



Product Description: 20,000 psi Heater-2 phase/1440 psi Separator skid mounted stack-pack

A stack-pack is equipped with an indirect gas fired heater and separator mounted alongside each other on a skid or trailer. As the pressure is reduced by use of a choke, this causes the temperature to dramatically decrease downstream creating an environment often conducive to hydrate formation. The formation of hydrates may cause malfunction of separation further downstream. The indirect heater is used to prevent hydrates from forming when upstream pressure is reduced at the choke. Inside the heater is a split coil in a water bath equipped with an intermediate adjustable choke.

Also on the stack-pack is a two or three phase separator. This vessel is used to separate the liquid and gas of the well stream. The separator is equipped with a large volume tank and piping that regulates and channels the well fluids. Safety devices are installed to prevent the over pressuring of the equipment. Vessel capacities differ according to velocity, pressure, temperature, and density of liquids.

Technical Specifications for 20,000 psi heater.

Working Pressure:	20,000 psi
Working Temperature Range:	32°F to 200°F
Service:	H ₂ S
Tubing Coils:	3 or 4-inch
Inlet Connection:	1502
Outlet Connection:	1502
Heating Capacities:	2.4 MMBtu per Hour
Mounting:	Skid mounted stack-pack with separator

Technical Specifications for 1440 psi Separator.

Working Pressure:	1,440 psi
Service:	H ₂ S
Standard:	NACE MR0175
Code:	ASME
Safety Relief Valves:	2" Pop-Off Valve and Rupture Disk
Inlet Union:	1502
Oil / Water Outlet Union:	Figure 200
Gas Outlet Union:	Figure 200
Dimensions:	24" X 10'
Meter Run:	4"