

## MonoDrive NEMA 1 Enclosure:

QuickPAK			MonoDrive		Pump					Motor	
Order No.	Model Number	GPM	Drive Type	Part No.	HP	GPM	Design	Hydraulics	Part No.	HP	Part No.
93970501	5-3WQP-0.5HP	5	MD	5870203110	1/2	5	SS	Noryl	93870505	1/2	2145059004S
93970503	5-3WQP-0.75HP	5	MD	5870203110	3/4	5	SS	Noryl	93870507	3/4	2145079004S
93970505	5-3WQP-1.0HP	5	MD	5870203110	1	5	SS	Noryl	93870510	1	2145089003S
93970701	7-3WQP-0.5HP	7	MD	5870203110	1/2	7	SS	Tri-Seal	93870705	1/2	2145059004S
93970703	7-3WQP-0.75HP	7	MD	5870203110	3/4	7	SS	Tri-Seal	93870707	3/4	2145079004S
93970705	7-3WQP-1.0HP	7	MD	5870203110	1	7	SS	Tri-Seal	93870710	1	2145089003S
93971001	10-3WQP-0.5HP	10	MD	5870203110	1/2	10	SS	Tri-Seal	93871005	1/2	2145059004S
93971003	10-3WQP-0.75HP	10	MD	5870203110	3/4	10	SS	Tri-Seal	93871007	3/4	2145079004S
93971005	10-3WQP-1.0HP	10	MD	5870203110	1	10	SS	Tri-Seal	93871010	1	2145089003S
93971007	10-3WQP-1.5HP	10	MDXT	5870204110	1.5	10	SS	Tri-Seal	93871015	1.5	2243009203S
93971009	10-3WQP-2.0HP	10	MDXT	5870204110	2	10	SS	Tri-Seal	93871020	2	2243019204S
93971501	15-3WQP-0.5HP	15	MD	5870203110	1/2	15	SS	Tri-Seal	93871505	1/2	2145059004S
93971503	15-3WQP-0.75HP	15	MD	5870203110	3/4	15	SS	Tri-Seal	93871507	3/4	2145079004S
93971505	15-3WQP-1.0HP	15	MD	5870203110	1	15	SS	Tri-Seal	93871510	1	2145089003S
93971507	15-3WQP-1.5HP	15	MDXT	5870204110	1.5	15	SS	Tri-Seal	93871515	1.5	2243009203S
93971509	15-3WQP-2.0HP	15	MDXT	5870204110	2	15	SS	Tri-Seal	93871520	2	2243019204S
93972003	20-3WQP-0.75HP	20	MD	5870203110	3/4	20	SS	Tri-Seal	93872007	3/4	2145079004S
93972005	20-3WQP-1.0HP	20	MD	5870203110	1	20	SS	Tri-Seal	93872010	1	2145089003S
93972007	20-3WQP-1.5HP	20	MDXT	5870204110	1.5	20	SS	Tri-Seal	93872015	1.5	2243009203S
93972009	20-3WQP-2.0HP	20	MDXT	5870204110	2	20	SS	Tri-Seal	93872020	2	2243019204S
93972505	25-3WQP-1.0HP	25	MD	5870203110	1	25	SS	Tri-Seal	93872510	1	2145089003S
93972507	25-3WQP-1.5HP	25	MDXT	5870204110	1.5	25	SS	Tri-Seal	93872515	1.5	2243009203S
93972509	25-3WQP-2.0HP	25	MDXT	5870204110	2	25	SS	Tri-Seal	93872525	2	2243019204S

**NOTE:** Verify dip switches are set properly. Please refer to the Wiring/Configuration insert or the Quick Installation Guide for dip switch settings.

# 3-Wire *QuickPAK*

## MonoDrive NEMA 4 Enclosure:

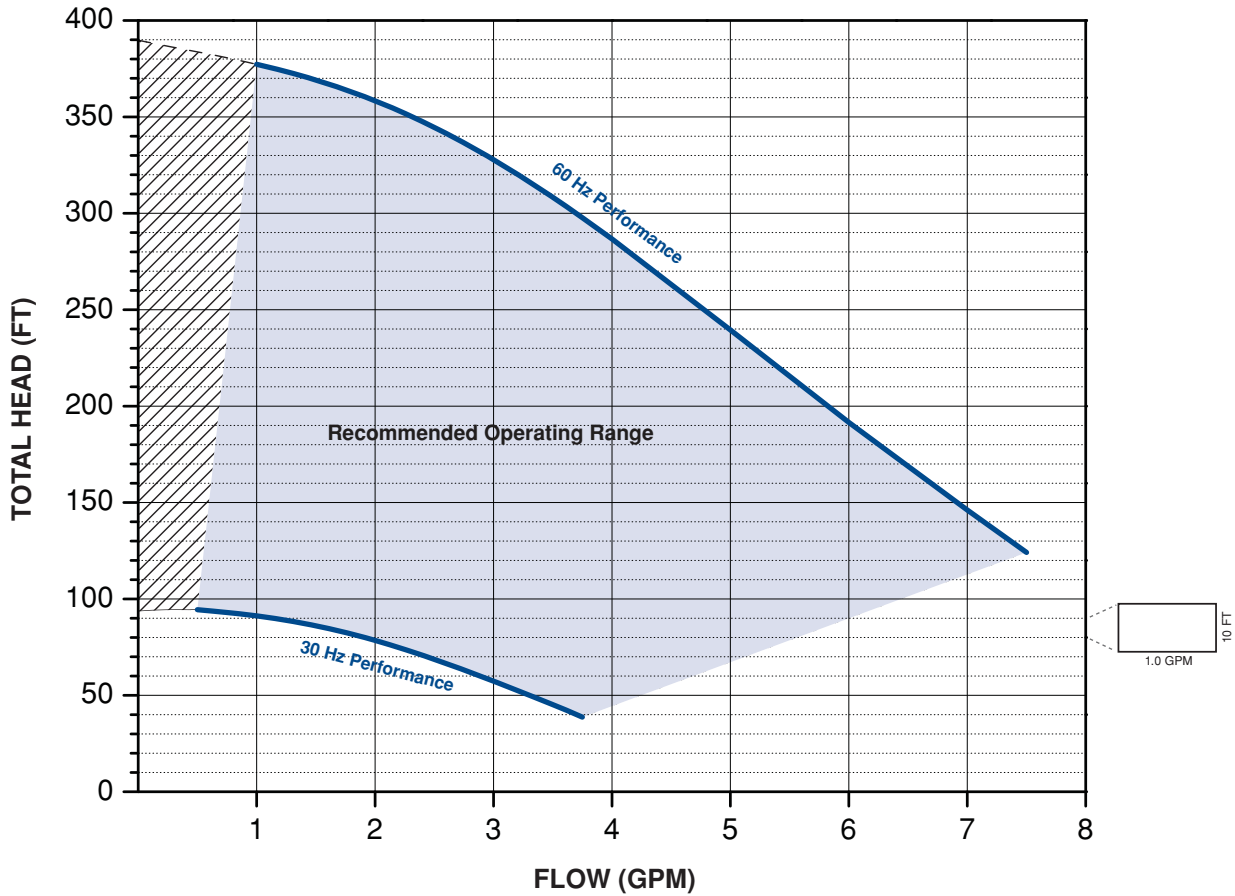
QuickPAK			MonoDrive		Pump					Motor	
Order No.	Model Number	GPM	Drive Type	Part No.	HP	GPM	Design	Hydraulics	Part No.	HP	Part No.
93970502	5-3WQP-0.5HP-N4	5	MD-N4	5870203114	1/2	5	SS	Noryl	93870505	1/2	2145059004S
93970504	5-3WQP-0.75HP-N4	5	MD-N4	5870203114	3/4	5	SS	Noryl	93870507	3/4	2145079004S
93970506	5-3WQP-1.0HP-N4	5	MD-N4	5870203114	1	5	SS	Noryl	93870510	1	2145089003S
93970702	7-3WQP-0.5HP-N4	7	MD-N4	5870203114	1/2	7	SS	Tri-Seal	93870705	1/2	2145059004S
93970704	7-3WQP-0.75HP-N4	7	MD-N4	5870203114	3/4	7	SS	Tri-Seal	93870707	3/4	2145079004S
93970706	7-3WQP-1.0HP-N4	7	MD-N4	5870203114	1	7	SS	Tri-Seal	93870710	1	2145089003S
93971002	10-3WQP-0.5HP-N4	10	MD-N4	5870203114	1/2	10	SS	Tri-Seal	93871005	1/2	2145059004S
93971004	10-3WQP-0.75HP-N4	10	MD-N4	5870203114	3/4	10	SS	Tri-Seal	93871007	3/4	2145079004S
93971006	10-3WQP-1.0HP-N4	10	MD-N4	5870203114	1	10	SS	Tri-Seal	93871010	1	2145089003S
93971008	10-3WQP-1.5HP-N4	10	MDXT-N4	5870204114	1.5	10	SS	Tri-Seal	93871015	1.5	2243009203S
93971010	10-3WQP-2.0HP-N4	10	MDXT-N4	5870204114	2	10	SS	Tri-Seal	93871020	2	2243019204S
93971502	15-3WQP-0.5HP-N4	15	MD-N4	5870203114	1/2	15	SS	Tri-Seal	93871505	1/2	2145059004S
93971504	15-3WQP-0.75HP-N4	15	MD-N4	5870203114	3/4	15	SS	Tri-Seal	93871507	3/4	2145079004S
93971506	15-3WQP-1.0HP-N4	15	MD-N4	5870203114	1	15	SS	Tri-Seal	93871510	1	2145089003S
93971508	15-3WQP-1.5HP-N4	15	MDXT-N4	5870204114	1.5	15	SS	Tri-Seal	93871515	1.5	2243009203S
93971510	15-3WQP-2.0HP-N4	15	MDXT-N4	5870204114	2	15	SS	Tri-Seal	93871520	2	2243019204S
93972004	20-3WQP-0.75HP-N4	20	MD-N4	5870203114	3/4	20	SS	Tri-Seal	93872007	3/4	2145079004S
93972006	20-3WQP-1.0HP-N4	20	MD-N4	5870203114	1	20	SS	Tri-Seal	93872010	1	2145089003S
93972008	20-3WQP-1.5HP-N4	20	MDXT-N4	5870204114	1.5	20	SS	Tri-Seal	93872015	1.5	2243009203S
93972010	20-3WQP-2.0HP-N4	20	MDXT-N4	5870204114	2	20	SS	Tri-Seal	93872020	2	2243019204S
93972506	25-3WQP-1.0HP-N4	25	MD-N4	5870203114	1	25	SS	Tri-Seal	93872510	1	2145089003S
93972508	25-3WQP-1.5HP-N4	25	MDXT-N4	5870204114	1.5	25	SS	Tri-Seal	93872515	1.5	2243009203S
93972510	25-3WQP-2.0HP-N4	25	MDXT-N4	5870204114	2	25	SS	Tri-Seal	93872525	2	2243019204S

**NOTE:** Verify dip switches are set properly. Please refer to the Wiring/Configuration insert or the Quick Installation Guide for dip switch settings.

# Pump Performance

## 5-3WQP-0.5HP

MonoDrive, 5 gpm - 1/2 hp Pump End, 1/2 hp Motor



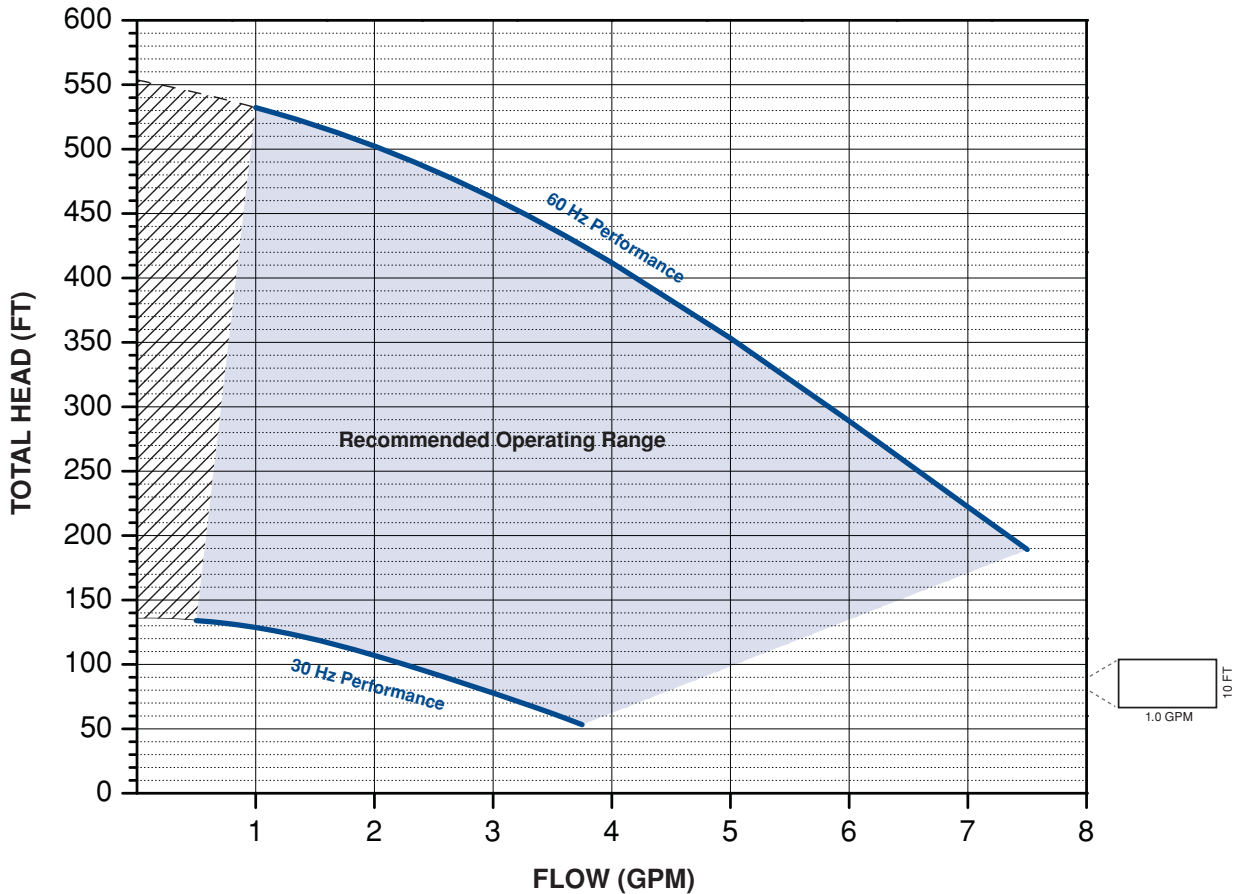
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)												
		20	40	60	80	100	120	140	160	180	200	250	300	350
1/2	0							7.1	6.7	6.3	5.9	4.8	3.7	2.3
	10						7.0	6.6	6.2	5.8	5.4	4.3	3.1	1.2
	20				7.5	7.0	6.5	6.2	5.7	5.3	4.9	3.8	2.5	
	30			7.4	6.9	6.5	6.1	5.7	5.2	4.8	4.3	3.2	1.5	
	40		7.3	6.8	6.4	6.0	5.6	5.2	4.7	4.3	3.8	2.6		
	50	7.2	6.8	6.4	6.0	5.5	5.1	4.6	4.2	3.8	3.3	1.7		
	60	6.7	6.3	5.9	5.5	5.0	4.6	4.1	3.7	3.3	2.7	0.1		
	70	6.2	5.8	5.4	5.0	4.5	4.1	3.6	3.2	2.6	1.9			
	80	5.8	5.3	4.9	4.4	4.0	3.6	3.1	2.5	1.7	0.4			
	90	5.3	4.8	4.4	3.9	3.5	3.0	2.4	1.5	0.2				
	100	4.7	4.3	3.9	3.4	2.9	2.3	1.4						
	110	4.2	3.8	3.4	2.9	2.2	1.2							
	120	3.7	3.3	2.8	2.1	1.0								
	130	3.2	2.7	1.9	0.8									
	140	2.6	1.8	0.5										
150	1.6	0.3												
Shut-off psi		160	151	143	134	125	117	108	100	91	82	61	39	17

