

M45

45 HP Portable Technical Specifications

Compressor

Gardner Denver / Tamrotor Enduro 6 Rotary Screw Compressor, with Adaptable Compressor Speed, designed to produce more gas flow per bhp!

Engine

Ford 300, 6 cylinder natural gas engine. Net compression horsepower at site: 48 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

8" dia x 48 "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

12" dia x 48"h with coalescing element.

Walk-in Building with Sound Attenuated Walls

7.5' x 11.5' 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

M45 30-45 HP Model

Inlet Pressure	Discharge Pressure					
	75 PSIG	100 PSIG	125 PSIG	150 PSIG	200 PSIG	250 PSIG
0 PSIG	4.8 e ³ m ³ /d	4.8 e ³ m ³ /d	4.6 e ³ m ³ /d	4.0 e ³ m ³ /d	3.7 e ³ m ³ /d	
5 PSIG	6.1 e ³ m ³ /d	5.7 e ³ m ³ /d	5.7 e ³ m ³ /d	5.6 e ³ m ³ /d	5.2 e ³ m ³ /d	4.9 e ³ m ³ /d
10 PSIG	7.4 e ³ m ³ /d	7.3 e ³ m ³ /d	7.3 e ³ m ³ /d	7.2 e ³ m ³ /d	6.8 e ³ m ³ /d	6.3 e ³ m ³ /d
20 PSIG	10.6 e ³ m ³ /d	10.5 e ³ m ³ /d	10.5 e ³ m ³ /d	10.4 e ³ m ³ /d	8.9 e ³ m ³ /d	7.9 e ³ m ³ /d
30 PSIG		13.8 e ³ m ³ /d	13.7 e ³ m ³ /d	12.0 e ³ m ³ /d	10.3 e ³ m ³ /d	9.4 e ³ m ³ /d
40 PSIG		17.0 e ³ m ³ /d	15.9 e ³ m ³ /d	14.0 e ³ m ³ /d	11.5 e ³ m ³ /d	10.5 e ³ m ³ /d
50 PSIG		20.2 e ³ m ³ /d	19.0 e ³ m ³ /d	16.7 e ³ m ³ /d	13.7 e ³ m ³ /d	11.6 e ³ m ³ /d