

M99

99 HP Technical Specifications

Compressor

Gardner Denver / Tamrotor Enduro 25 Rotary Screw Compressor, with Adaptable Compressor Speed, designed to produce more gas flow per bhp!

Engine

Cummins G8.3, 6 cylinder natural gas engine. Net compression horsepower at site: 90 bhp @ 1800 rpm

Fuel Gas Scrubber

4" dia x 30"h - Provides clean, dry gas for engine consumption. In-line design enables liquids to automatically drain to discharge line.

Gas After Cooler / Oil Cooler

Oil cooler / gas after-cooler, cools discharge gas to within 15°C of ambient temperature

Suction Scrubber with Blow Case

16" dia x 65" h vertical separator. Designed with automatic drain tank / blow case feature to collect and automatically unload inlet liquids into discharge line.

Discharge Oil/Gas Separator

20" dia x 60" h with coalescing element

Walk-in Building with Sound Attenuated Walls

9' x 15' walk-in style building with thermal acoustic insulation and perforated aluminium wall liner. Designed to provide superior sound attenuation.

Control Panel

Murphy Panel, Class I, Div II, w/ extensive monitoring & shutdowns to ensure safe and reliable operation.

FLOW RATES

M99 99 HP Model

Inlet Pressure	Discharge Pressure					High Pressure Unit		
	100 PSIG	125 PSIG	150 PSIG	200 PSIG	250 PSIG	300 PSIG	350 PSIG	400 PSIG
0 PSIG	14.4 e ³ m ³ /d	13.5 e ³ m ³ /d	12.0 e ³ m ³ /d	9.7 e ³ m ³ /d				
5 PSIG	18.1 e ³ m ³ /d	17.0 e ³ m ³ /d	15.6 e ³ m ³ /d	13.1 e ³ m ³ /d	11.1 e ³ m ³ /d			
10 PSIG	22.1 e ³ m ³ /d	19.0 e ³ m ³ /d	18.1 e ³ m ³ /d	15.6 e ³ m ³ /d	13.7 e ³ m ³ /d	9.1 e ³ m ³ /d	7.9 e ³ m ³ /d	6.9 e ³ m ³ /d
20 PSIG	27.5 e ³ m ³ /d	25.0 e ³ m ³ /d	22.5 e ³ m ³ /d	19.3 e ³ m ³ /d	17.0 e ³ m ³ /d	12.5 e ³ m ³ /d	10.1 e ³ m ³ /d	9.8 e ³ m ³ /d
30 PSIG	34.3 e ³ m ³ /d	32.7 e ³ m ³ /d	28.2 e ³ m ³ /d	23.1 e ³ m ³ /d	19.4 e ³ m ³ /d	14.2 e ³ m ³ /d	13.7 e ³ m ³ /d	11.3 e ³ m ³ /d
40 PSIG		38.5 e ³ m ³ /d	34.3 e ³ m ³ /d	26.1 e ³ m ³ /d	22.7 e ³ m ³ /d	17.8 e ³ m ³ /d	14.8 e ³ m ³ /d	13.0 e ³ m ³ /d
50 PSIG		41.9 e ³ m ³ /d	40.6 e ³ m ³ /d	31.2 e ³ m ³ /d	25.7 e ³ m ³ /d	19.4 e ³ m ³ /d	18.0 e ³ m ³ /d	14.9 e ³ m ³ /d
60 PSIG						21.7 e ³ m ³ /d	20.1 e ³ m ³ /d	17.6 e ³ m ³ /d
70 PSIG						26.1 e ³ m ³ /d	21.9 e ³ m ³ /d	19.0 e ³ m ³ /d
80 PSIG						28.3 e ³ m ³ /d	24.8 e ³ m ³ /d	21.0 e ³ m ³ /d
90 PSIG						31.2 e ³ m ³ /d	27.7 e ³ m ³ /d	22.6 e ³ m ³ /d