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# 3-Wire QuickPAK

## 5-3WQP-0.75HP

MonoDrive, 5 gpm - 3/4 hp Pump End, 3/4 hp Motor



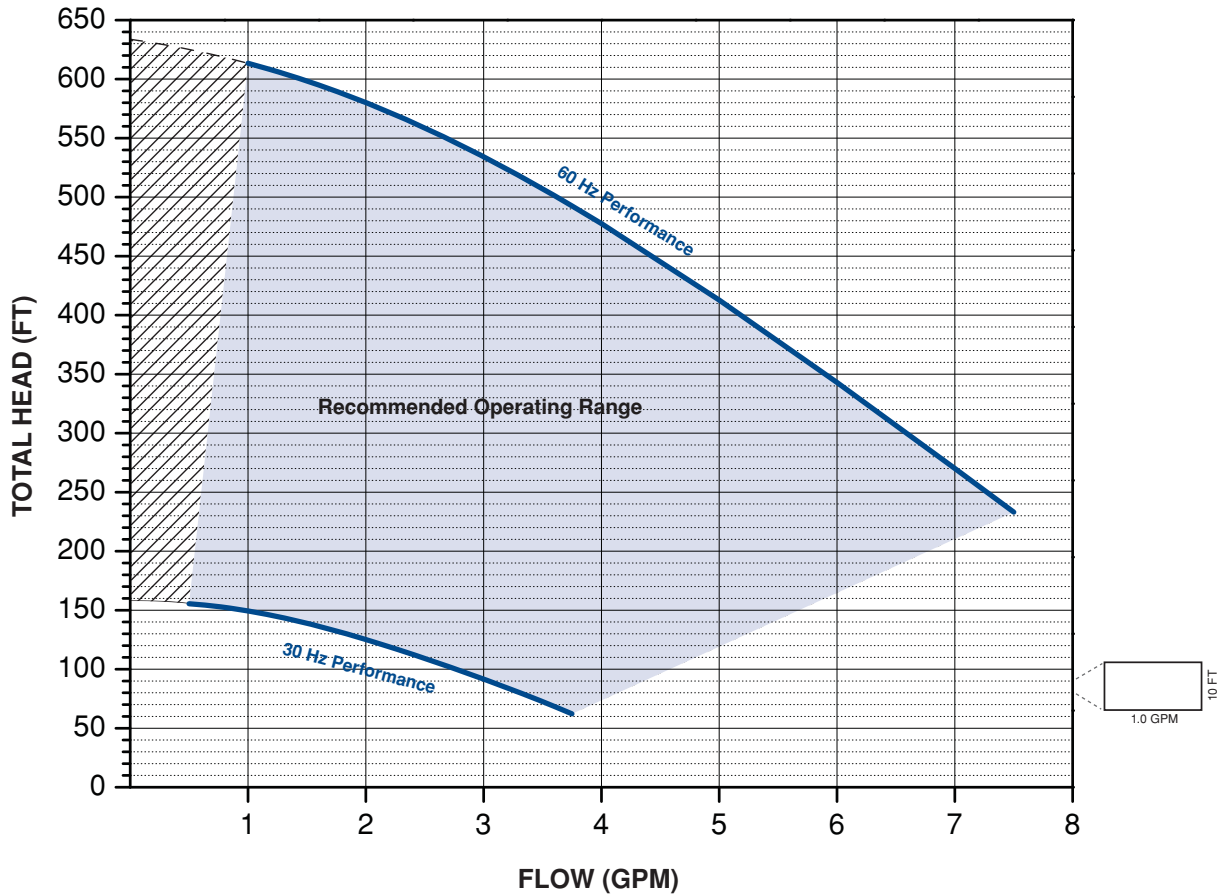
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550
3/4	0									7.3	6.6	5.9	5.1	4.2	3.3	2.1	0.2	
	10								7.3	7.0	6.3	5.5	4.7	3.8	2.8	1.3		
	20							7.2	6.9	6.6	5.9	5.1	4.3	3.3	2.2	0.4		
	30						7.5	7.2	6.9	6.6	6.3	5.6	4.7	3.8	2.8	1.5		
	40					7.5	7.1	6.8	6.6	6.3	6.0	5.2	4.3	3.4	2.3	0.6		
	50				7.4	7.1	6.8	6.5	6.2	5.9	5.6	4.8	3.9	2.9	1.6			
	60			7.3	7.0	6.7	6.5	6.2	5.9	5.6	5.2	4.4	3.5	2.4	0.7			
	70		7.3	7.0	6.7	6.4	6.1	5.8	5.5	5.2	4.9	4.0	3.0	1.7				
	80	7.2	6.9	6.7	6.4	6.1	5.8	5.5	5.1	4.8	4.5	3.6	2.5	0.9				
	90	6.9	6.6	6.3	6.0	5.7	5.4	5.1	4.8	4.4	4.1	3.1	1.8					
	100	6.6	6.3	6.0	5.7	5.4	5.0	4.7	4.4	4.0	3.6	2.6	1.0					
	110	6.2	5.9	5.6	5.3	5.0	4.6	4.3	3.9	3.6	3.2	2.0						
	120	5.9	5.6	5.3	4.9	4.6	4.2	3.9	3.5	3.1	2.7	1.2						
	130	5.5	5.2	4.9	4.5	4.2	3.8	3.5	3.0	2.6	2.1	0.2						
	140	5.2	4.8	4.5	4.1	3.8	3.4	3.0	2.5	2.0	1.3							
	150	4.8	4.4	4.1	3.7	3.3	2.9	2.4	1.9	1.2	0.4							
	160	3.5	3.1	2.7	2.2	1.6	0.8											
Shut-off psi		231	222	214	205	196	188	179	170	162	153	132	110	88	67	45	23	2

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# Pump Performance

## 5-3WQP-1.0HP

MonoDrive, 5 gpm - 1.0 hp Pump End, 1.0 hp Motor



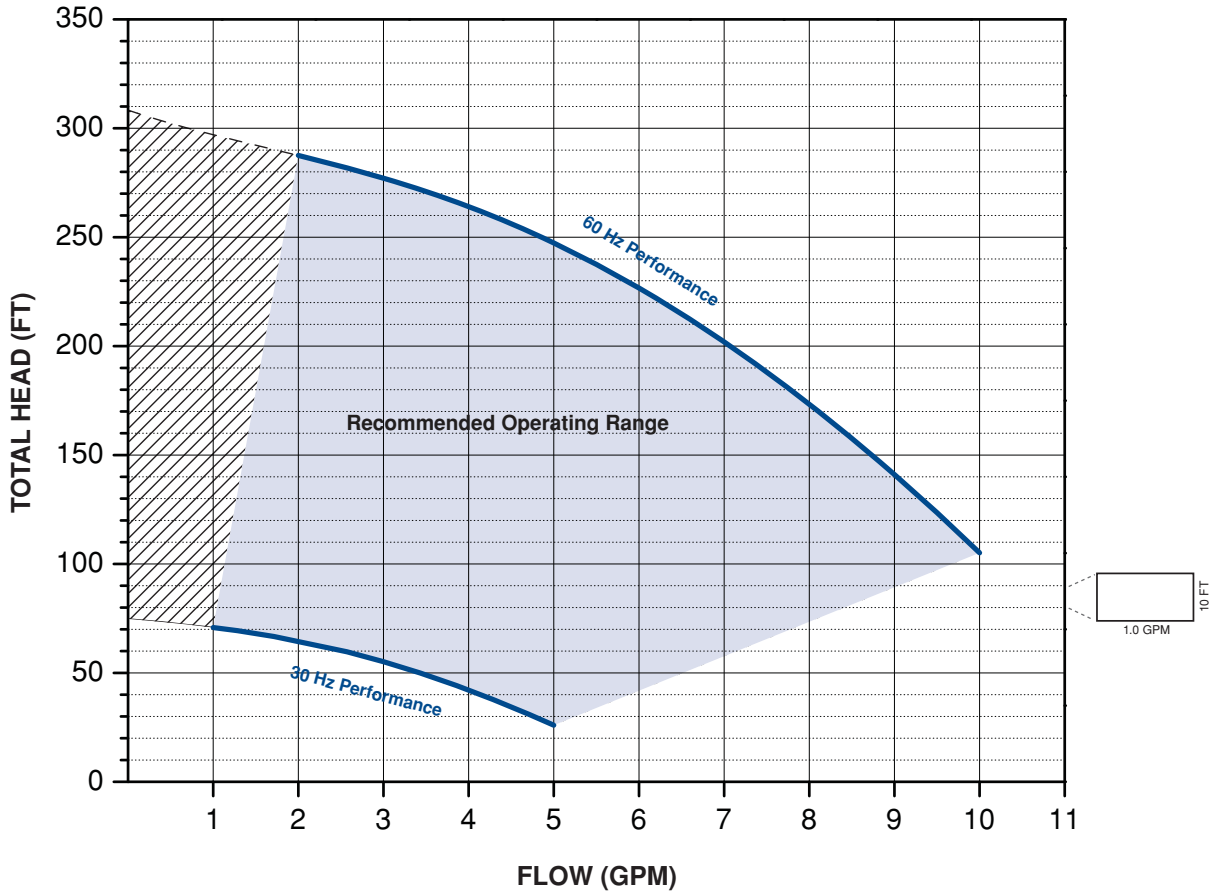
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																	
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550	600
1	0											7.2	6.6	5.9	5.2	4.4	3.6	2.7	1.4
	10											6.9	6.3	5.6	4.8	4.0	3.2	2.2	0.6
	20										7.3	6.6	6.0	5.3	4.5	3.7	2.8	1.6	
	30									7.3	7.0	6.3	5.7	4.9	4.1	3.3	2.3	0.7	
	40								7.2	6.9	6.7	6.0	5.3	4.5	3.7	2.9	1.7		
	50						7.5	7.2	6.9	6.6	6.4	5.7	5.0	4.2	3.3	2.4	0.9		
	60					7.4	7.1	6.9	6.6	6.4	6.1	5.4	4.6	3.8	2.9	1.8			
	70				7.4	7.1	6.8	6.6	6.3	6.1	5.8	5.0	4.2	3.4	2.5	1.0			
	80			7.3	7.0	6.8	6.5	6.3	6.0	5.7	5.4	4.7	3.9	3.0	1.9				
	90		7.3	7.0	6.7	6.5	6.2	6.0	5.7	5.4	5.1	4.3	3.5	2.5	1.2				
	100	7.2	7.0	6.7	6.5	6.2	5.9	5.6	5.3	5.0	4.7	3.9	3.1	2.0	0.2				
	110	6.9	6.7	6.4	6.2	5.9	5.6	5.3	5.0	4.7	4.3	3.5	2.6	1.3					
	120	6.6	6.4	6.1	5.8	5.6	5.3	4.9	4.6	4.3	4.0	3.1	2.1	0.4					
	130	6.3	6.1	5.8	5.5	5.2	4.9	4.6	4.2	3.9	3.6	2.7	1.4						
	140	6.0	5.8	5.5	5.2	4.8	4.5	4.2	3.9	3.5	3.2	2.2	0.6						
	150	5.7	5.4	5.1	4.8	4.5	4.1	3.8	3.5	3.2	2.8	1.6							
	160	4.6	4.3	4.0	3.7	3.3	3.0	2.6	2.1	1.6	0.9								
Shut-off psi		266	257	248	240	231	222	214	205	196	188	166	145	123	101	80	58	36	15

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# 3-Wire *QuickPAK*

## 7-3WQP-0.5HP

MonoDrive, 7 gpm - 1/2 hp Pump End, 1/2 hp Motor



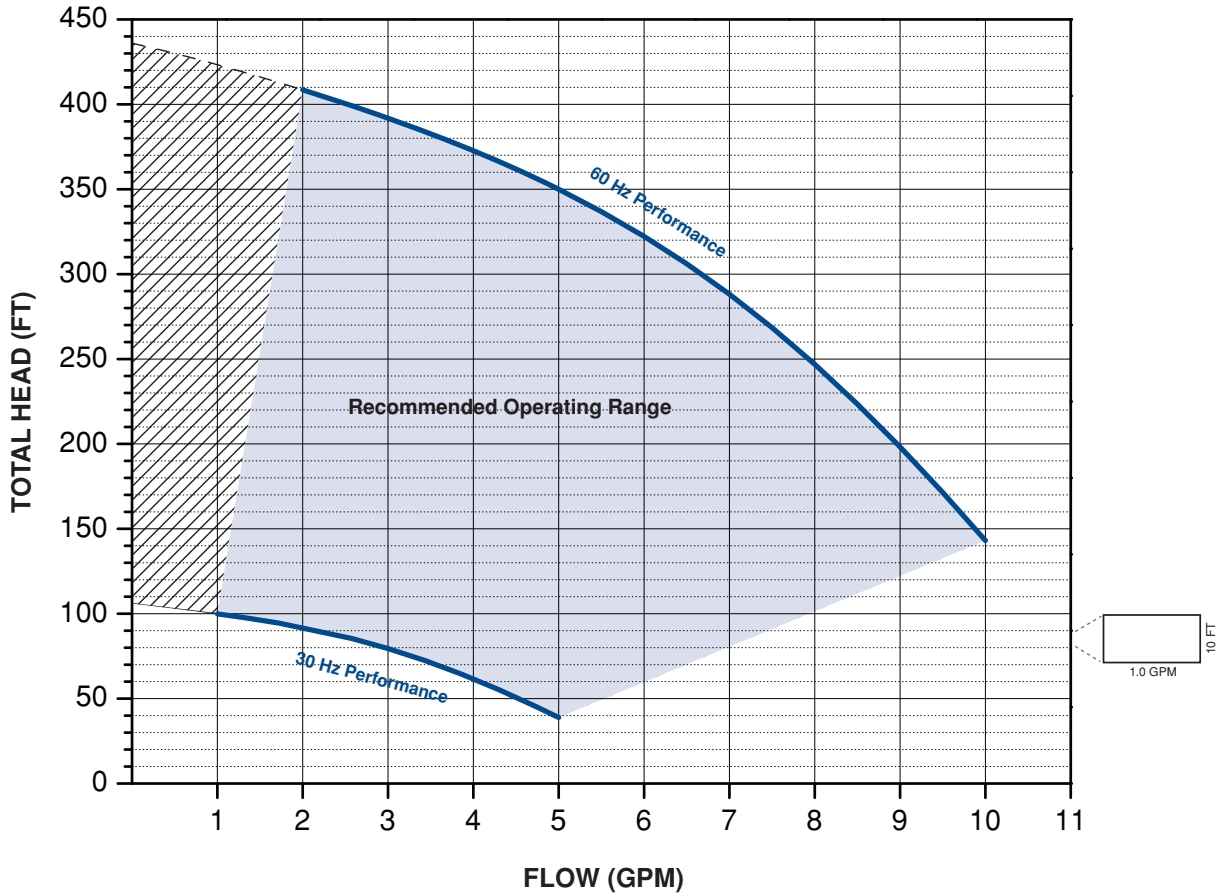
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)											
		20	40	60	80	100	120	140	160	180	200	250	300
1/2	0						9.7	9.0	8.4	7.7	7.1	4.9	0.8
	10					9.6	8.9	8.3	7.6	7.0	6.2	3.3	
	20			10.0	9.5	8.8	8.2	7.5	6.9	6.1	5.1	1.2	
	30		9.9	9.4	8.7	8.1	7.4	6.8	5.9	4.9	3.6		
	40	9.8	9.3	8.6	8.0	7.3	6.6	5.8	4.7	3.3	1.5		
	50	9.2	8.5	7.9	7.2	6.5	5.7	4.5	3.1	1.2			
	60	8.4	7.8	7.1	6.4	5.5	4.3	2.8	0.9				
	70	7.7	7.0	6.3	5.3	4.1	2.5	0.6					
	80	6.9	6.1	5.2	3.9	2.3	0.3						
	90	6.0	5.0	3.7	2.0								
	100	4.8	3.4	1.7									
	110	3.2	1.4										
	120	1.1											
Shut-off psi		125	116	108	99	90	82	73	64	56	47	25	4

