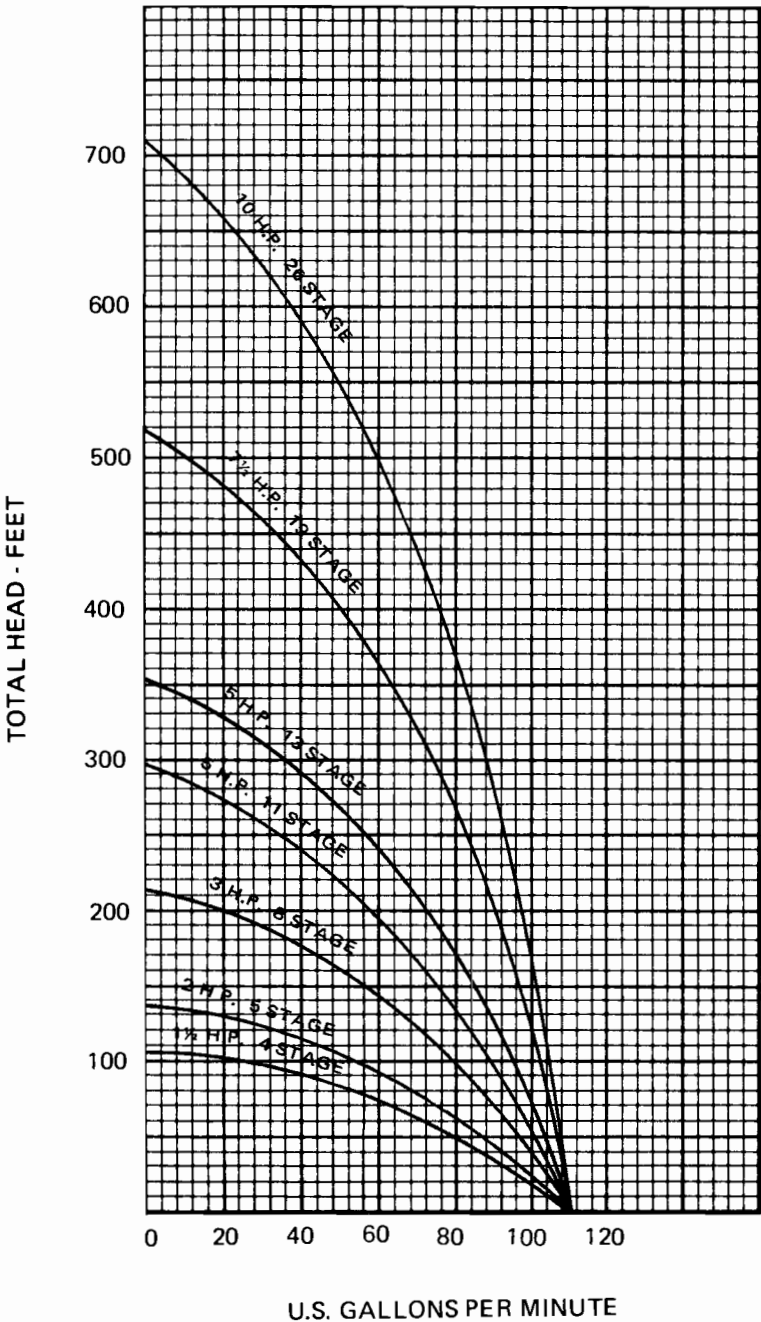
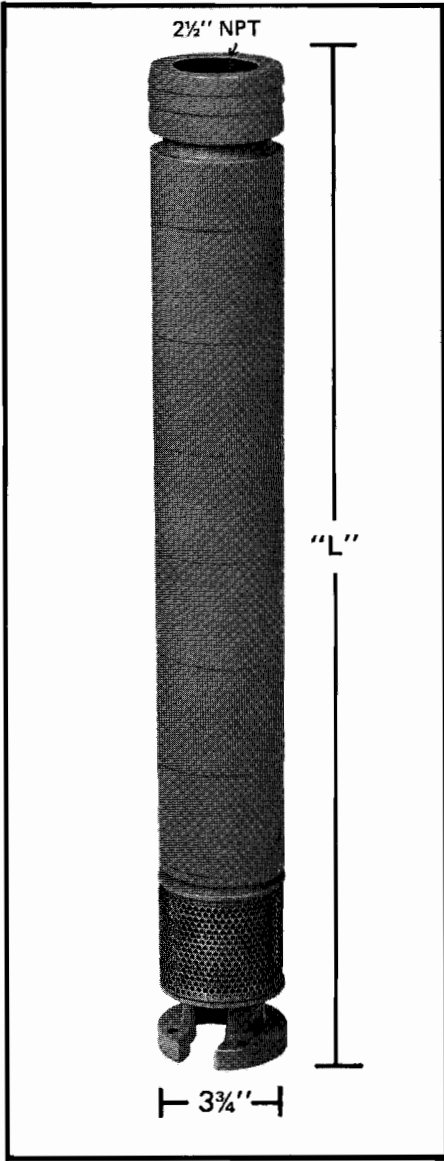




