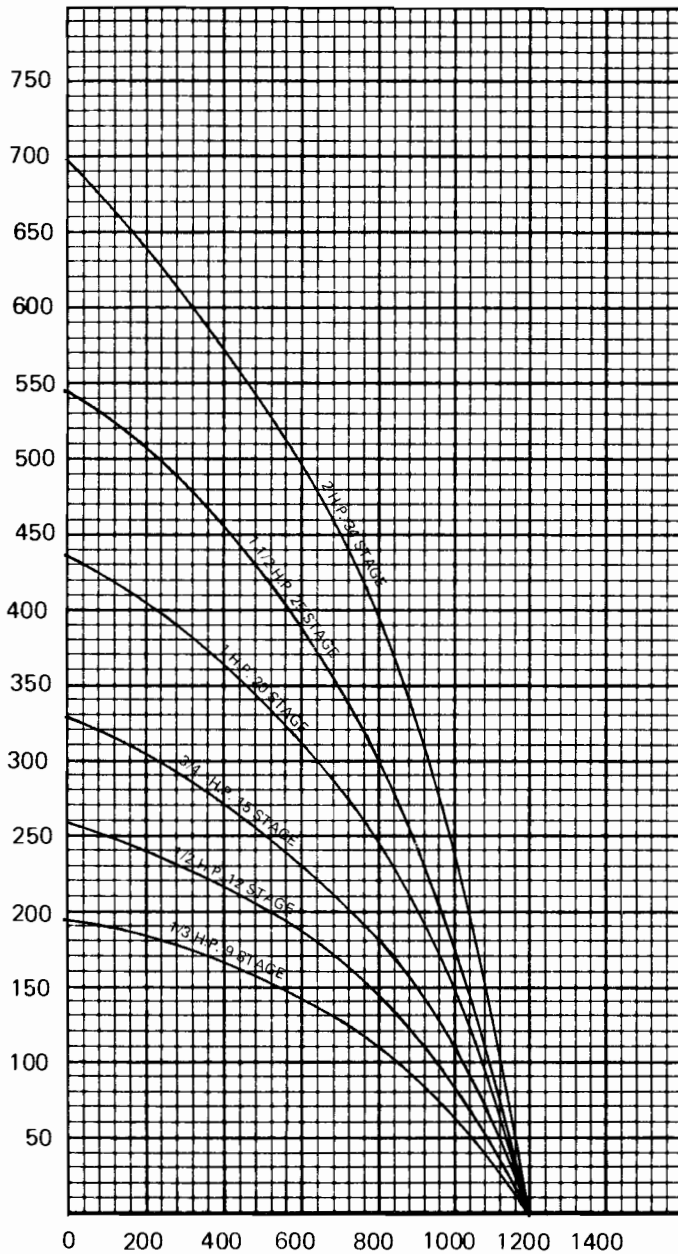


PIONEER

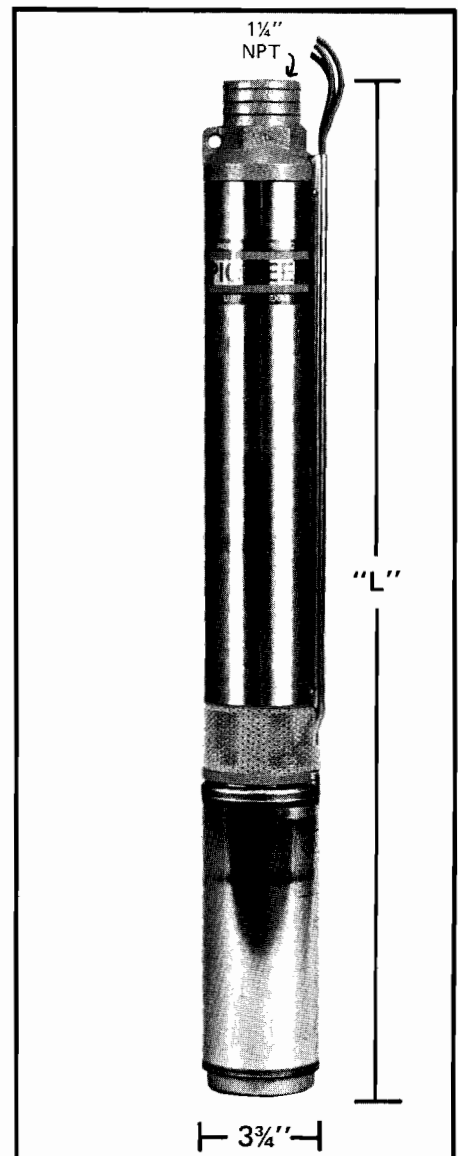
COMPOSITE PERFORMANCE CURVES



MODEL

A-12

12 GPM



PIONEER

Performance Chart Gallons Per Hour

A 12

12 GPM 9 Stages		1/3 H.P. BA 12				
2 Wire		3 Wire				
1 PH. 115 V.		1 PH. 115 V.				
2 A 1 2 1 1 B		A 1 2 1 1 B				
1 PH. 230 V.		1 PH. 230 V.				
2 A 1 2 1 2 B		A 1 2 1 2 B				
Gallons Per Hour						
SHUT OFF PSI	DEPTH IN FEET	TANK PRESSURE				
		0	20	30	40	50
76	20			920	840	720
67	40		1000	840	720	520
59	60		850	720	560	320
50	80	1000	740	560	400	
41	100	880	620	400		
33	120	800	440			
24	140	640				
15	160	480				