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# Pump Performance

## 7-3WQP-0.75HP

MonoDrive, 7 gpm - 3/4 hp Pump End, 3/4 hp Motor



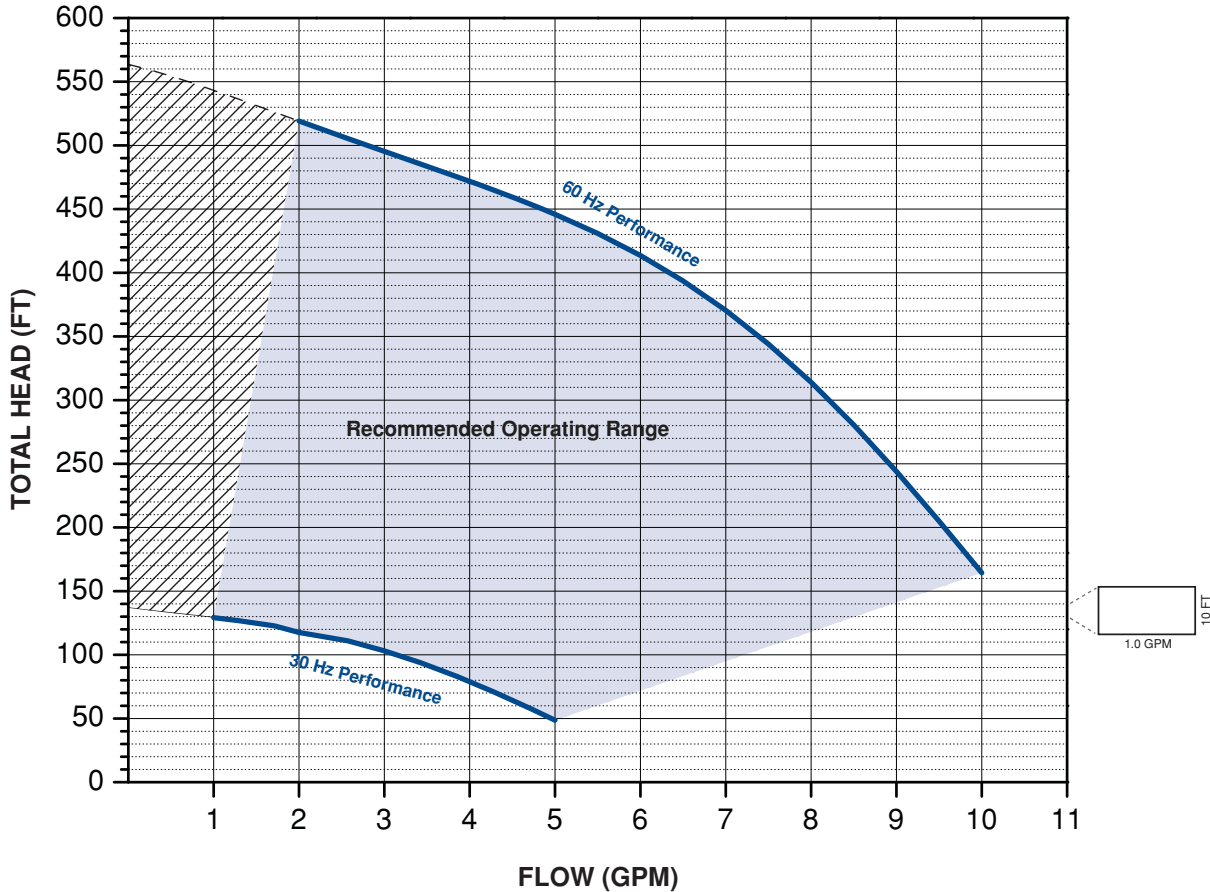
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)													
		20	40	60	80	100	120	140	160	180	200	250	300	350	400
3/4	0								9.7	9.3	9.0	7.9	6.7	5.0	2.5
	10							9.7	9.3	8.9	8.5	7.4	6.0	4.0	1.0
	20					9.9	9.6	9.2	8.8	8.4	8.0	6.8	5.1	2.8	
	30				9.9	9.5	9.2	8.8	8.4	7.9	7.5	6.1	4.2	1.3	
	40			9.8	9.5	9.1	8.7	8.3	7.9	7.4	6.9	5.3	3.0		
	50		9.8	9.4	9.1	8.7	8.2	7.8	7.3	6.8	6.2	4.3	1.5		
	60	9.7	9.4	9.0	8.6	8.2	7.7	7.3	6.7	6.1	5.4	3.2			
	70	9.3	8.9	8.5	8.1	7.7	7.2	6.6	6.0	5.3	4.5	1.8			
	80	8.9	8.5	8.0	7.6	7.1	6.5	5.9	5.2	4.4	3.4	0.1			
	90	8.4	8.0	7.5	7.0	6.4	5.8	5.1	4.2	3.2	2.1				
	100	7.9	7.4	6.9	6.4	5.7	5.0	4.1	3.1	1.9	0.4				
	110	7.4	6.8	6.3	5.6	4.8	3.9	2.9	1.6	0.2					
	120	6.8	6.2	5.5	4.7	3.8	2.7	1.4							
	130	6.1	5.4	4.6	3.6	2.5	1.2								
	140	5.3	4.4	3.5	2.3	1.0									
	150	4.3	3.3	2.1	0.8										
Shut-off psi		180	171	163	154	145	137	128	119	111	102	81	59	37	16

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# 3-Wire QuickPAK

## 7-3WQP-1.0HP

MonoDrive, 7 gpm - 1.0 hp Pump End, 1.0 hp Motor



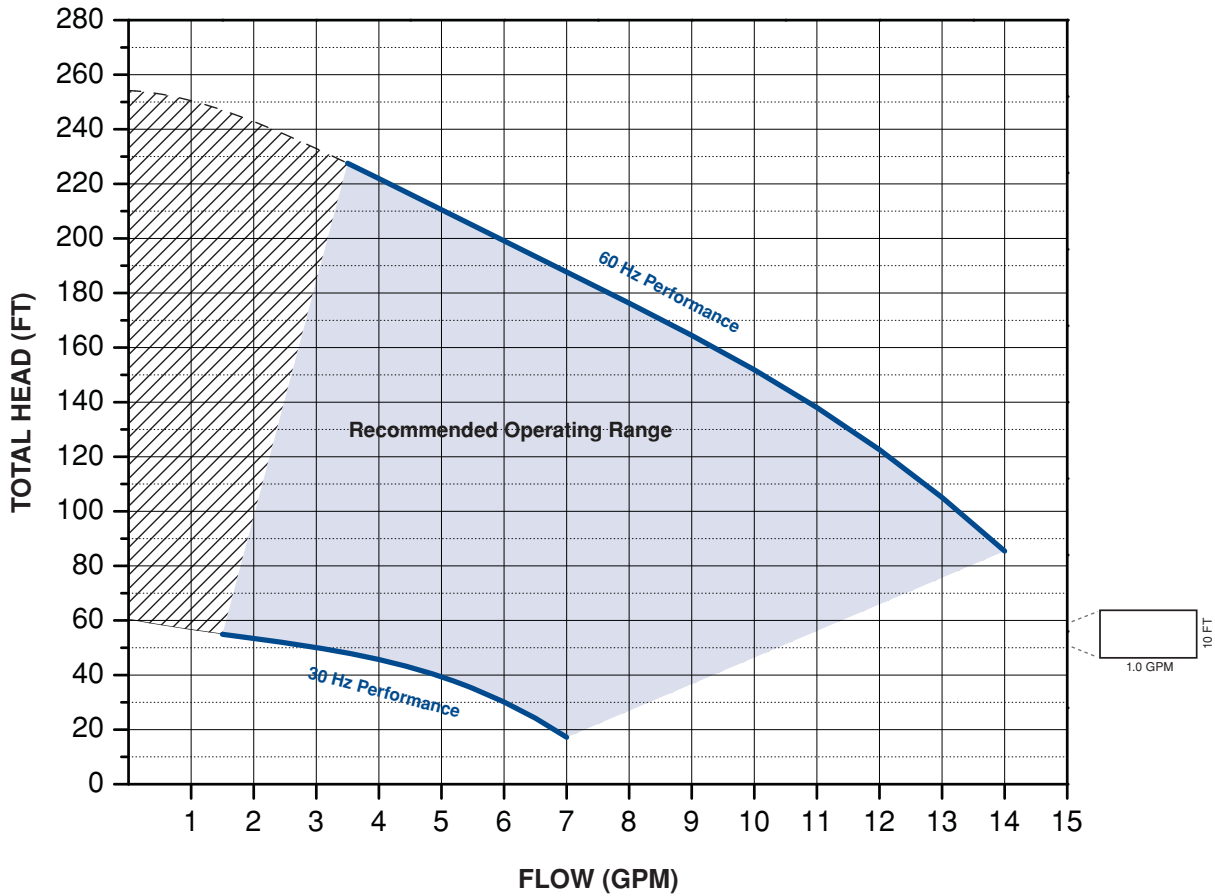
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550
1	0									9.8	9.6	8.9	8.2	7.4	6.3	4.8	2.9	0.7
	10								9.8	9.5	9.3	8.6	7.9	7.0	5.7	4.0	1.9	
	20						10.0	9.7	9.5	9.2	9.0	8.3	7.5	6.4	5.0	3.0	0.8	
	30					9.9	9.7	9.4	9.2	8.9	8.6	7.9	7.0	5.8	4.1	2.0		
	40				9.9	9.7	9.4	9.1	8.9	8.6	8.3	7.6	6.5	5.1	3.2	1.0		
	50			9.9	9.6	9.4	9.1	8.8	8.6	8.3	8.0	7.1	5.9	4.3	2.2			
	60		9.8	9.6	9.3	9.1	8.8	8.5	8.2	7.9	7.6	6.6	5.2	3.3	1.2			
	70	9.8	9.5	9.3	9.0	8.7	8.5	8.2	7.9	7.6	7.2	6.0	4.4	2.4	0.2			
	80	9.5	9.2	9.0	8.7	8.4	8.2	7.8	7.5	7.1	6.7	5.3	3.5	1.3				
	90	9.2	8.9	8.7	8.4	8.1	7.8	7.5	7.1	6.6	6.1	4.5	2.5	0.3				
	100	8.9	8.6	8.3	8.1	7.7	7.4	7.0	6.6	6.0	5.5	3.7	1.5					
	110	8.6	8.3	8.0	7.7	7.3	6.9	6.5	6.0	5.4	4.7	2.7	0.5					
	120	8.3	8.0	7.6	7.3	6.9	6.4	5.9	5.3	4.6	3.8	1.7						
	130	7.9	7.6	7.2	6.8	6.3	5.8	5.2	4.5	3.7	2.9	0.7						
	140	7.5	7.2	6.7	6.2	5.7	5.1	4.3	3.6	2.7	1.8							
	150	7.1	6.7	6.2	5.6	4.9	4.2	3.4	2.6	1.7	0.8							
	160	5.3	4.6	3.9	3.0	2.2	1.3	0.4										
Shut-off psi		235	227	218	209	201	192	183	175	166	157	136	114	92	71	49	28	6

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# Pump Performance

## 10-3WQP-0.5HP

MonoDrive, 10 gpm - 1/2 hp Pump End, 1/2 hp Motor



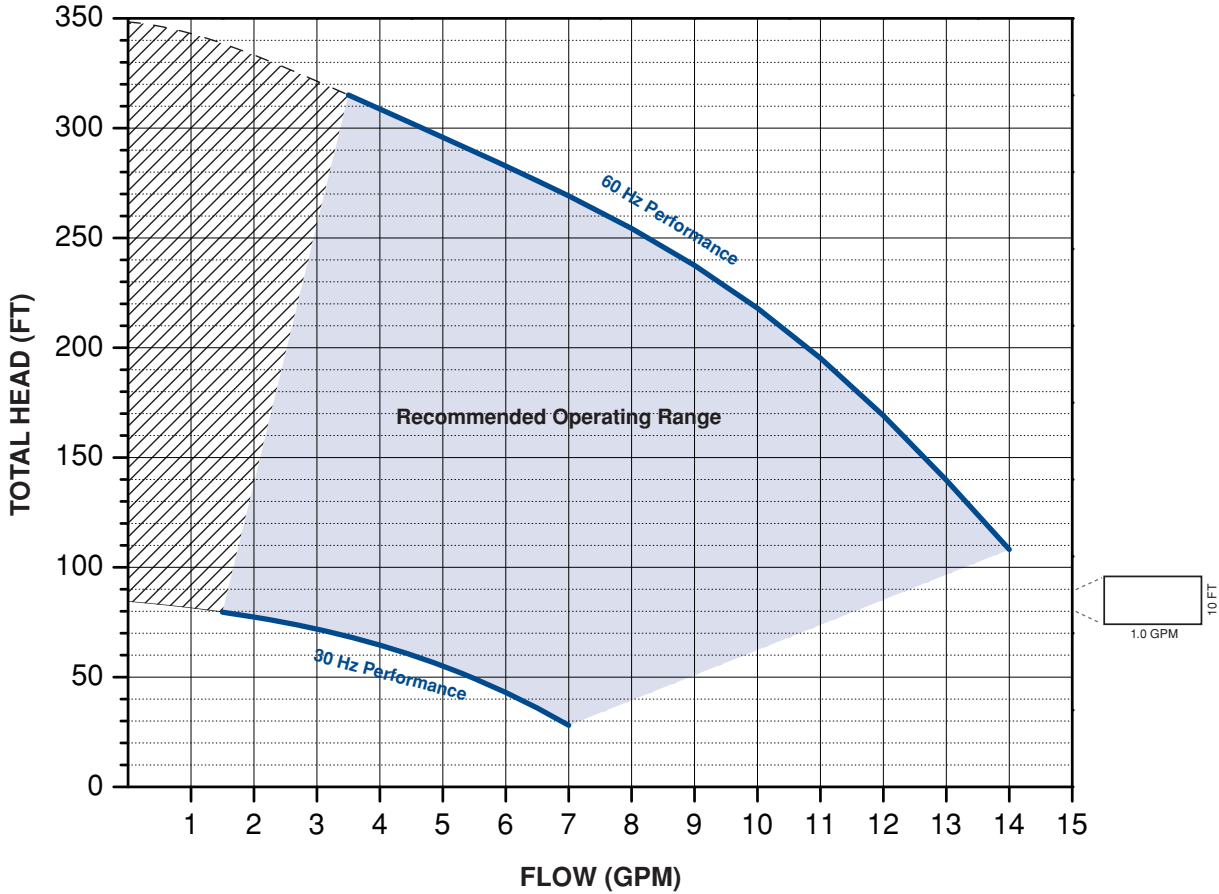
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)										
		20	40	60	80	100	120	140	160	180	200	250
1/2	0					13.1	12.2	10.9	9.4	7.6	5.9	1.0
	10				13.0	12.0	10.7	9.1	7.3	5.6	4.0	
	20		14.0	12.8	11.8	10.5	8.8	7.1	5.4	3.7	1.5	
	30	13.8	12.7	11.6	10.3	8.6	6.8	5.1	3.4	1.1		
	40	12.5	11.5	10.0	8.3	6.5	4.9	3.1	0.6			
	50	11.3	9.8	8.0	6.3	4.6	2.8					
	60	9.5	7.7	6.0	4.4	2.5						
	70	7.5	5.8	4.1	2.1							
	80	5.5	3.8	1.7								
	90	3.6	1.3									
100	0.8											
Shut-off psi		101	93	84	75	67	58	49	41	32	23	2