COMPOSITE PERFORMANCE CURVES



MODEL
B-70
70 GPM



PIONEER

Performance Charts Gallons Per Minute

B 70

Note: Pipe Friction Loss Not Included

70 GPM 4 Stages		1-½ H.P. GB70					
1 Phase		3 Phase					
230 Volt B7012F		230 Volt B7032F					
		460 Volt B7034F					
		200 Volt B7035F					
SHUT OFF PSI	DEPTH IN FEET	GALLONS PER MINUTE DISCHARGE PRESSURE					
		0	20	30	40	50	60
39	20	100	66				
30	40	84	46				
22	60	72	16				
13	80	52					
4	100	20					

70 GPM 5 Stages		2 H.P. GB70					
1 Phase		3 Phase					
230 Volt B7012G		230 Volt B7032G					
		460 Volt B7034G					
		200 Volt B7035G					
SHUT OFF PSI	DEPTH IN FEET	GALLONS PER MINUTE DISCHARGE PRESSURE					
		0	20	30	40	50	60
52	20	104	78	60	44	6	
43	40	92	66	48	20		
35	60	84	50	20			
26	80	68	32				
17	100	56					
9	120	36					

70 GPM 8 Stages		3 H.P. HB 70					
1 Phase		3 Phase					
230 Volt B7012H		230 Volt B7032H					
		460 Volt B7034H					
		200 Volt B7035H					
SHUT OFF PSI	DEPTH IN FEET	GALLONS PER MINUTE DISCHARGE PRESSURE					
		0	20	30	40	50	60
76	40	102	88	76	68	58	42
67	60	96	78	68	60	44	28
59	80	88	70	60	48	32	
50	100	80	62	48	36		
41	120	72	52	36	16		
33	140	64	40	16			
24	160	56	20				
16	180	44					
7	200	28					

70 GPM 11 Stages		5 H.P. JB 70-1					
1 Phase		3 Phase					
230 Volt B7012J1		230 Volt B7032J1					
		460 Volt B7034J1					
		200 Volt B7035J1					
SHUT OFF PSI	DEPTH IN FEET	GALLONS PER MINUTE DISCHARGE PRESSURE					
		0	20	30	40	50	60
104	60	102	86	84	78	70	60
95	80	96	84	78	72	62	52
87	100	92	78	70	64	54	44
78	120	86	72	64	56	46	36
69	140	80	66	56	48	38	20
52	160	74	58	48	40	26	
43	200	60	42	28			
35	220	52	32				
26	240	44	16				
17	260	36					
9	280	20					

70 GPM 13 Stages		5 H.P. JB 70					
1 Phase		3 Phase					
230 Volt B7012J		230 Volt B7032J					
		460 Volt B7034J					
		200 Volt B7035J					
SHUT OFF PSI	DEPTH IN FEET	GALLONS PER MINUTE DISCHARGE PRESSURE					
		0	20	30	40	50	60
119	80	100	90	86	82	74	68
93	100	96	86	82	78	70	62
85	120	92	82	78	72	74	56
76	140	88	78	72	64	58	48
67	160	82	72	64	58	50	40
59	180	78	64	60	52	42	32
50	200	76	60	52	44	34	20
41	220	68	54	44	36	20	
33	240	62	48	36	24		
24	260	56	38	24			
16	280	48	28				
7	300	40					

70 GPM 19 Stages		7-½ H.P. KB 70					
1 Phase		3 Phase					
230 Volt B 7012K		230 Volt B7032K					
		460 Volt B7034K					
		200 Volt B7035K					
SHUT OFF PSI	DEPTH IN FEET	GALLONS PER MINUTE DISCHARGE PRESSURE					
		0	20	30	40	50	60
165	140	98	92	88	84	82	76
156	160	96	90	84	82	78	72
148	180	92	86	82	78	74	68
139	200	90	82	78	74	70	64
130	220	86	78	74	70	66	60
122	240	82	74	70	64	62	56
113	260	80	72	64	62	58	48
104	280	76	68	62	58	50	42
95	300	72	64	58	52	44	38
87	320	68	58	52	48	40	32
78	340	64	54	48	42	34	24
69	360	60	48	42	36	26	
61	380	56	42	36	28		
52	400	50	38	28			
43	420	44	28				
35	440	40					

70 GPM 26 Stages		10 H.P. LB 70					
1 Phase		3 Phase					
		230 Volt B7032L					
		460 Volt B7034L					
		200 Volt B7035L					
SHUT OFF PSI	DEPTH IN FEET	GALLONS PER MINUTE DISCHARGE PRESSURE					
		0	20	30	40	50	60
221	200	98	94	92	88	86	84
213	220	96	92	88	86	84	82
204	240	94	90	86	84	82	80
195	260	92	86	84	82	80	76
187	280	90	84	82	80	76	64
178	300	88	82	80	76	74	70
169	320	86	80	76	74	70	66
161	340	82	76	74	72	68	64
152	360	80	74	72	68	64	62
143	380	78	72	68	64	62	58
135	400	76	68	64	62	58	54
126	420	72	64	62	58	54	48
117	440	70	62	58	54	42	44
109	460	66	58	54	52	46	40
100	480	62	54	50	46	42	34
91	500	60	52	46	42	36	28
82	520	56	48	42	36	32	22
74	540	52	46	36	32	24	
65	560	48	38	32	26		
56	580	44	32	26			
48	600	40	26				
39	620	34					