



# 65L, 95L, 120L, 160L, 250L, 320L 6" Stainless Steel Submersible Pumps

60 HZ HIGH CAPACITY - FOR 6" AND LARGER WELLS

### FEATURES

**Powered for Continuous Operation:** All ratings are within the working limits of the motor. Pump can be operated continuously.

**New Design Features:** Cast 304 SS discharge head and motor adapter.

**Field Serviceable:** Easy to install and service. All parts easily dismantled if field service is ever necessary.

**Diverse Application:** Designed for commercial, municipal and agricultural water needs.

**Stainless Steel Construction:** Durable in most waters.

**Bearings:** Replaceable, silicon carbide bearings allow excellent abrasives handling and wear resistance.

**Built-in Check Valve:** Positive sealing, stainless steel check valve assembly incorporated into discharge head.

**Impellers:** New stainless steel impeller design provides improved efficiency.

**Maximum Temperature:** 140°F (60°C) for pump.

**Four-Fluted Shaft Design:** Four sided stainless steel shaft eliminates impeller keys and provides positive drive.

**Coupling:** Removable heavy duty stainless steel, splined coupling for maximum load-carrying capability.

**Suction Strainer:** Stainless steel strainer restricts gravel and other debris from entering the pump.

**Cable Guard:** Stainless steel cable guard surrounds and protects motor leads.

**Fasteners:** All fasteners are stainless steel.

**CentriPro Motors:** Designed to NEMA standards. Stainless steel casing resists corrosion. Water filled design provides a constant supply of lubrication. Hermetically sealed stator assures moisture free windings. Durable Kingsbury type thrust bearing absorbs all thrust. Replaceable motor lead assembly.

**Certified to NSF/ANSI 61, Annex G.**

### SPECIFICATIONS

Model	Horsepower Range	Discharge Connection	Recommended GPM Operating Range	GPM at Best Efficiency	Minimum* Well Size	Rotation at Disch. End
65L	3 - 40	3" NPT	20 - 90	65	6" / 8" *	CCW
95L	5 - 40		25 - 130	90	6" / 8" *	
120L	5 - 50		40 - 170	120	6" / 8" *	
160L	5 - 50		50 - 240	160	6"	
250L	7.5 - 50		70 - 300	250	6"	
320L	7.5 - 50	4" NPT	100 - 400	320	6"	

\* Minimum well size refers only to dimensional fit in a well, the specifier or installer must determine the minimum required well diameter that will insure an adequate supply of water to the pump and also properly cool the motor. See Water End Data Chart for specific diameter by model number.

### AGENCY LISTINGS



NSF/ANSI 372 - Drinking Water System Components - Lead Content

CLASS 6853 01 - Low Lead Content Certification Program -- Plumbing Products



Pump/Water End - Drinking Water System Components - Certified to NSF/ANSI 61, Annex G

NSF/ANSI 61-G

### "L" SERIES MATERIALS OF CONSTRUCTION

Ref. No.	Part Name	Material	Material Code
1	Discharge Head	Stainless steel	ASTM CF-8 (AISI 304 cast)
2	Check Valve Support	Stainless steel	ASTM CF-8 (AISI 304 cast)
3	Check Valve	Stainless steel	AISI 304 SS
4	Elastomers	Ethylene propylene	EPDM
5	Bolts and Screws	Stainless steel	AISI 304 SS
6	Shaft Sleeve and Bushing	Tungsten carbide	-
7	Thrust Bearing	PTFE+Graphite	-
8	Impeller	Stainless steel	AISI 304 SS
9	Diffuser	Stainless steel	AISI 304 SS
10	Spacer	Stainless steel	AISI 431 SS
11	Tie Rod	Stainless steel	AISI 304 SS
12	Cable Guard	Stainless steel	AISI 304 SS
13	Wear Rings	Technopolymer PPO	Engineered polymer
14	Strainer	Stainless steel	AISI 304 SS
15	Shaft	Stainless steel	AISI 431 SS
16	Shaft Coupling	Stainless steel	AISI 431 SS
17	Motor Adapter	Stainless steel	ASTM CF-8 (AISI 304 cast)

### SYSTEM COMPONENTS

#### ■ Pump/Water End:

- 65L-250L with 3" NPT discharge.
- 320L with 4" NPT discharge.
- 3 HP & 5HP Water Ends Have 4" Motor Adapters
- 7.5 HP Water Ends Have Either a 4" or 6" Motor Adapter (see Water End Data chart)
- 10 HP and Larger Water Ends Have 6" Motor Adapters

#### ■ Motor:

- 4" motor required for 3 HP and 5 HP pumps.
- 4" or 6" motors can be used for 7.5 HP pumps.
- 6" motor required for 10 HP and larger pumps.