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# 3-Wire *QuickPAK*

## 10-3WQP-0.75HP

MonoDrive, 10 gpm - 3/4 hp Pump End, 3/4 hp Motor



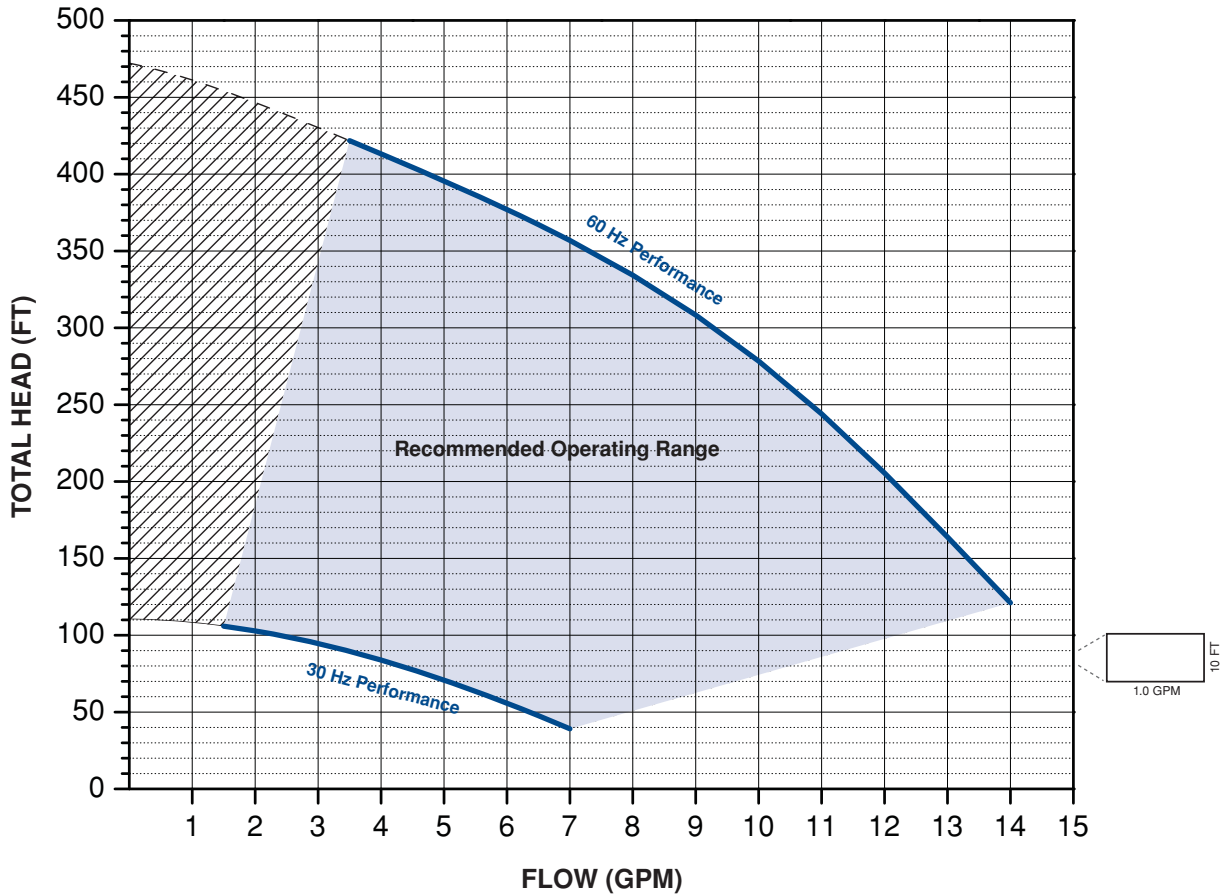
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)											
		20	40	60	80	100	120	140	160	180	200	250	300
3/4	0						13.5	12.9	12.3	11.7	10.9	8.2	4.8
	10					13.4	12.8	12.2	11.6	10.8	9.7	6.7	2.9
	20				13.3	12.7	12.2	11.5	10.6	9.6	8.4	5.1	0.5
	30		14.0	13.2	12.6	12.1	11.4	10.5	9.4	8.2	6.9	3.2	
	40	13.8	13.1	12.5	12.0	11.2	10.3	9.2	8.0	6.7	5.3	1.0	
	50	13.0	12.5	11.9	11.1	10.2	9.0	7.8	6.5	5.1	3.6		
	60	12.4	11.8	11.0	10.0	8.9	7.6	6.3	4.9	3.3	1.4		
	70	11.6	10.8	9.8	8.7	7.4	6.1	4.6	3.0	1.1			
	80	10.7	9.7	8.5	7.2	5.9	4.4	2.8	0.7				
	90	9.5	8.3	7.0	5.6	4.2	2.5	0.3					
	100	8.1	6.8	5.4	3.9	2.2							
	110	6.6	5.2	3.7	1.9								
	120	5.0	3.4	1.6									
	130	3.2	1.2										
	140	0.9											
Shut-off psi		142	133	125	116	108	99	90	82	73	64	43	21

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# Pump Performance

## 10-3WQP-1.0HP

MonoDrive, 10 gpm - 1.0 hp Pump End, 1.0 hp Motor



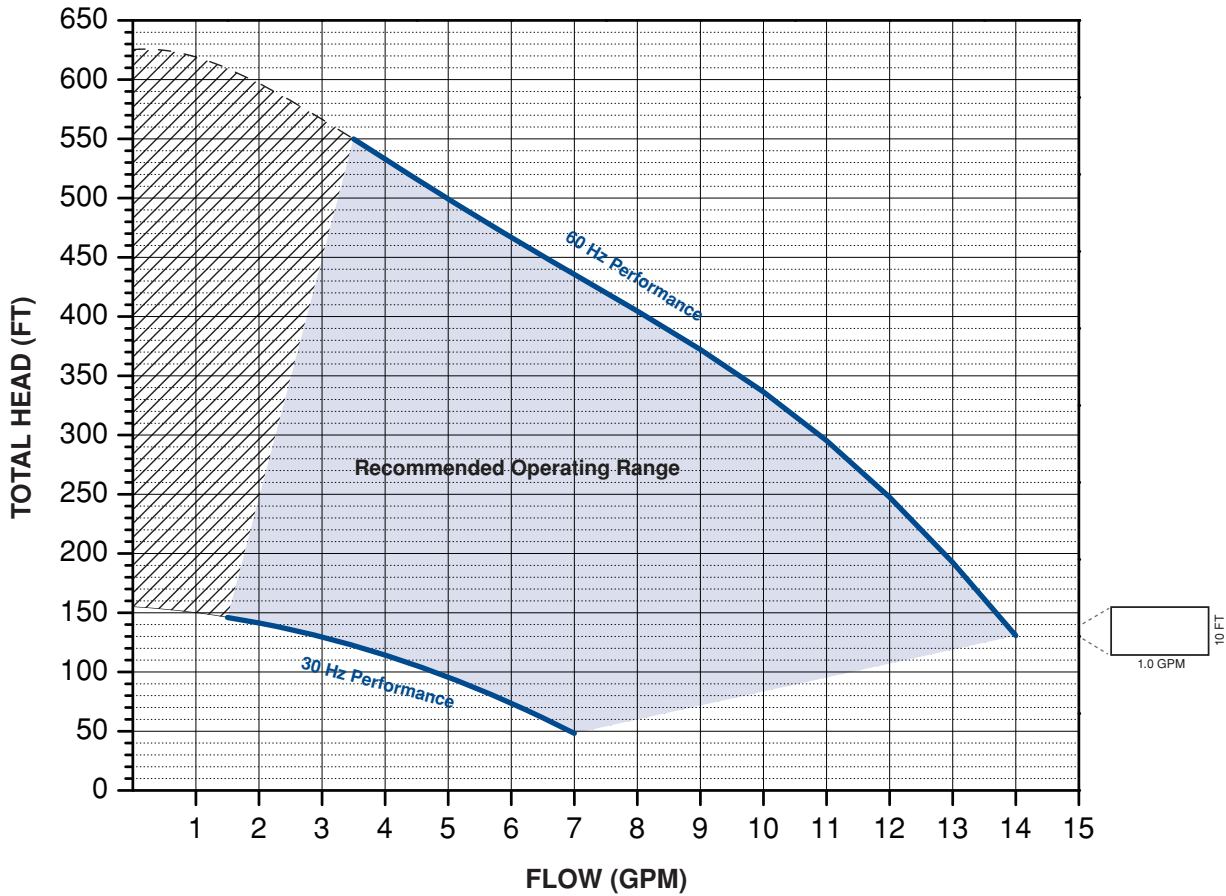
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)														
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450
1	0							13.5	13.0	12.6	12.1	10.9	9.3	7.3	4.8	1.7
	10					14.0	13.4	13.0	12.5	12.1	11.6	10.2	8.4	6.2	3.5	
	20				13.9	13.4	12.9	12.5	12.0	11.5	11.0	9.4	7.4	5.0	2.0	
	30			13.8	13.3	12.8	12.4	11.9	11.4	10.9	10.3	8.5	6.4	3.7	0.3	
	40		13.7	13.2	12.8	12.3	11.9	11.4	10.8	10.2	9.5	7.6	5.2	2.3		
	50	13.6	13.1	12.7	12.3	11.8	11.3	10.7	10.1	9.4	8.7	6.6	3.9	0.6		
	60	13.1	12.6	12.2	11.7	11.2	10.6	10.0	9.3	8.6	7.8	5.4	2.5			
	70	12.6	12.1	11.6	11.1	10.5	9.9	9.2	8.5	7.6	6.7	4.2	0.9			
	80	12.0	11.6	11.0	10.5	9.8	9.1	8.3	7.5	6.6	5.6	2.8				
	90	11.5	10.9	10.4	9.7	9.0	8.2	7.4	6.4	5.4	4.4	1.2				
	100	10.9	10.3	9.6	8.9	8.1	7.2	6.3	5.3	4.2	3.0					
	110	10.2	9.5	8.8	7.9	7.1	6.1	5.1	4.0	2.8	1.5					
	120	9.4	8.6	7.8	6.9	6.0	5.0	3.8	2.6	1.2						
	130	8.5	7.7	6.8	5.8	4.8	3.7	2.4	1.0							
	140	7.6	6.7	5.7	4.6	3.5	2.2	0.8								
	150	6.5	5.5	4.4	3.3	2.0	0.6									
	160	2.7	1.3													
Shut-off psi		196	187	178	170	161	152	144	135	127	118	96	75	53	31	10

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# 3-Wire QuickPAK

## 10-3WQP-1.5HP

MonoDrive, 10 gpm - 1.5 hp Pump End, 1.5 hp Motor



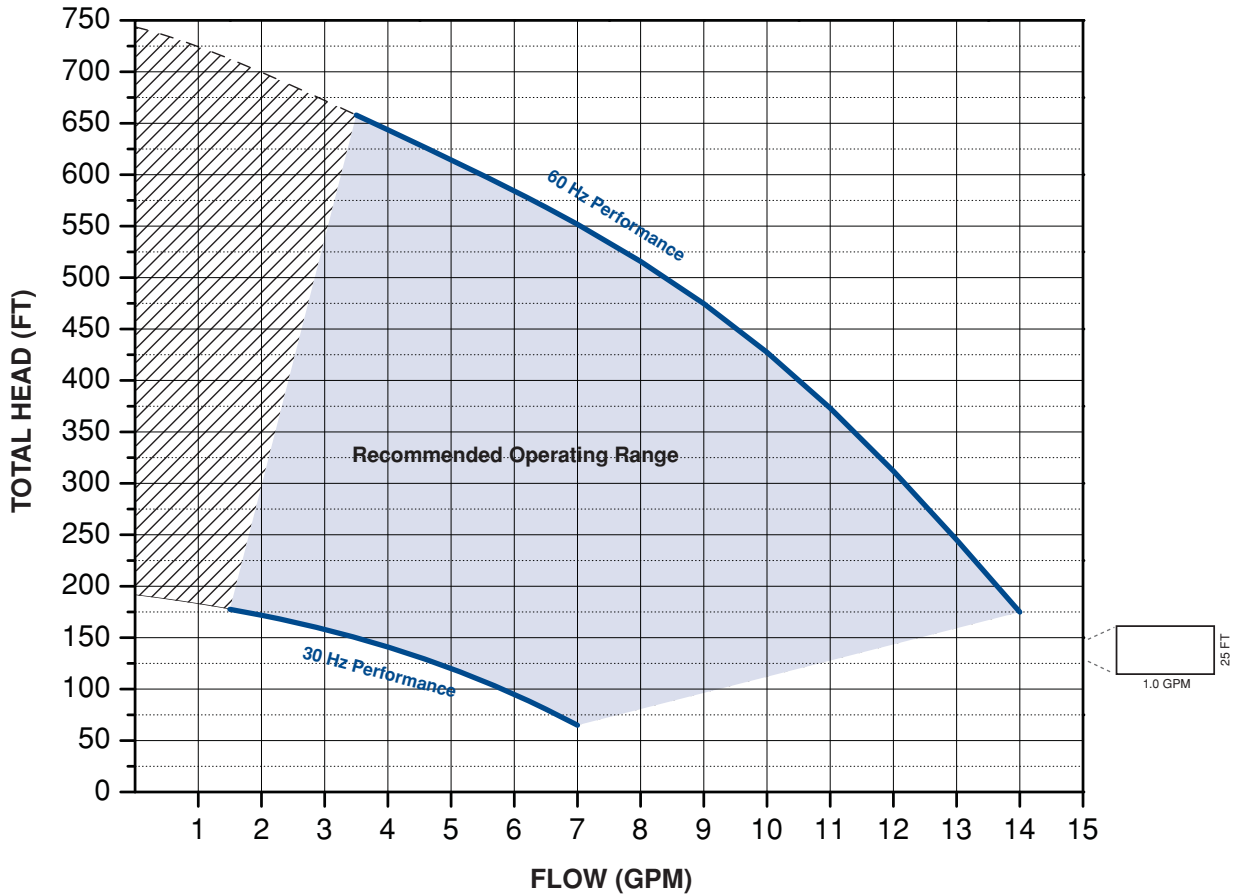
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																	
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550	600
1.5	0							13.8	13.3	13.0	12.7	12.0	11.0	9.6	8.1	6.5	5.0	3.6	1.8
	10						13.7	13.3	13.0	12.7	12.4	11.6	10.4	8.9	7.3	5.8	4.4	2.9	0.6
	20					13.6	13.2	12.9	12.7	12.4	12.1	11.1	9.8	8.2	6.6	5.1	3.7	2.0	
	30				13.6	13.2	12.9	12.6	12.4	12.0	11.7	10.5	9.0	7.4	5.9	4.5	3.0	0.8	
	40		14.0	13.5	13.1	12.8	12.6	12.3	12.0	11.6	11.2	9.9	8.3	6.7	5.2	3.8	2.1		
	50	13.9	13.4	13.1	12.8	12.5	12.3	11.9	11.6	11.1	10.6	9.2	7.6	6.0	4.6	3.1	1.0		
	60	13.4	13.0	12.8	12.5	12.2	11.9	11.5	11.1	10.5	10.0	8.4	6.8	5.3	4.0	2.3			
	70	13.0	12.7	12.5	12.2	11.8	11.4	11.0	10.5	9.9	9.3	7.7	6.1	4.7	3.3	1.2			
	80	12.7	12.4	12.1	11.8	11.4	10.9	10.4	9.8	9.2	8.5	6.9	5.4	4.1	2.5				
	90	12.4	12.1	11.7	11.3	10.8	10.3	9.7	9.1	8.4	7.8	6.2	4.8	3.4	1.4				
	100	12.0	11.7	11.2	10.7	10.2	9.6	9.0	8.3	7.7	7.1	5.6	4.2	2.6					
	110	11.6	11.2	10.7	10.1	9.5	8.9	8.2	7.6	7.0	6.3	4.9	3.5	1.6					
	120	11.1	10.6	10.0	9.4	8.8	8.1	7.5	6.9	6.3	5.7	4.3	2.7						
	130	10.5	9.9	9.3	8.7	8.0	7.4	6.8	6.2	5.6	5.0	3.6	1.8						
	140	9.8	9.2	8.6	7.9	7.3	6.7	6.1	5.5	4.9	4.4	2.9	0.6						
	150	9.1	8.5	7.8	7.2	6.6	6.0	5.4	4.8	4.3	3.7	2.0							
	160	6.9	6.3	5.7	5.1	4.6	4.0	3.4	2.8	2.0	1.0								
Shut-off psi		262	254	245	236	228	219	210	202	193	184	163	141	119	98	76	54	33	11

