

Selection Charts
(Ratings are in Gallons per Minute - GPM)

Flow Range
(10 To 20 GPM)

Pump Outlet
1 1/4" NPT

		Depth to pumping water Level (Lift) In Feet																											
PUMP MODEL	HP	PSI	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	400	460	520	600	700	800	900	1000	1100		
QF5-5	1/2	20	20.3	18.2	14.1	10	5.0																						
		30	17.3	14.4	8.0	1.6																							
		40	12.7	8.0	4.0																								
		50	6.5																										
		60	2.9																										
SHUT-OFF PSI			58	49	40	32	23	14																					
QF5-8	3/4	0					20.5	19.2	17.5	15.8	12.8	9.8	5.2																
		20			20.1	18.8	16.9	15.2	11.8	8.5	4.3																		
		30	21.2	19.9	18.4	16.9	14.3	11.8	7.5	3.2	1.6																		
		40	19.7	18.3	16.3	14.3	10.8	7.2	3.6																				
		50	17.9	16.3	13.5	10.7	6.2	1.7																					
60	15.7	13.5	9.6	5.8	2.9																								
SHUT-OFF PSI			97	88	80	71	62	54	45	36	28	19	10																
QF5-10	1	0					20.8	19.8	18.8	17.3	15.9	13.7	11.4	8.0	4.7														
		20				20.5	19.4	18.3	16.8	15.3	12.9	10.5	7.0	3.5	1.8														
		30			20.3	19.3	18.1	16.8	14.8	12.8	9.8	6.7	3.3																
		40		20.2	19.1	18.0	16.4	14.8	12.2	9.6	5.9	2.3																	
		50	20.0	19.0	17.7	16.3	14.2	12.0	8.8	5.6	2.8																		
60	18.8	17.6	15.8	14.1	11.3	8.6	4.8																						
SHUT-OFF PSI			123	115	106	97	89	80	71	63	54	45	37	28	19	11													
QF5-14	1 1/2	0							21.0	20.3	19.6	18.8	18.0	16.9	15.8	14.3	10.7	3.3											
		20						20.1	19.3	18.5	17.7	16.6	15.4	13.8	12.2	10.0	5.1												
		30				20.7	20.0	19.2	18.4	17.4	16.5	15.1	13.7	11.8	9.8	7.3	2.4												
		40			20.6	19.8	19.1	18.3	17.4	16.0	15.0	13.3	11.6	9.3	7.0	4.3													
		50		20.4	19.8	18.9	18.2	17.2	16.1	14.7	13.2	11.2	9.1	6.5	3.9	2.0													
60	20.3	19.6	18.8	18.0	17.1	15.8	14.5	12.8	11.0	8.6	6.3	3.4																	
SHUT-OFF PSI			167	158	149	141	132	123	115	106	97	89	80	71	63	54	37	28											
QF5-18	2	0									21.2	20.6	20	19.5	18.9	18.2	16.7	13.5	8.8	2.7									
		20								20.4	19.8	19.3	18.7	18.0	17.3	16.4	14.3	10.0	4.2										
		30							20.3	19.8	19.2	18.6	17.9	17.2	16.3	15.3	12.8	7.9	1.9										
		40					20.3	19.7	19.1	18.5	17.8	17.1	16.1	15.2	13.9	11.1	5.7												
		50				20.2	19.6	19.0	18.3	17.7	16.8	16.0	14.9	13.8	12.3	9.2	3.2												
60			20.1	19.5	18.9	18.3	17.5	16.8	15.8	14.8	13.5	12.3	10.6	7.0															
SHUT-OFF PSI					194	186	177	168	160	151	142	134	125	116	108	90	65	39	13										
QF5-24	3	0															19.6	18.3	16.5	14.2	9.8	2.1							
		20														20.3	19.9	19.5	18.6	17.0	14.8	11.8	6.5						
		30													20.3	19.8	19.4	19.0	18	16.3	13.7	10.4	4.7						
		40												20.2	19.8	19.3	18.9	18.4	17.3	15.3	12.5	8.9	2.8						
		50											20.2	19.8	19.3	18.8	18.3	17.8	16.7	14.3	11.3	7.3							
60									20.1	19.7	19.2	18.8	18.3	17.8	17.2	15.8	13.3	9.8	5.5										
SHUT-OFF PSI									239	230	221	213	204	195	187	169	143	117	91	57	13								
QF5-38	5	0																	21.5	20.4	18.7	16.5	13.4	8.9	2.1				
		20																	20.9	19.6	17.7	15.2	11.5	6.1					
		30																	21.4	20.5	19.2	17.2	14.5	10.5	4.5				
		40																	21.1	20.2	18.8	16.7	13.7	9.3	2.7				
		50																21.6	20.7	19.8	18.4	16.1	12.8	8.0	0.8				
60																21.3	20.4	19.4	17.9	15.4	11.9	6.6							
SHUT-OFF PSI																	314	288	262	227	184	141	98	54	11				

See QF5 Performance Curves for Higher Head Models.
Specifications Subject to change without Notice.