

Appendix C—Performance for C-Model (Close-Coupled) Pumps

C10 (60 Hz only)

Service: Fill 20# cylinders in 30 seconds to 1 minute, 100# cylinders in 2-1/2 to 3-1/2 minutes, motor fueling through a meter at 7 gpm (26.5 L/min) ¹	
Differential Pressure	gpm (L/min)
Capacity at 20 psid (1.4 bar d)	12 (45.4)
Capacity at 50 psid (3.4 bar d)	7 (26.5)
Capacity at 70 psid (5.2 bar d)	3 (11.4)

C12 (60 Hz only)

Service: Fill 20# cylinders in 15 to 30 seconds, 100# I.C.C. cylinders in 2 to 3 minutes, motor fueling through a meter at 15 gpm (56.8 L/min) ¹	
Differential Pressure	gpm (L/min)
Capacity at 20 psid (1.4 bar d)	19 (71.9)
Capacity at 70 psid (4.8 bar d)	12.5 (47.3)
Capacity at 85 psid (5.9 bar d)	10 (37.9)

C13

Service: Fill 20# cylinders in 10 to 20 seconds, 100# cylinders in 1-1/2 minutes, motor fueling through a meter at 23 gpm (87.1 L/min) ¹	
Differential Pressure	gpm (L/min)
Capacity at 20 psid (1.4 bar d)	28 (106.0)
Capacity at 75 psid (5.2 bar d)	16 (60.6)
Capacity at 100 psid (6.9 bar d)	11.5 (43.5)

C14

Service: Fill 100# cylinders in less than one minute, motor fueling through a meter at 30 gpm (113.6 L/min) ¹	
Differential Pressure	gpm (L/min)
Capacity at 20 psid (1.4 bar d)	38 (143.8)
Capacity at 70 psid (4.8 bar d)	26 (98.4)
Capacity at 100 psid (6.9 bar d)	20 (75.7)

C16

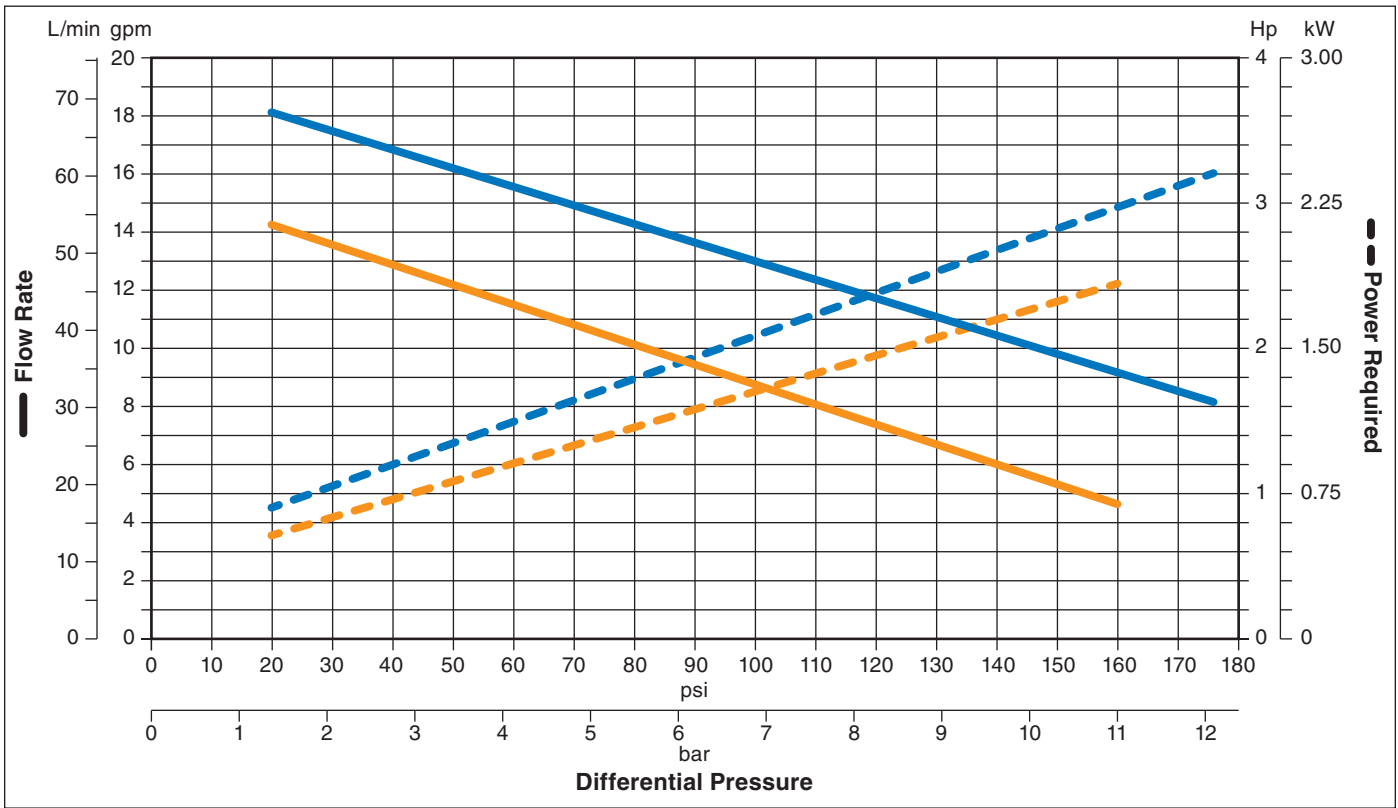
Service: Motor fueling through a meter at 9.8 gpm at 150 psid.	
Differential Pressure	gpm (L/min)
Capacity at 75 psid (5.2 bar d)	14.7 (55.6)
Capacity at 100 psid (6.9 bar d)	13 (49.2)
Capacity at 125 psid (8.6 bar d)	11.4 (43.1)
Capacity at 150 psid (10.3 bar d)	9.8 (37.1)