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# Pump Performance

## 10-3WQP-2.0HP

MonoDrive, 10 gpm - 2.0 hp Pump End, 2.0 hp Motor



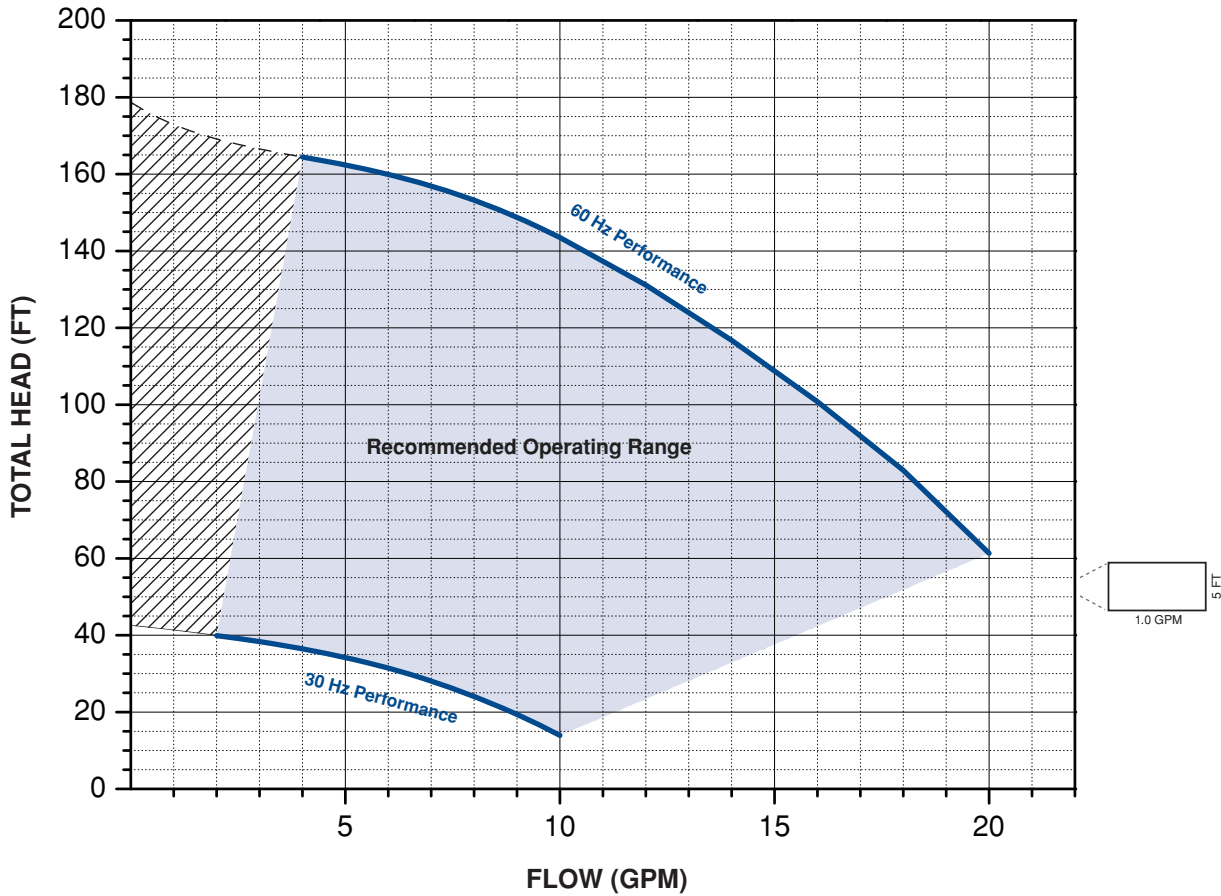
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																			
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550	600	650	700
2	0									13.9	13.6	12.9	12.2	11.4	10.6	9.5	8.3	7.0	5.5	3.8	2.0
	10								13.9	13.5	13.3	12.6	11.9	11.1	10.1	9.0	7.7	6.3	4.8	3.0	1.0
	20							13.8	13.5	13.2	12.9	12.2	11.5	10.6	9.6	8.4	7.1	5.6	4.0	2.1	
	30						13.8	13.5	13.2	12.9	12.6	11.9	11.1	10.2	9.1	7.8	6.4	4.9	3.1	1.2	
	40					13.7	13.4	13.1	12.8	12.6	12.3	11.6	10.7	9.7	8.5	7.2	5.7	4.1	2.3	0.2	
	50			14.0	13.7	13.4	13.1	12.8	12.5	12.3	12.0	11.2	10.3	9.2	7.9	6.6	5.0	3.3	1.3		
	60		14.0	13.6	13.3	13.0	12.8	12.5	12.2	11.9	11.6	10.8	9.8	8.6	7.3	5.9	4.2	2.4	0.3		
	70	13.9	13.6	13.3	13.0	12.7	12.4	12.2	11.9	11.6	11.3	10.3	9.3	8.0	6.7	5.1	3.4	1.5			
	80	13.5	13.2	12.9	12.7	12.4	12.1	11.8	11.5	11.2	10.8	9.9	8.7	7.4	6.0	4.4	2.6	0.5			
	90	13.2	12.9	12.6	12.4	12.1	11.8	11.5	11.1	10.8	10.4	9.4	8.1	6.8	5.3	3.6	1.6				
	100	12.9	12.6	12.3	12.0	11.7	11.4	11.1	10.7	10.4	9.9	8.8	7.5	6.1	4.5	2.7	0.7				
	110	12.6	12.3	12.0	11.7	11.4	11.0	10.7	10.3	9.9	9.4	8.2	6.9	5.4	3.7	1.8					
	120	12.2	11.9	11.6	11.3	11.0	10.6	10.2	9.8	9.4	8.9	7.6	6.2	4.6	2.9	0.8					
	130	11.9	11.6	11.3	10.9	10.6	10.2	9.7	9.3	8.8	8.3	7.0	5.5	3.8	2.0						
	140	11.5	11.2	10.9	10.5	10.1	9.7	9.2	8.8	8.3	7.7	6.3	4.7	3.0	1.0						
	150	11.2	10.8	10.4	10.0	9.6	9.2	8.7	8.2	7.7	7.1	5.6	4.0	2.1							
	160	9.8	9.4	8.9	8.5	7.9	7.4	6.8	6.3	5.6	5.0	3.3	1.3								
Shut-off psi		313	305	296	287	279	270	261	253	244	235	214	192	170	149	127	106	84	62	41	19

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# 3-Wire *QuickPAK*

## 15-3WQP-0.5HP

MonoDrive, 15 gpm - 1/2 hp Pump End, 1/2 hp Motor



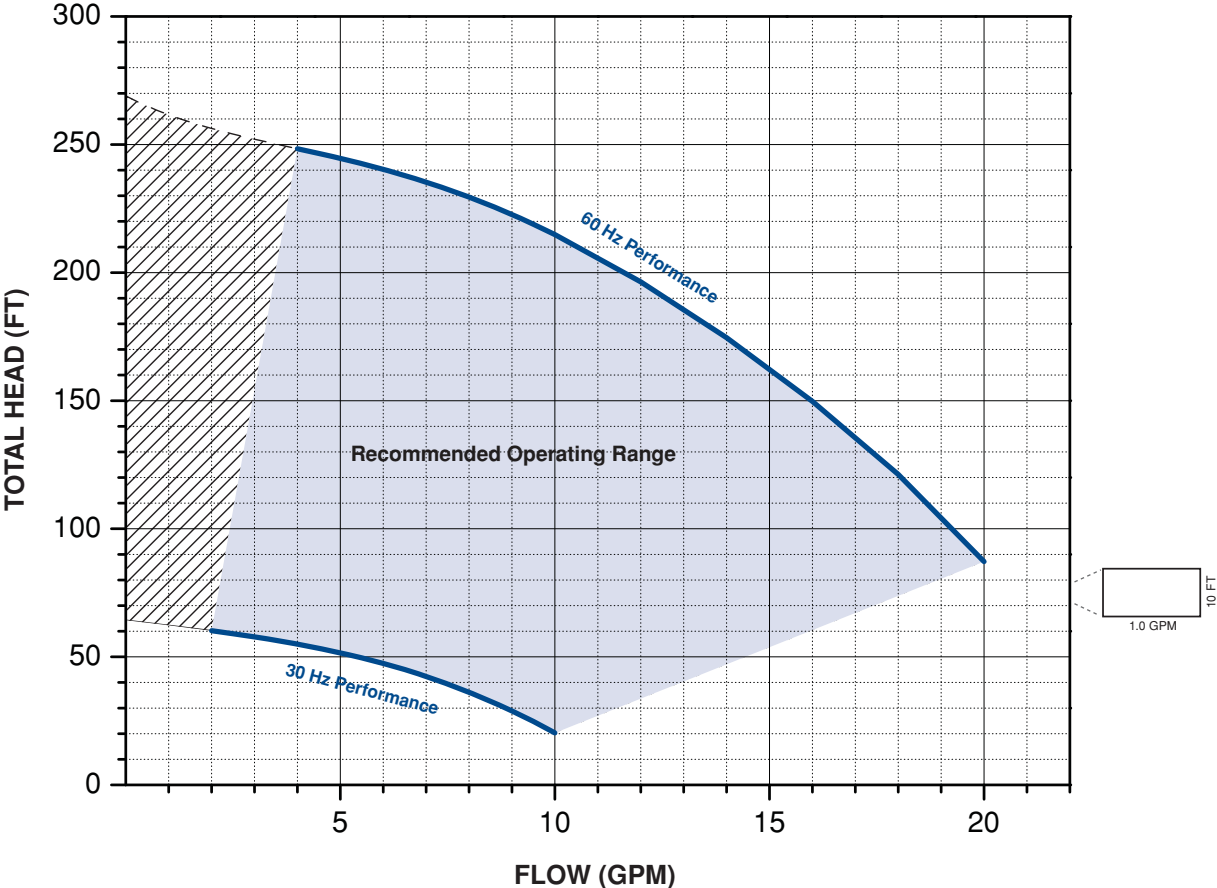
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)								
		20	40	60	80	100	120	140	160	180
1/2	0				18.8	15.6	13.7	11.1	5.5	
	10		20.2	18.3	15.2	13.4	10.5	4.4		
	20	20.3	17.7	14.9	13.1	9.8	3.4			
	30	17.2	14.6	12.8	9.0	2.3				
	40	14.3	12.4	8.0	1.3					
	50	11.9	7.1	0.4						
	60	6.0								
Shut-off psi		69	60	51	43	34	25	17	8	

**NOTE:** Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# Pump Performance

## 15-3WQP-0.75HP

MonoDrive, 15 gpm - 3/4 hp Pump End, 3/4 hp Motor



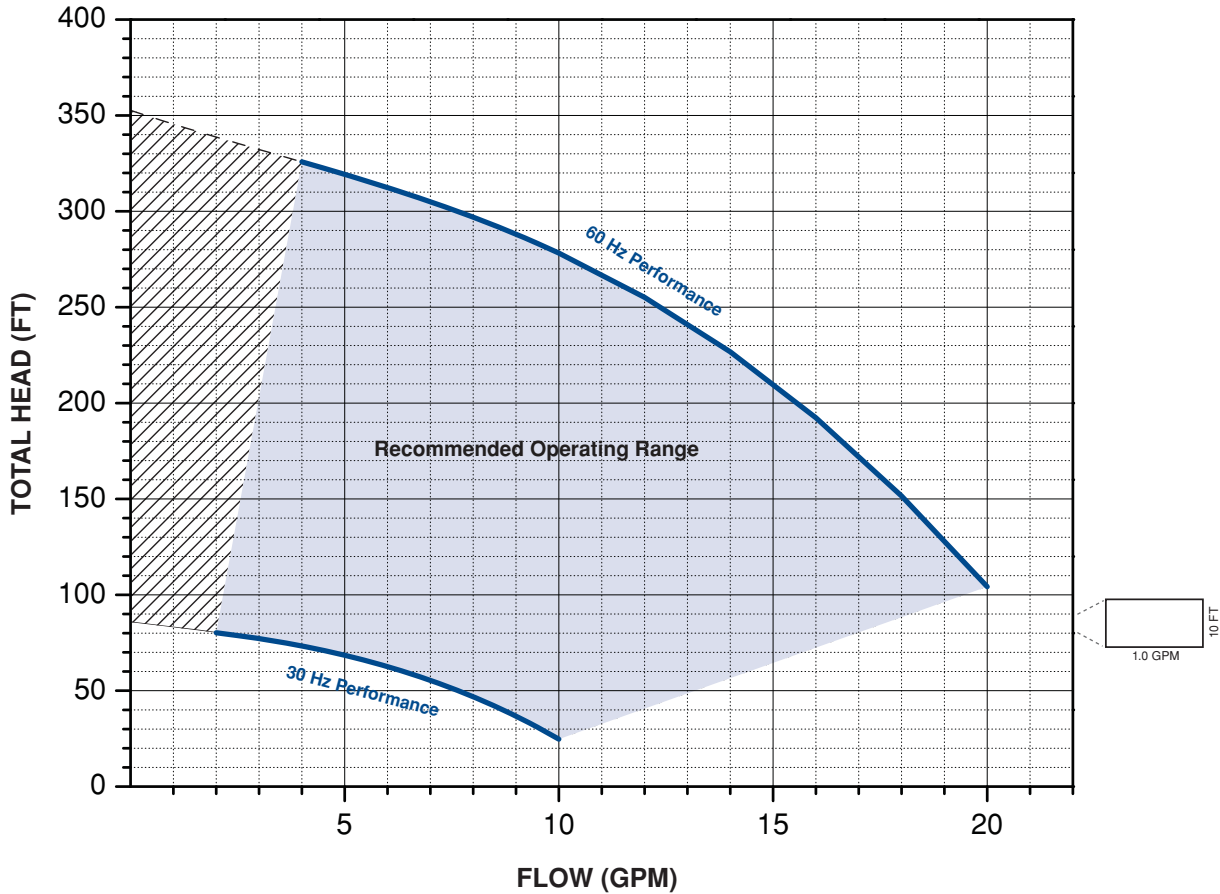
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)										
		20	40	60	80	100	120	140	160	180	200	250
3/4	0					20.0	18.3	16.4	14.9	13.6	12.0	3.6
	10				19.8	18.0	16.1	14.7	13.4	11.7	9.0	
	20			19.6	17.7	15.9	14.5	13.2	11.4	8.5	4.4	
	30	20.1	19.3	17.4	15.7	14.3	13.0	11.0	7.9	3.8		
	40	19.1	17.1	15.4	14.1	12.7	10.6	7.3	3.1			
	50	16.8	15.2	13.9	12.5	10.2	6.7	2.4				
	60	15.0	13.7	12.2	9.7	6.1	1.7					
	70	13.5	11.9	9.2	5.4	1.1						
	80	11.5	8.7	4.8	0.5							
	90	8.2	4.1									
100	3.4											
Shut-off psi		108	99	90	82	73	65	56	47	39	30	8