■ **Control Box:** Required for all single phase motors.

■ **Magnetic Starter:** A magnetic starter with Class 10 overloads is required for all three phase units.

**WATER ENDS AND MOTORS MUST BE ORDERED SEPARATELY AND ARE PACKAGED SEPARATELY.**

### ORDER NUMBER CODE

	65	L	03
			└─ Horsepower
	95		Code = HP
Pump Size/	120		03 = 3
Gallons	160		05 = 5
per minute	250		07 = 7.5
at Best	320		10 = 10
Efficiency			15 = 15
Point			20 = 20
			25 = 25
Pump Series			30 = 30
			40 = 40
			50 = 50

### WATER END (PUMP) DATA

Model	Order No.	No. Stages	Min. HP Required	Required Motor Dia.	Dimensions & Weights					
					Length		Diameter		Weight	
					in.	mm	in.	mm	lbs.	kg.
65L	65L03	3	3	4	18.6	472	5.59	142	26	12
	65L05	5	5		22.2	564		142	31	14
	65L07- 4	7	7.5		25.8	656		144	35	16
	65L07	7	7.5	6	25.8	656	5.67	144	35	16
	65L10	10	10		31.3	794		144	44	20
	65L15	16	15		42.1	1070		144	60	27
	65L20	21	20		53.0	1346		144	75	34
	65L25	27	25		63.9	1622		144	90	41
	65L30 *	32	30		98.7	2508		6.97*	177	220
65L40 *	41	40	115.0	2922	177	253	115			
95L	95L05	3	5	4	18.6	472	5.59	142	26	12
	95L07- 4	5	7.5		22.2	564		144	31	14
	95L07	5	7.5		22.2	564		5.67	144	31
	95L10	7	10	25.8	656	144	35		16	
	95L15	10	15	31.3	794	144	44		20	
	95L20	14	20	38.5	978	144	53		24	
	95L25	17	25	43.9	1116	144	62		28	
	95L30	21	30	53.0	1346	144	75		34	
	95L40 *	28	40	67.3	1710	6.97*	177	156	71	
120L	120L05	2	5	4	16.8	426	5.59	142	22	10
	120L07- 4	3	7.5		19.5	495		144	26	12
	120L07	3	7.5		19.5	495		5.67	144	26
	120L10	5	10	24.9	633	144	33		15	
	120L15	7	15	30.4	771	144	40		18	
	120L20	10	20	38.5	978	144	51		23	
	120L25	12	25	43.9	1116	144	57		26	
	120L30	15	30	52.1	1323	144	68		31	
	120L40	20	40	65.7	1668	144	86	39		
120L50 *	24	50	80.9	2055	6.97*	177	179	81		
160L	160L05	2	5	4	17.2	436	5.59	142	22	10
	160L07- 4	3	7.5		19.9	505		144	26	12
	160L07	3	7.5		19.9	505		5.67	144	26
	160L10	4	10	22.6	574	144	31		14	
	160L15	6	15	28.0	712	144	37		17	
	160L20	8	20	33.5	850	144	44		20	
	160L25	9	25	36.2	919	144	46		21	
	160L30	11	30	41.6	1057	144	53		24	
	160L40	15	40	52.5	1333	144	68	31		
160L50	18	50	60.6	1540	144	77	35			
250L	250L07- 4	2	7.5	4	20.8	528	5.67	144	26	12
	250L07	2	7.5	6	20.8	528		144	26	12
	250L10	3	10		25.3	643		144	33	15
	250L15	5	15		34.4	873		144	44	20
	250L20	7	20		43.4	1103		144	55	25
	250L25	8	25		48.0	1218		144	60	27
	250L30	9	30		52.5	1333		144	66	30
	250L40	13	40		70.6	1793		144	88	40
	250L50	16	50		84.2	2138		144	104	47
320L	320L07- 4	2	7.5	4	21.8	553	5.67	144	27	12
	320L07	2	7.5	6	21.8	553		144	27	12
	320L15	4	15		30.8	783		144	38	17
	320L20	5	20		35.4	898		144	45	20
	320L25	6	25		39.9	1013		144	50	22
	320L30	8	30		49.0	1243		144	61	27
	320L40	11	40		62.5	1588		144	78	35
	320L50	13	50		71.6	1818		144	89	40

\* Note pump diameter - high pressure models have an exterior casing and larger diameters, verify they will fit your well.

