ 450 RPM

Gas

Sulfur Hexafluoride (SF₆)
n = 1.09
MW = 146.1

Inlet

65 – 19 psia
(4.5 – 1.3 bar-a)
Ambient Temperature

Outlet

465 psia
(32 bar-a)

Compressor Construction

Accessories

PEEK Valve Plates
Temperature Switch
External Oil Filter
NEMA 4 Control Panel
Water-Cooled Condenser
Check Valve
10 HP TEFC Motor
ASME Code Relief Valves
Pressure Switches
Suction Valve Unloaders
Unloader Solenoid Valve
Liquid Level Switch
ASME Code Liquid Trap
Structural Steel Skid



Installation Example

Sulfur hexafluoride (SF₆) is used to insulate the high voltage components inside a pressurized enclosure. While not especially hazardous, SF₆ is rather expensive. This HD372-TC gas compressor package is used to recover the SF₆ into a temporary storage tank. The enclosure may then be opened to allow maintenance/inspection. The compressor then transfers the SF₆ back to the enclosure. The HD372A-TC package includes a liquid trap to protect the compressor. The condenser allows the product to be stored as a liquid rather than a gas to minimize pressure buildup and the space required.