¹ Times are estimates and will be affected by conditions at the site, cylinder and OPD design. PSID is pounds per square inch differential or "differential pressure."

Appendix C—Performance (Differential Pressure vs. Capacity) Models 16 and 17 (C-, DL-, and F-Models)

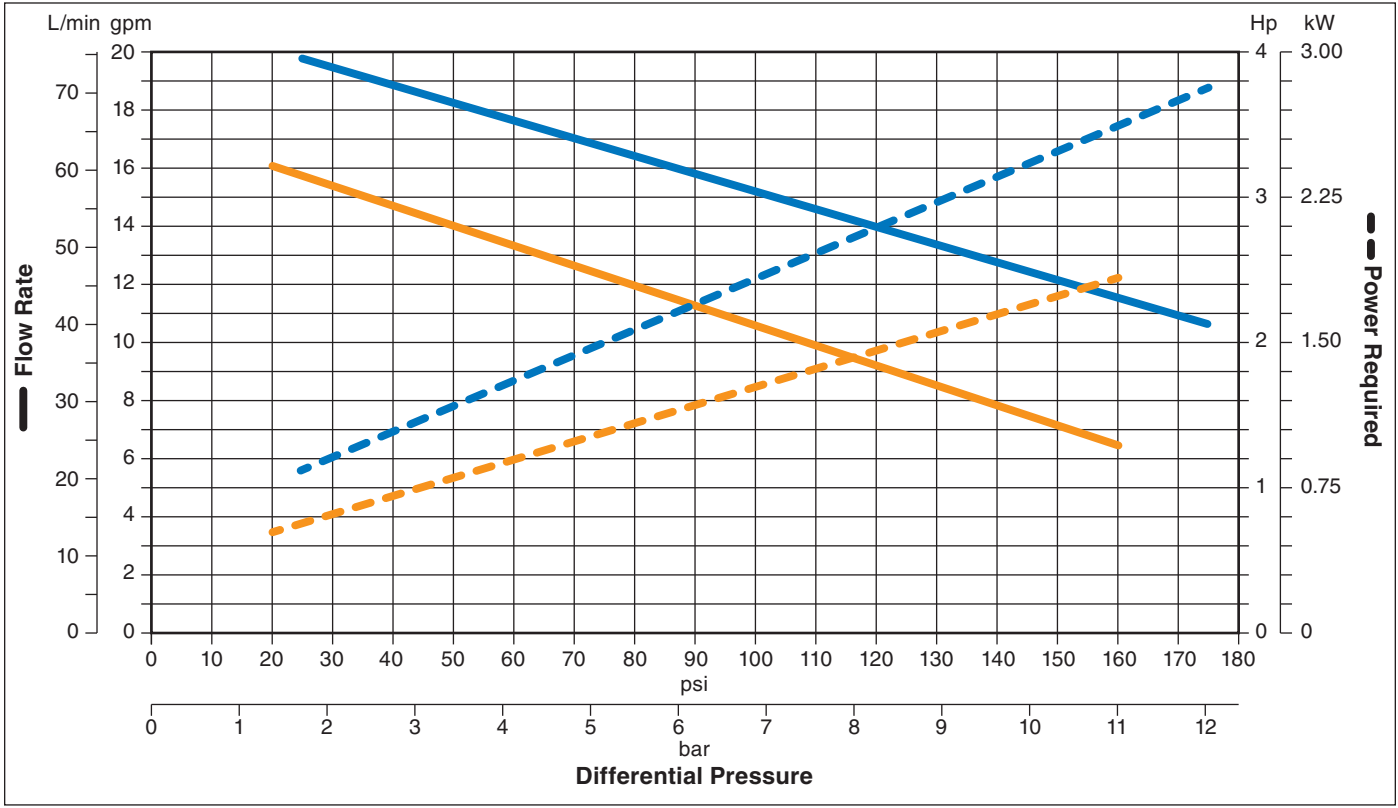
Model 16 Performance Curves ¹

■ 3,450 RPM at 60 Hz ■ 2,880 RPM at 50 Hz



Model 17 Performance Curves ¹

■ 3,450 RPM at 60 Hz ■ 2,880 RPM at 50 Hz



¹ Curves shown are based on 100% propane from an above ground installation.