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# 3-Wire *QuickPAK*

## 15-3WQP-1.0HP

MonoDrive, 15 gpm - 1.0 hp Pump End, 1.0 hp Motor



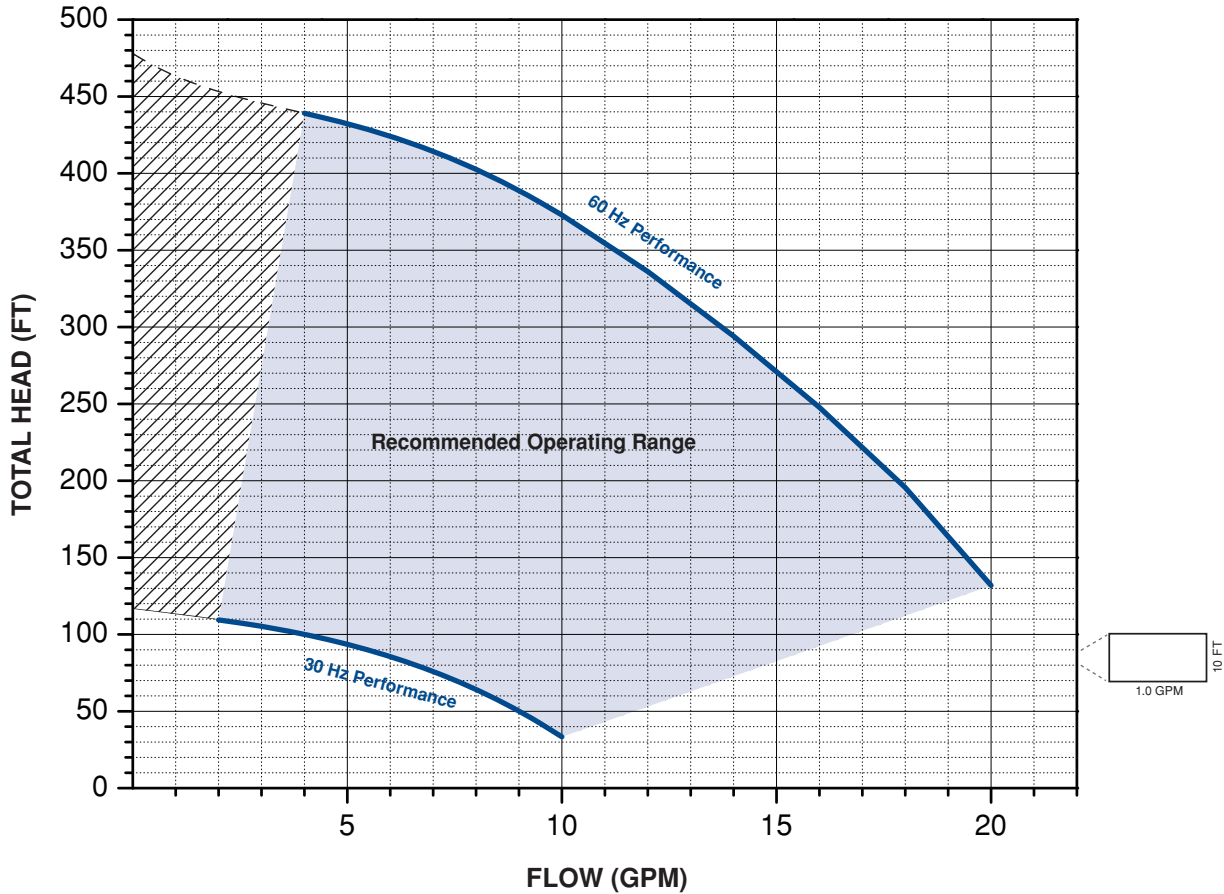
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)											
		20	40	60	80	100	120	140	160	180	200	250	300
1	0						19.6	18.7	17.6	16.5	15.5	12.5	7.6
	10					19.5	18.5	17.4	16.4	15.3	14.2	10.6	4.4
	20			20.0	19.3	18.4	17.3	16.2	15.2	14.1	12.8	8.1	0.9
	30		19.9	19.2	18.2	17.1	16.0	15.0	13.9	12.6	10.9	5.0	
	40	19.8	19.1	18.0	16.9	15.9	14.8	13.7	12.3	10.6	8.5	1.5	
	50	18.9	17.8	16.8	15.7	14.7	13.5	12.1	10.3	8.1	5.5		
	60	17.7	16.6	15.6	14.5	13.3	11.8	10.0	7.8	5.1	2.1		
	70	16.4	15.4	14.3	13.1	11.6	9.7	7.4	4.6	1.6			
	80	15.2	14.1	12.9	11.3	9.4	7.0	4.2	1.1				
	90	14.0	12.7	11.0	9.0	6.6	3.7	0.7					
	100	12.4	10.8	8.7	6.1	3.2	0.2						
	110	10.5	8.3	5.7	2.8								
	120	7.9	5.3	2.3									
	130	4.8	1.8										
	140	1.3											
Shut-off psi		144	135	127	118	109	101	92	83	75	66	44	23

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# Pump Performance

## 15-3WQP-1.5HP

MonoDrive, 15 gpm - 1.5 hp Pump End, 1.5 hp Motor



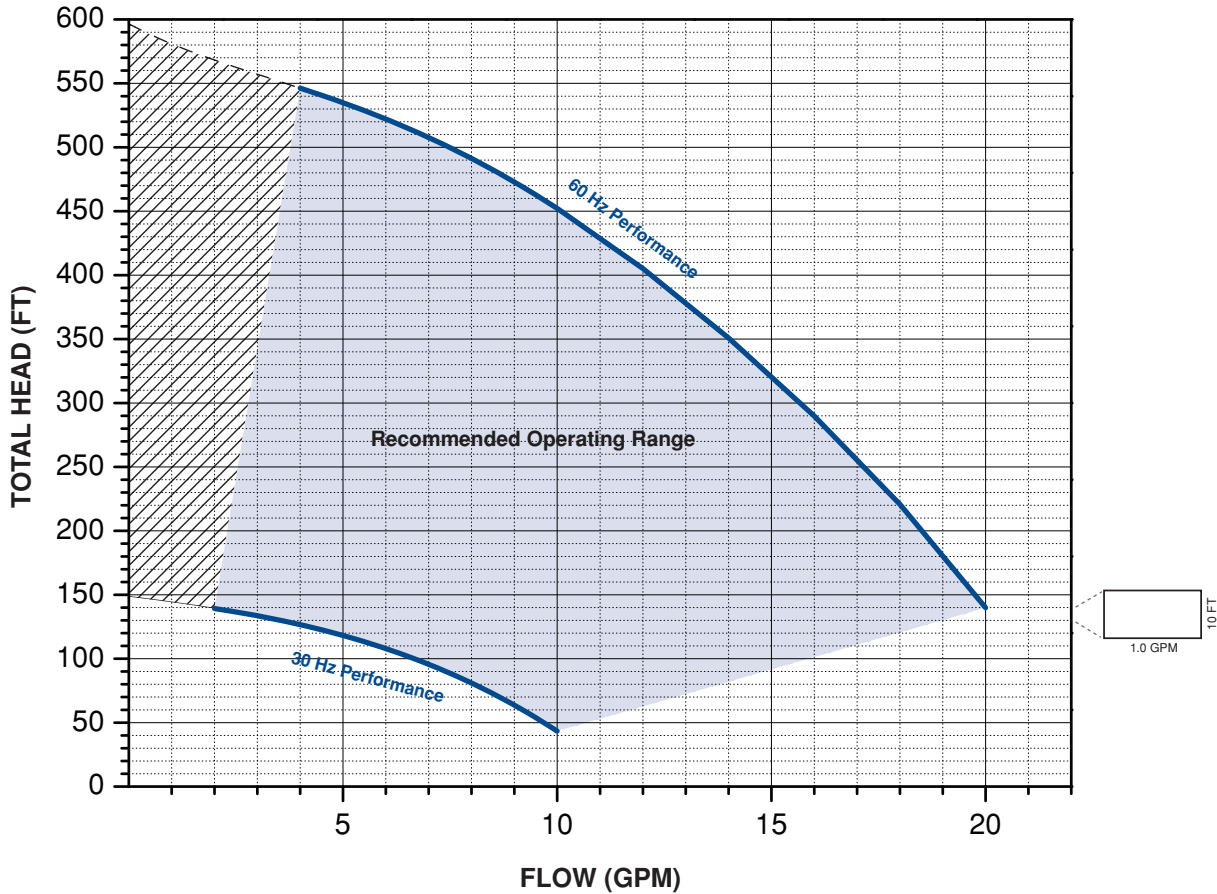
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)														
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450
1.5	0							20.1	19.9	19.1	18.0	15.5	13.7	11.7	8.1	2.7
	10						20.1	19.8	18.9	17.8	16.8	14.6	12.9	10.3	5.8	0.1
	20					20.1	19.7	18.8	17.7	16.6	15.7	13.8	11.9	8.5	3.1	
	30				20.1	19.6	18.6	17.5	16.5	15.5	14.7	13.1	10.6	6.2	0.5	
	40		20.0	20.1	19.4	18.4	17.3	16.3	15.4	14.6	14.0	12.1	8.8	3.5		
	50	20.1	20.0	19.3	18.3	17.2	16.1	15.3	14.5	13.9	13.2	10.8	6.6	0.9		
	60	19.9	19.1	18.1	17.0	16.0	15.1	14.4	13.8	13.1	12.3	9.1	4.0			
	70	19.0	17.9	16.8	15.9	15.0	14.3	13.7	13.0	12.1	11.1	7.0	1.3			
	80	17.8	16.7	15.7	14.9	14.2	13.6	12.9	12.0	10.9	9.4	4.4				
	90	16.5	15.6	14.8	14.1	13.5	12.7	11.8	10.7	9.2	7.4	1.8				
	100	15.5	14.7	14.0	13.4	12.6	11.7	10.5	8.9	7.0	4.9					
	110	14.6	13.9	13.2	12.5	11.5	10.3	8.7	6.7	4.5	2.2					
	120	13.8	13.1	12.3	11.3	10.0	8.4	6.4	4.2	1.8						
	130	13.0	12.2	11.2	9.8	8.1	6.1	3.8	1.5							
	140	12.1	11.0	9.6	7.8	5.7	3.4	1.1								
	150	10.8	9.3	7.5	5.4	3.1	0.8									
	160	4.3	2.0													
Shut-off psi		198	190	181	172	164	155	146	138	129	120	99	77	55	34	12

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# 3-Wire *QuickPAK*

## 15-3WQP-2.0HP

MonoDrive, 15 gpm - 2.0 hp Pump End, 2.0 hp Motor

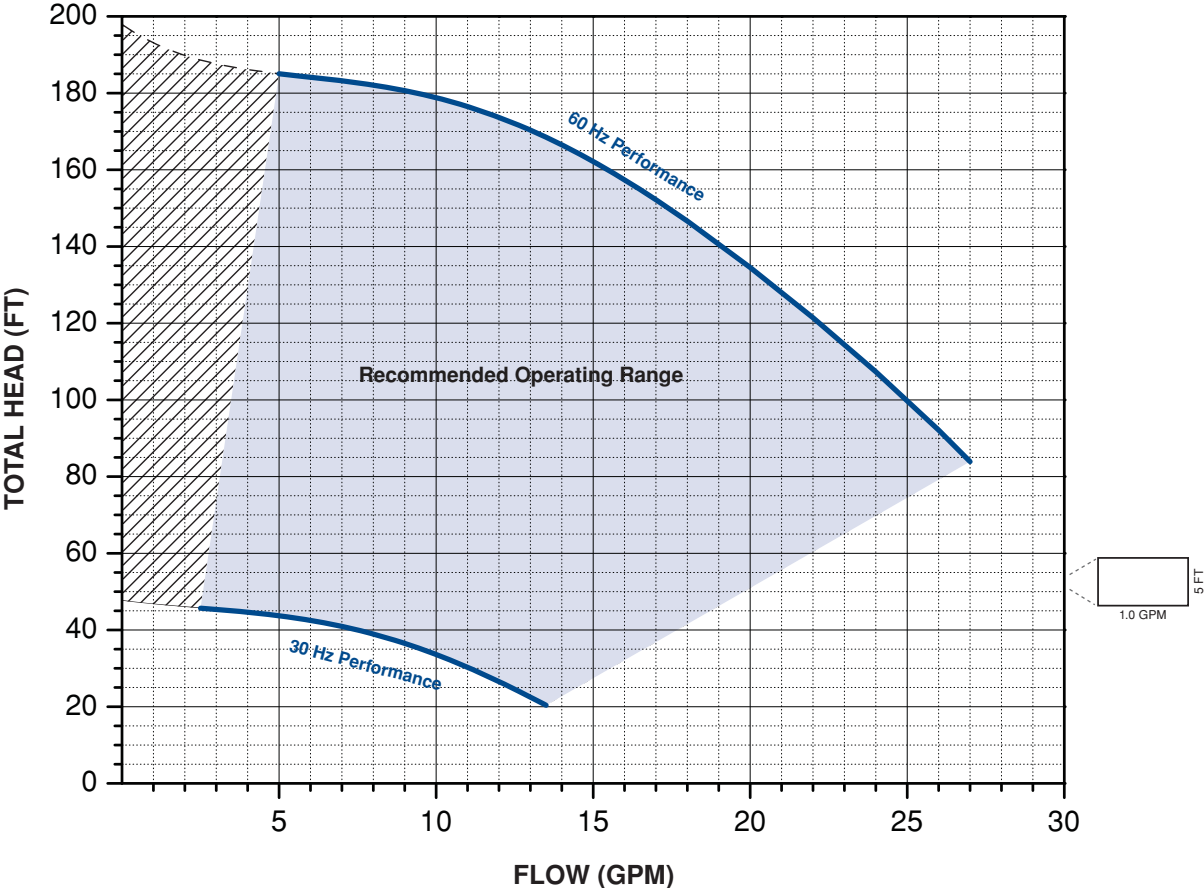


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550
2	0							20.0	19.8	19.4	18.8	17.1	15.5	14.0	12.4	10.3	7.4	3.7
	10						20.0	19.8	19.3	18.7	18.1	16.3	14.8	13.3	11.5	9.1	5.8	1.7
	20					20.0	19.7	19.2	18.6	18.0	17.3	15.6	14.1	12.5	10.5	7.6	4.0	
	30				19.9	19.6	19.1	18.5	17.8	17.1	16.5	14.9	13.4	11.6	9.3	6.0	2.1	
	40			19.9	19.6	19.1	18.4	17.7	17.0	16.4	15.7	14.2	12.6	10.6	7.9	4.3	0.1	
	50		19.9	19.5	19.0	18.3	17.6	16.9	16.3	15.6	15.0	13.5	11.8	9.5	6.3	2.4		
	60	19.8	19.4	18.9	18.2	17.5	16.8	16.2	15.5	14.9	14.3	12.8	10.8	8.1	4.6	0.4		
	70	19.4	18.8	18.1	17.4	16.7	16.1	15.4	14.8	14.2	13.6	11.9	9.7	6.6	2.7			
	80	18.7	18.0	17.3	16.6	16.0	15.3	14.7	14.1	13.5	12.9	11.0	8.4	4.9	0.8			
	90	17.9	17.2	16.5	15.9	15.2	14.6	14.0	13.4	12.8	12.1	9.9	6.9	3.0				
	100	17.1	16.4	15.8	15.1	14.5	13.9	13.3	12.7	12.0	11.2	8.6	5.2	1.1				
	110	16.3	15.7	15.0	14.4	13.8	13.2	12.6	11.8	11.0	10.1	7.1	3.3					
	120	15.6	15.0	14.4	13.8	13.1	12.5	11.7	10.9	9.9	8.8	5.5	1.4					
	130	14.9	14.3	13.7	13.0	12.4	11.6	10.7	9.8	8.6	7.4	3.6						
	140	14.2	13.6	12.9	12.2	11.5	10.6	9.6	8.5	7.2	5.7	1.7						
	150	13.5	12.8	12.1	11.3	10.5	9.4	8.3	7.0	5.5	3.9							
	160	10.9	10.0	8.9	7.7	6.3	4.8	3.2	1.5									
Shut-off psi		250	241	232	224	215	206	198	189	180	172	150	128	107	85	63	42	20

