

Vertical Gas Compressors

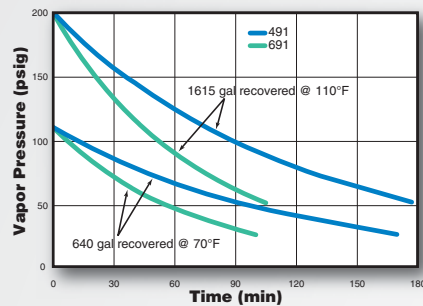
Operating Specifications

Specifications	Model				
	91	291	491	691	891 ^a
Bore of cylinder: inches (mm)	3.0 (76.2)	3.0 (76.2)	4.0 (101.6)	4.5 (114.3)	4.5 (114.3)
Stroke: inches (mm)	2.5 (63.5)	2.5 (63.5)	3.0 (76.2)	4.0 (101.6)	4.0 (101.6)
Piston displacement cfm (m ³ /hr)					
minimum @ 400 RPM	4.1 (7.0)	8.2 (13.9)	17.5 (29.7)	29.5 (50.1)	56.7 (96.3)
maximum @ 825 RPM	8.4 (14.3)	16.9 (28.7)	36.0 (61.2)	60.8 (103.3)	117 (198.8)
Maximum working pressure: psig (bar g)	335 (23.1)	335 (23.1)	335 (23.1)	335 (23.1)	450 (31.0)
Maximum brake horsepower (kW)	7.5 (5.6)	15 (11)	15 (11)	35 (26.1)	45 (34)
Maximum rod load lb (kg)	3,600 (1,633)	3,600 (1,633)	4,000 (1,814)	7,000 (3,175)	7,000 (3,175)
Maximum outlet temperature °F (°C)	350 (177)				
Minimum inlet temperature °F (°C)	-25 (-32)				
Bare unit weight lb (kg)	150 (68.0)	210 (95.2)	390 (176.9)	745 (337.9)	900 (408.2)
Maximum flow-propane gpm (m ³ /hr)	50 (11.4) ^b	101 (22.9) ^b	215 (48.8) ^b	361 (82.0) ^b	694 (157.6) ^b
ANSI/DIN flange option	Yes	Yes	Yes	Yes	No

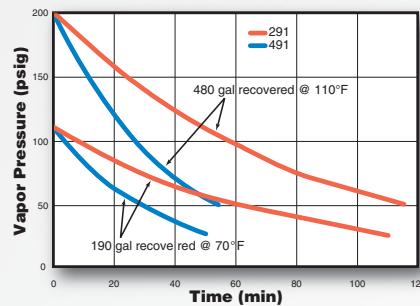
^a Double-acting vertical compressor.

^b Maximum flow is based on 825 RPM or maximum hp, 30 psid. Capacities shown are based on 100°F (37.8°C) and will vary depending upon piping, fittings, product being transferred, and temperature. The factory will supply a detailed compressor analysis if required.

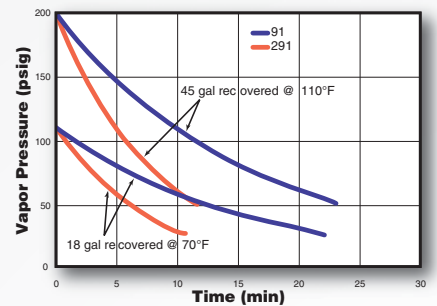
33,000 Gallon (124,918 Liter) Tank¹



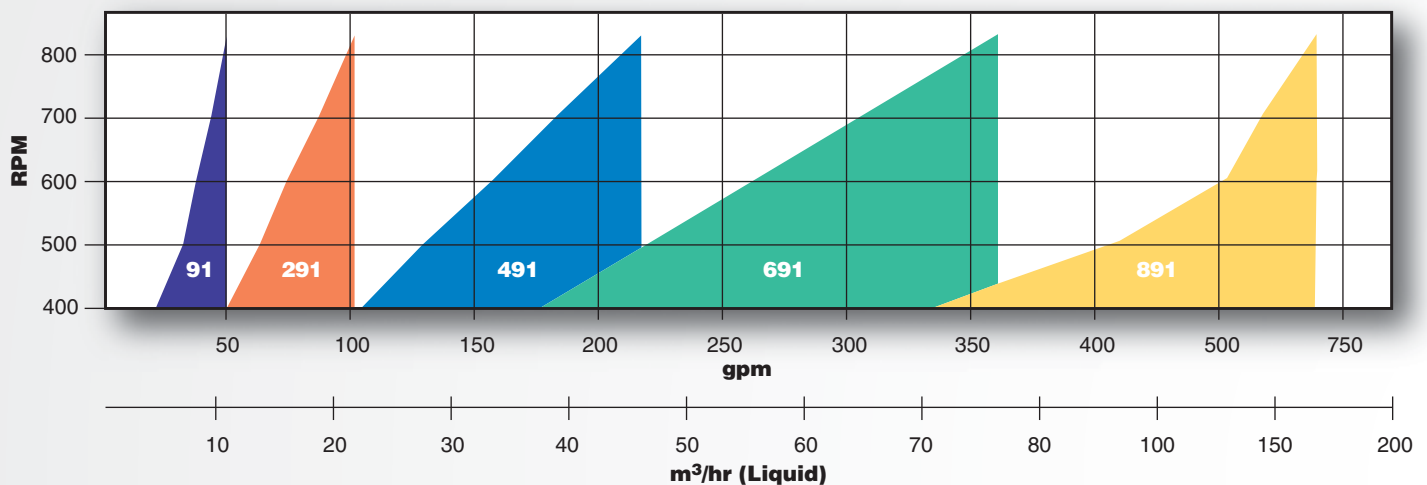
10,000 Gallon (37,854 Liter) Tank¹



1,000 Gallon (3,785 Liter) Tank¹



Performance (Propane)¹



¹ Capacities shown are based on 100 °F (37.8 °C) and will vary depending upon piping, fittings, product being transferred, and temperature. The factory will supply a detailed compressor analysis if required.