12 GPM 12 Stages		1/2 H.P. CA 12				
2 Wire		3 Wire				
1 PH. 115 V.		1 PH. 115 V.				
2 A 1 2 1 1 C		A 1 2 1 1 C				
1 PH. 230 V.		1 PH. 230 V.				
2 A 1 2 1 2 C		A 1 2 1 2 C				
Gallons Per Hour						
SHUT OFF PSI	DEPTH IN FEET	TANK PRESSURE				
		0	20	30	40	50
104	20			960	880	880
95	40			960	880	780
87	60		960	880	800	700
78	80		900	800	720	560
69	100	1000	840	720	600	440
61	120	920	740	600	480	260
52	140	840	620	480	320	
43	160	760	490	320		
35	180	640	360			
26	200	520				
11	220	400				

12 GPM 15 Stages		3/4 H.P. DA 12				
2 Wire		3 Wire				
1 PH. 230 V		1 PH. 230 V.				
2 A 1 2 1 2 D		A 1 2 1 2 D				
Gallons Per Hour						
SHUT OFF PSI	DEPTH IN FEET	TANK PRESSURE				
		0	20	30	40	50
134	20					980
125	40				1000	900
116	60			1000	940	860
108	80		1000	940	880	780
99	100		960	880	800	700
90	120	1020	900	800	720	600
82	140	960	820	720	640	500
73	160	920	740	640	520	380
64	180	840	660	520	400	
56	200	760	560	400		
47	220	680	440			
38	240	580	320			
30	260	480				

12 GPM 20 Stages		1 H.P. EA 12				
2 Wire		3 Wire				
1 PH. 230 V.		1 PH. 230 V.				
2 A 1 2 1 2 E		A 1 2 1 2 E				
Gallons Per Hour						
SHUT OFF PSI	DEPTH IN FEET	TANK PRESSURE				
		0	20	30	40	50
163	60					980
154	80				1000	940
145	100			1000	960	900
137	120		1000	960	920	860
128	140		960	920	860	820
119	160	1020	920	880	820	740
111	180	980	880	820	760	680
102	200	940	840	760	680	600
93	220	900	780	700	640	540
85	240	840	720	640	560	440
76	260	800	660	560	480	360
67	280	720	580	480	400	
59	300	660	500	400		
50	320	600	400			
41	340	520				

12 GPM 25 Stages		1-½ H.P. FA 12				
2 Wire		3 Wire				
1 PH. 230 V.		1 PH. 230 V.				
2 A 1 2 1 2 F		A 1 2 1 2 F				
		3 PH. 230 V.				
		A 1 2 3 2 F				
		3 PH. 460 V.				
		A 1 2 3 4 F				
		3 PH. 200 V.				
		A 1 2 3 5 F				
Gallons Per Hour						
SHUT OFF PSI	DEPTH IN FEET	TANK PRESSURE				
		0	20	30	40	50
202	80					1020
193	100					980
184	120				1000	960
176	140			1000	960	920
167	160		1000	960	920	880
158	180		980	920	880	840
150	200	1020	940	880	840	800
141	220	980	900	840	800	760
132	240	940	860	800	760	700
123	260	900	820	760	720	660
115	280	860	780	720	680	600
106	300	820	740	680	620	540
98	320	780	680	640	560	480
89	340	760	640	600	500	420
80	360	700	580	520	440	
72	380	640	520	460	360	
63	400	600	440	400		
54	420	520	380			
46	440	480				

12 GPM 34 Stages		2 H.P. GA 12				
2 Wire		3 Wire				
		1 PH. 230 V.				
		A 1 2 1 2 G				
		3 PH. 230 V.				
		A 1 2 3 2 G				
		3 PH. 460 V.				
		A 1 2 3 4 G				
		3 PH. 200 V.				
		A 1 2 3 5 G				
Gallons Per Hour						
SHUT OFF PSI	DEPTH IN FEET	TANK PRESSURE				
		0	20	30	40	50
224	180					980
215	200				1000	960
206	220			1000	960	920
197	240		1000	960	940	900
189	260		980	940	920	880
180	280	1000	940	920	880	840
171	300	980	920	880	860	820
163	320	950	880	860	820	760
154	340	920	860	820	780	740
145	360	900	820	780	740	680
137	380	860	780	740	700	620
128	400	840	740	680	640	580
119	420	800	720	640	600	520
111	440	760	660	600	540	480
102	460	720	600	540	440	400
93	480	680	560	480	420	
84	500	620	520	420		
76	520	560	460			
67	540	520	380			
59	560	460				

A CUSTOMER is a person
who comes to us with his
needs and wants.

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It is our job to fill them.