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# Pump Performance

## 20-3WQP-0.75HP MonoDrive, 20 gpm - 3/4 hp Pump End, 3/4 hp Motor



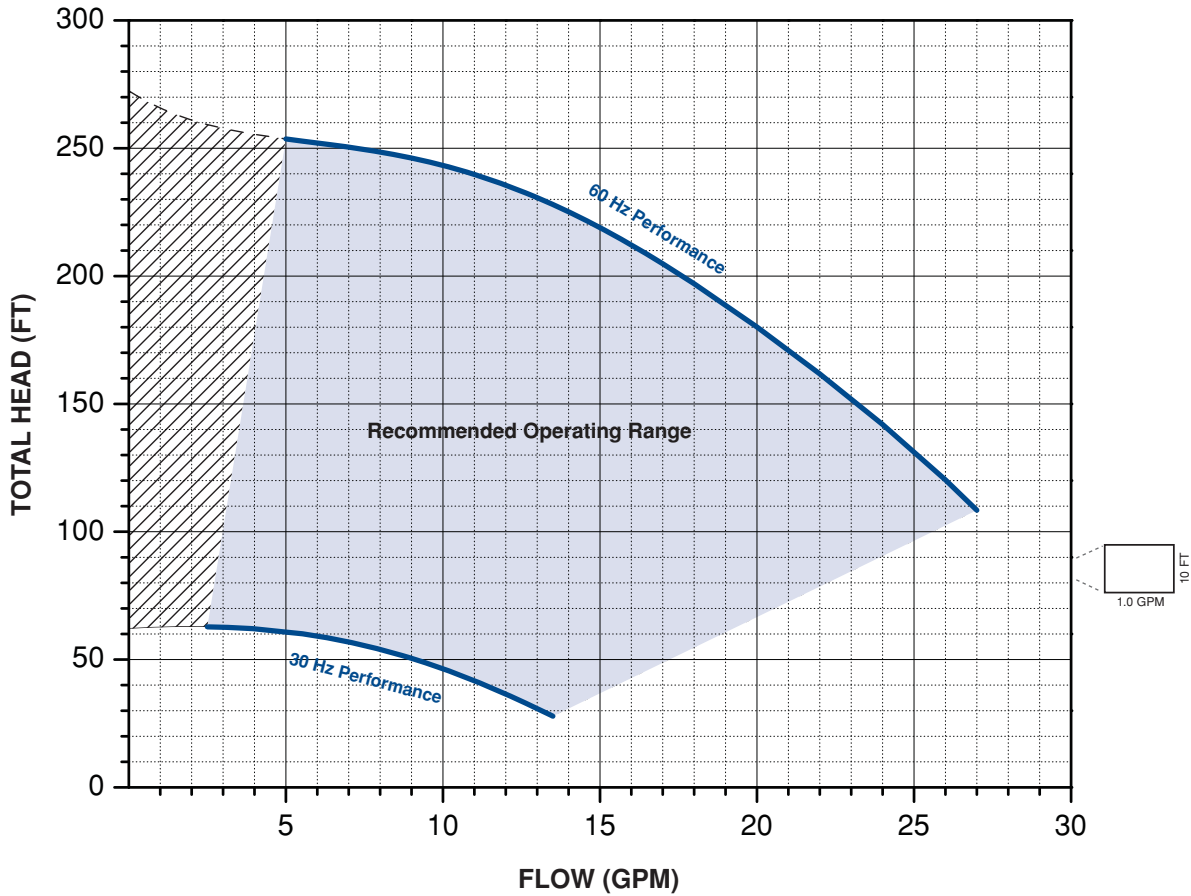
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)								
		20	40	60	80	100	120	140	160	180
3/4	0					25.1	22.3	18.4	14.0	8.3
	10				24.7	21.7	17.8	13.3	7.1	
	20		26.7	24.3	21.2	17.1	12.5	5.8		
	30	26.3	23.9	20.6	16.4	11.7	4.3			
	40	23.5	20.0	15.8	10.8	2.6				
	50	19.4	15.1	9.8	0.7					
	60	14.3	8.8							
	70	7.7								
Shut-off psi		77	68	60	51	42	34	25	16	8

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# 3-Wire *QuickPAK*

## 20-3WQP-1.0HP

MonoDrive, 20 gpm - 1.0 hp Pump End, 1.0 hp Motor



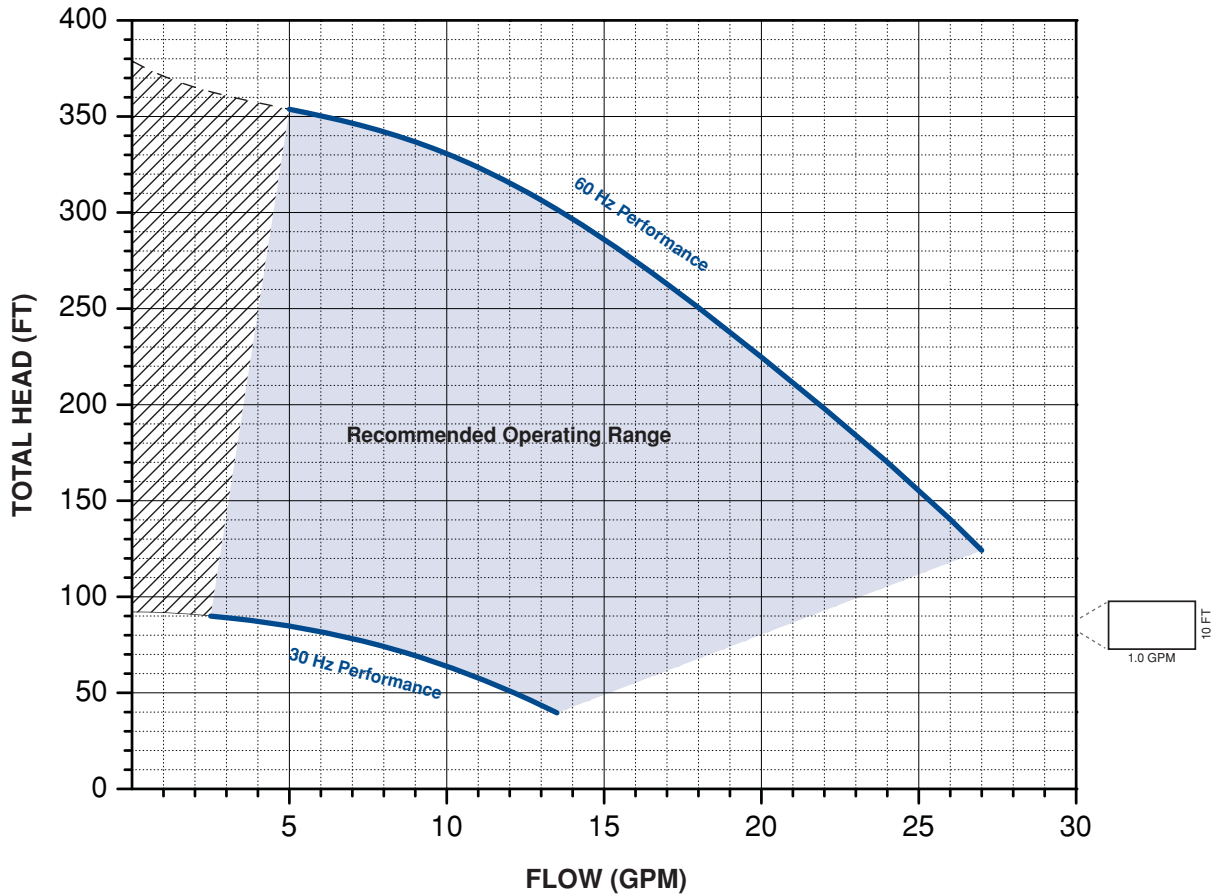
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)										
		20	40	60	80	100	120	140	160	180	200	250
1	0						26.0	24.4	22.3	19.6	16.5	7.3
	10					25.7	24.1	21.9	19.1	16.0	12.7	
	20				25.5	23.8	21.5	18.7	15.5	12.2	8.2	
	30		26.9	25.2	23.5	21.1	18.2	15.0	11.6	7.4	0.7	
	40	26.6	25.0	23.2	20.7	17.7	14.5	11.1	6.6			
	50	24.8	22.8	20.2	17.2	14.0	10.5	5.7				
	60	22.5	19.8	16.7	13.5	9.9	4.8					
	70	19.3	16.2	13.0	9.2	3.7						
	80	15.7	12.4	8.5	2.6							
	90	11.9	7.8	1.3								
	100	7.0										
	Shut-off psi	109	101	92	83	75	66	57	49	40	31	10

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# Pump Performance

## 20-3WQP-1.5HP

MonoDrive, 20 gpm - 1.5 hp Pump End, 1.5 hp Motor



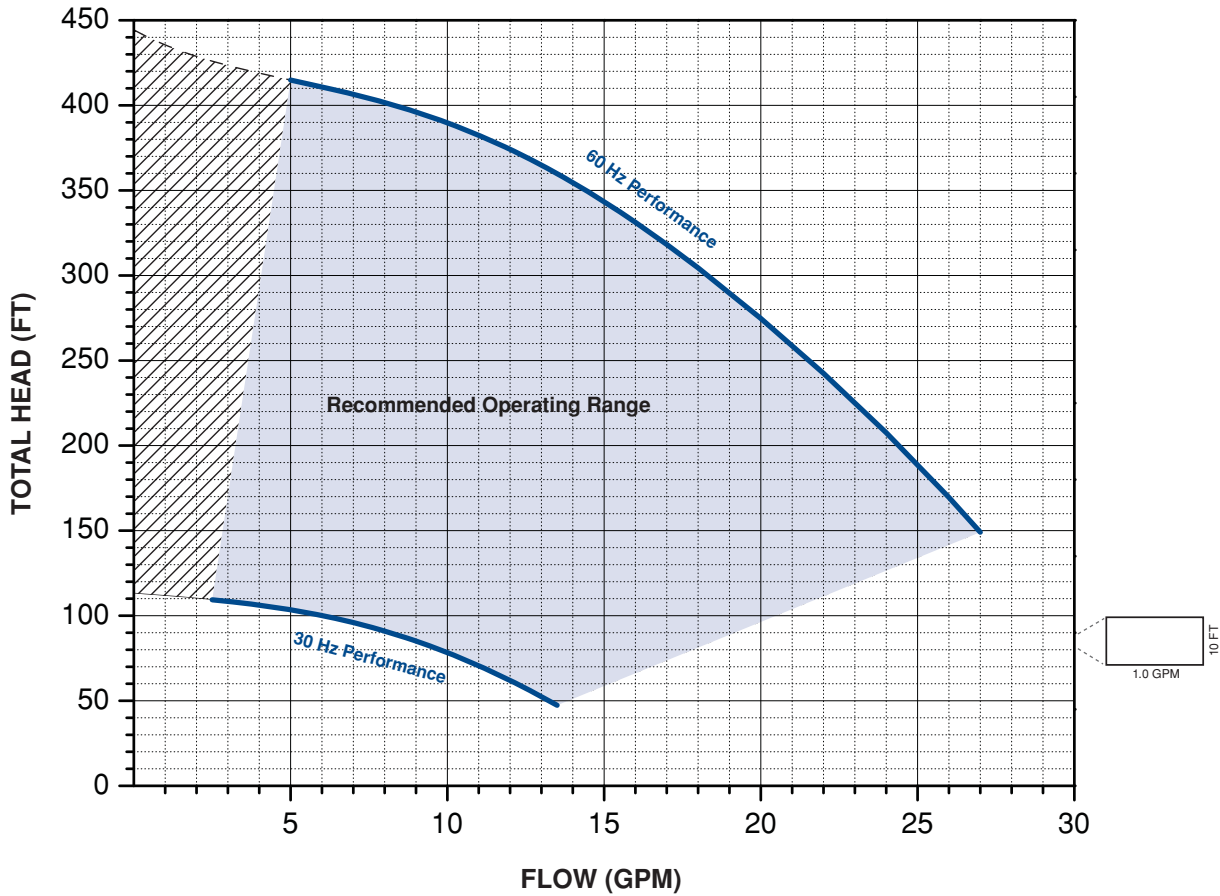
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)												
		20	40	60	80	100	120	140	160	180	200	250	300	350
1.5	0							25.8	24.7	23.6	22.1	17.0	11.9	6.8
	10						25.6	24.5	23.4	21.9	19.9	14.5	9.9	1.5
	20				26.9	25.4	24.4	23.2	21.6	19.6	17.4	12.3	7.4	
	30			26.6	25.2	24.2	23.0	21.3	19.3	17.0	14.8	10.3	2.6	
	40		26.3	25.1	24.0	22.7	21.0	18.9	16.7	14.5	12.6	7.9		
	50	26.1	24.9	23.9	22.5	20.7	18.6	16.3	14.2	12.3	10.6	3.6		
	60	24.7	23.7	22.3	20.4	18.2	16.0	13.9	12.1	10.3	8.4			
	70	23.5	22.0	20.1	17.9	15.7	13.6	11.8	10.1	8.0	4.6			
	80	21.7	19.8	17.5	15.3	13.3	11.5	9.8	7.6	3.8				
	90	19.4	17.2	15.0	13.0	11.3	9.5	7.1	3.0					
	100	16.8	14.7	12.7	11.0	9.2	6.6	2.1						
	110	14.4	12.4	10.7	8.9	6.1	1.2							
	120	12.2	10.5	8.5	5.5	0.1								
	130	10.2	8.2	4.9										
	140	7.8	4.2											
150	3.4													
Shut-off psi		155	147	138	129	121	112	103	95	86	77	56	34	13

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# 3-Wire *QuickPAK*

## 20-3WQP-2.0HP

MonoDrive, 20 gpm - 2.0 hp Pump End, 2.0 hp Motor



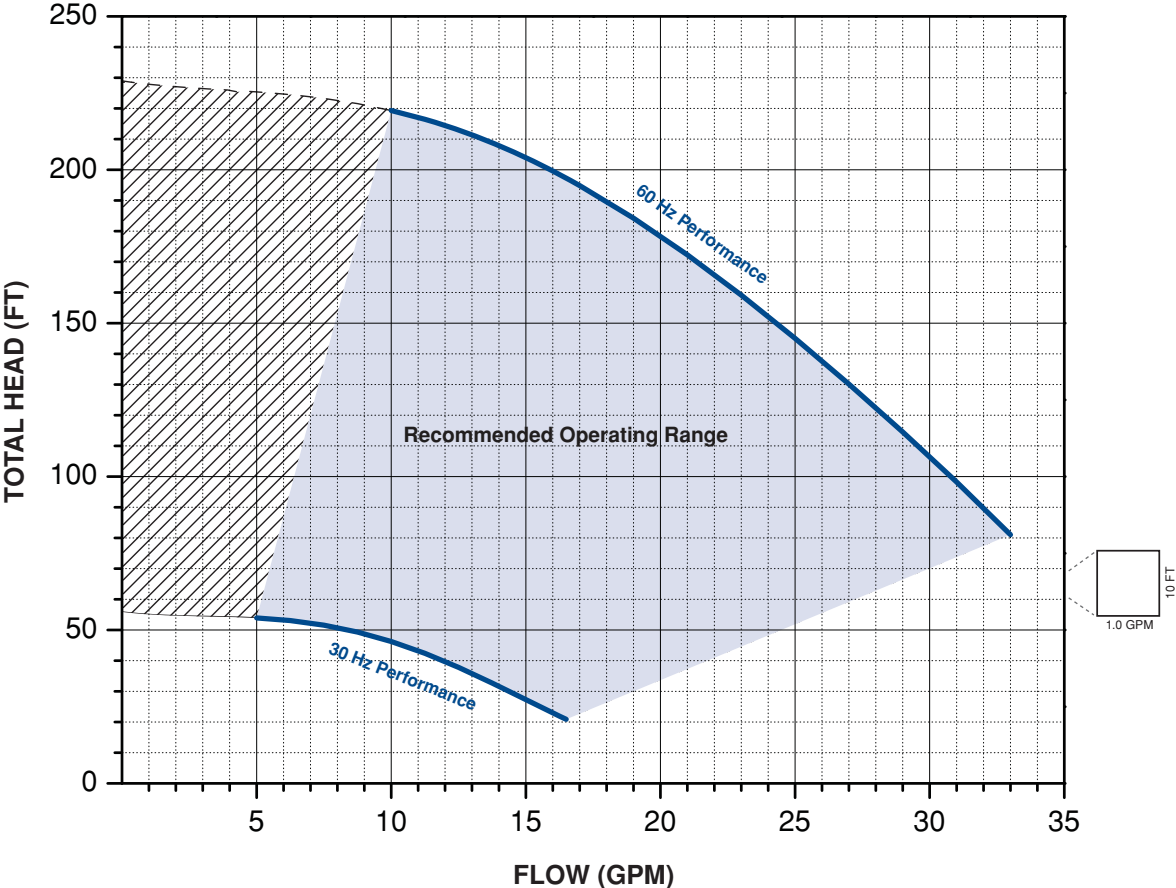
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)													
		20	40	60	80	100	120	140	160	180	200	250	300	350	400
2	0								26.2	25.2	24.5	21.8	17.3	12.6	8.1
	10							26.0	25.1	24.4	23.5	19.9	15.0	10.7	4.8
	20						25.8	25.0	24.3	23.3	22.1	17.7	13.0	8.6	
	30				27.1	25.7	24.9	24.1	23.2	21.9	20.2	15.4	11.0	5.5	
	40			26.8	25.5	24.7	24.0	23.0	21.6	19.9	18.0	13.3	9.0	0.2	
	50		26.6	25.4	24.6	23.9	22.8	21.4	19.7	17.7	15.8	11.3	6.1		
	60	26.3	25.3	24.5	23.7	22.6	21.1	19.4	17.4	15.5	13.6	9.3	1.3		
	70	25.1	24.4	23.6	22.4	20.9	19.1	17.1	15.2	13.4	11.7	6.7			
	80	24.3	23.4	22.2	20.6	18.8	16.8	14.9	13.1	11.4	9.7	2.3			
	90	23.3	22.0	20.3	18.5	16.5	14.6	12.8	11.1	9.4	7.2				
	100	21.7	20.1	18.2	16.2	14.3	12.6	10.9	9.1	6.8	3.2				
	110	19.8	17.9	15.9	14.0	12.3	10.6	8.8	6.3	2.4					
	120	17.6	15.6	13.8	12.0	10.4	8.5	5.8	1.7						
	130	15.3	13.5	11.8	10.1	8.1	5.3	0.8							
	140	13.2	11.5	9.8	7.8	4.7									
	150	11.3	9.5	7.4	4.1										
160	2.0														
Shut-off psi		184	175	166	158	149	140	132	123	114	106	84	63	41	19

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# Pump Performance

## 25-3WQP-1.0HP

MonoDrive, 25 gpm - 1.0 hp Pump End, 1.0 hp Motor



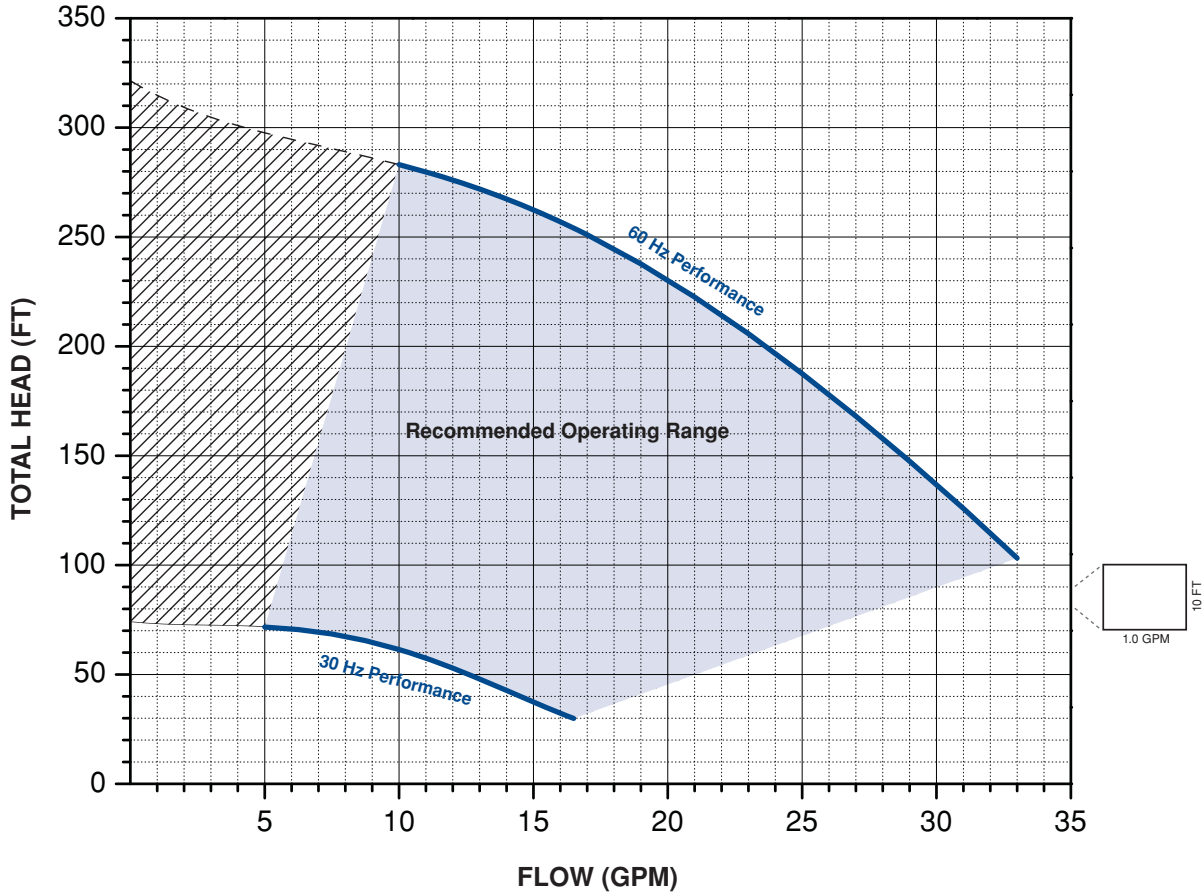
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)									
		20	40	60	80	100	120	140	160	180	200
1	0					30.1	28.9	26.1	22.2	19.1	16.5
	10			32.6	29.9	28.6	25.5	21.6	18.7	15.9	6.4
	20		31.8	29.8	28.3	24.9	21.1	18.4	15.2	3.5	
	30	31.2	29.6	27.9	24.3	20.6	18.0	14.3			
	40	29.5	27.4	23.7	20.1	17.7	13.1				
	50	26.9	23.1	19.7	17.3	11.6					
	60	22.5	19.3	16.8	9.8						
	70	18.9	16.2	7.6							
	80	15.6	4.9								
	90	1.6									
Shut-off psi		90	82	73	65	56	47	39	30	21	13

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# 3-Wire *QuickPAK*

## 25-3WQP-1.5HP

MonoDrive, 25 gpm - 1.5 hp Pump End, 1.5 hp Motor



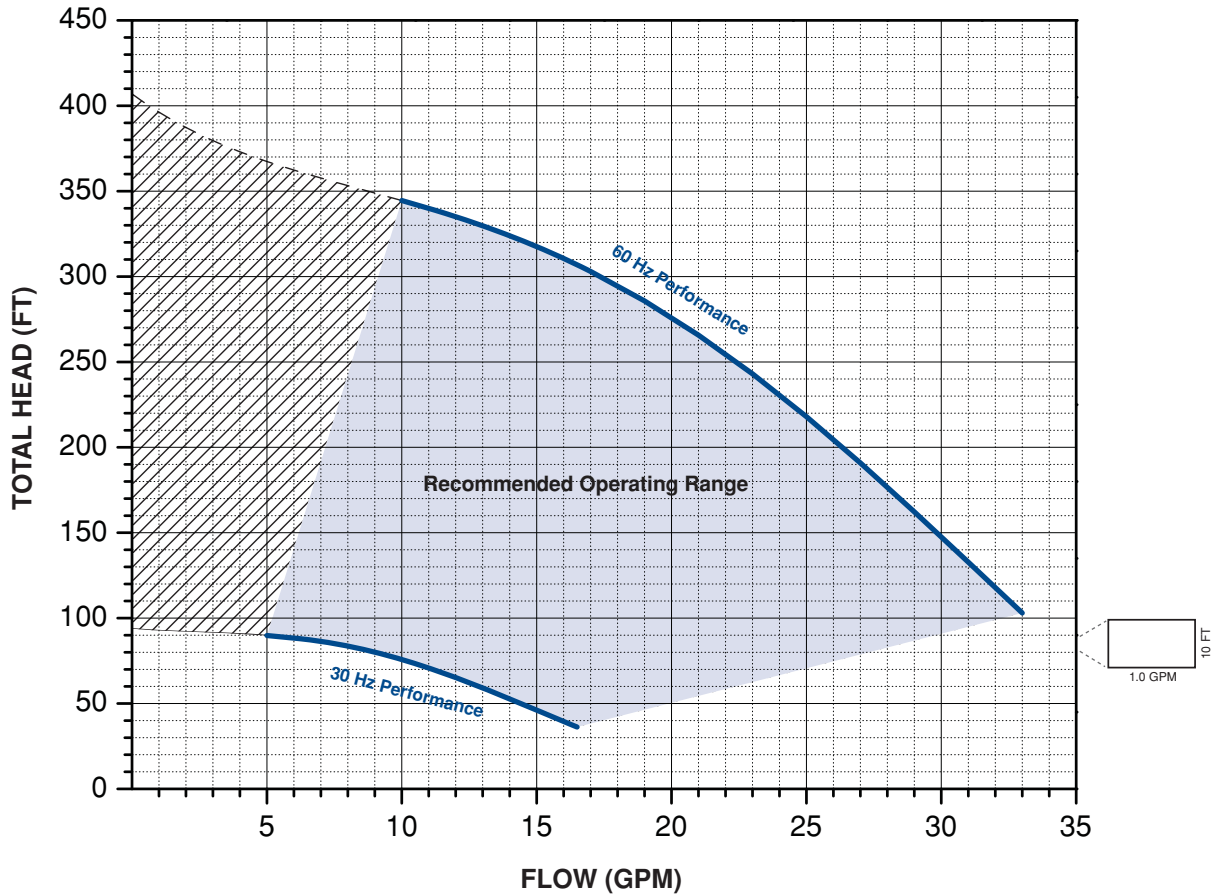
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)											
		20	40	60	80	100	120	140	160	180	200	250	300
1.5	0						32.2	29.9	27.4	25.3	23.6	17.5	4.6
	10					31.9	29.5	27.0	25.1	23.4	21.4	12.2	
	20			32.8	31.5	29.1	26.7	24.8	23.1	21.1	18.2	5.7	
	30		32.8	31.2	28.7	26.4	24.5	22.8	20.7	17.6	13.2		
	40	32.7	30.8	28.3	26.1	24.3	22.5	20.3	17.0	12.4	6.8		
	50	30.4	27.9	25.8	24.0	22.2	19.9	16.4	11.5	5.9	0.7		
	60	27.6	25.5	23.7	21.9	19.4	15.7	10.7	5.0	0.1			
	70	25.2	23.5	21.6	18.9	15.0	9.8	4.1					
	80	23.2	21.3	18.4	14.3	9.0	3.3						
	90	20.9	17.9	13.5	8.1	2.5							
	100	17.3	12.7	7.2	1.7								
	110	11.9	6.3	1.0									
120	5.4	0.4											
Shut-off psi		130	122	113	105	96	87	79	70	61	53	31	9

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

# Pump Performance

## 25-3WQP-2.0HP

MonoDrive, 25 gpm - 2.0 hp Pump End, 2.0 hp Motor



HP	PSI	Depth to Pumping Water Level, or Lift (in feet)													
		20	40	60	80	100	120	140	160	180	200	250	300	350	400
2	0						32.3	30.8	29.1	27.4	26.0	22.7	17.5	8.7	0.5
	10				32.8	32.1	30.6	28.8	27.2	25.8	24.5	20.7	13.8	4.2	
	20			32.8	31.9	30.3	28.6	27.0	25.6	24.3	23.0	18.0	9.4	0.8	
	30		32.8	31.7	30.0	28.3	26.7	25.4	24.1	22.7	21.1	14.5	4.9		
	40	32.7	31.4	29.8	28.0	26.5	25.2	23.9	22.5	20.8	18.5	10.2	1.2		
	50	31.2	29.5	27.8	26.3	25.0	23.7	22.3	20.5	18.1	15.1	5.6			
	60	29.2	27.5	26.1	24.8	23.5	22.0	20.2	17.7	14.6	10.9	1.7			
	70	27.3	25.9	24.6	23.3	21.8	19.8	17.3	14.1	10.3	6.4				
	80	25.7	24.4	23.1	21.5	19.5	16.8	13.5	9.7	5.8	2.3				
	90	24.2	22.8	21.2	19.1	16.4	13.0	9.1	5.2	1.8					
	100	22.6	20.9	18.7	15.9	12.4	8.5	4.6	1.4						
	110	20.6	18.3	15.4	11.8	7.9	4.0	1.1							
	120	17.9	14.9	11.2	7.3	3.5	0.7								
	130	14.3	10.6	6.6	3.0	0.5									
	140	10.0	6.0	2.5	0.3										
150	5.4	2.0	0.1												
Shut-off psi		167	159	150	142	133	124	116	107	98	90	68	46	25	3

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.







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