### MOTOR DATA

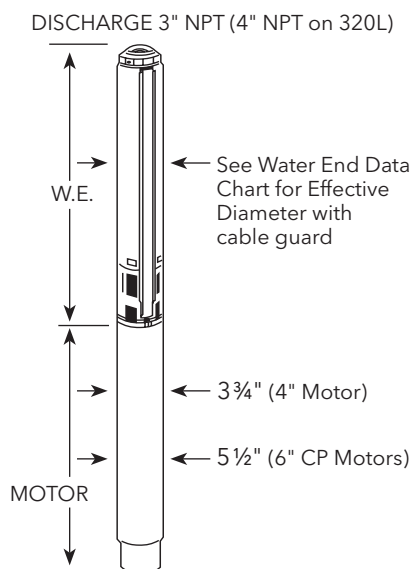
**NOTE:** 4" diameter motors are required for 3 and 5 HP "L" Series pumps.  
 4" or 6" diameter motors can be used for 7.5 HP "L" Series pumps. See Water End Data Chart.  
 6" diameter motors are required for 10 HP and larger "L" Series pumps.

### CENTRIPRO 4" MOTORS

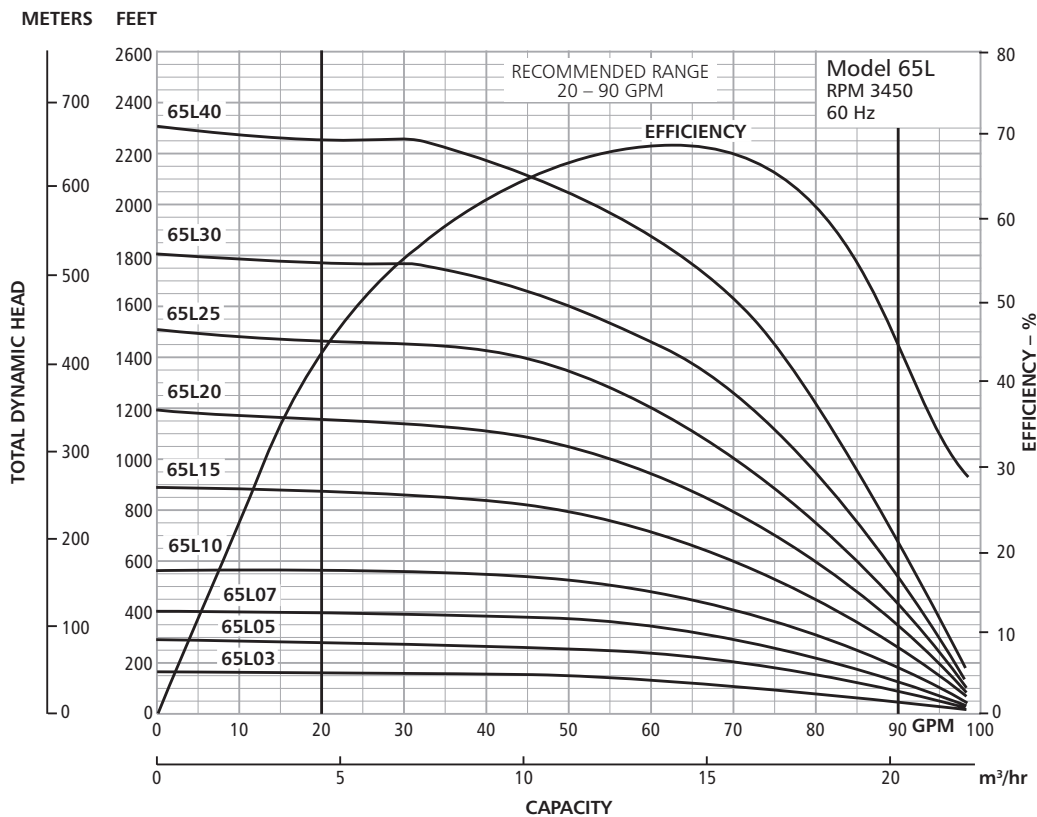
Single Phase Motors - Dimensions and Weights					
Motor Order No.	HP	Motor Dia.	Volts	Length in. (mm)	Weight lbs. (Kg)
M30412	3	4"	230	18.3 (466)	40 (18.1)
M50412	5			27.7 (703)	70 (31.8)
Three Phase Motors - Dimensions and Weights					
M30430	3	4"	200	15.3 (389)	32 (14.5)
M30432			230		
M30434			460		
M50430	5	4"	200	21.7 (550)	55 (24.9)
M50432			230		
M50434			460		
M75430	7.5	4"	200	27.7 (703)	70 (31.8)
M75432			230		
M75434			460		

### CENTRIPRO 6" MOTORS

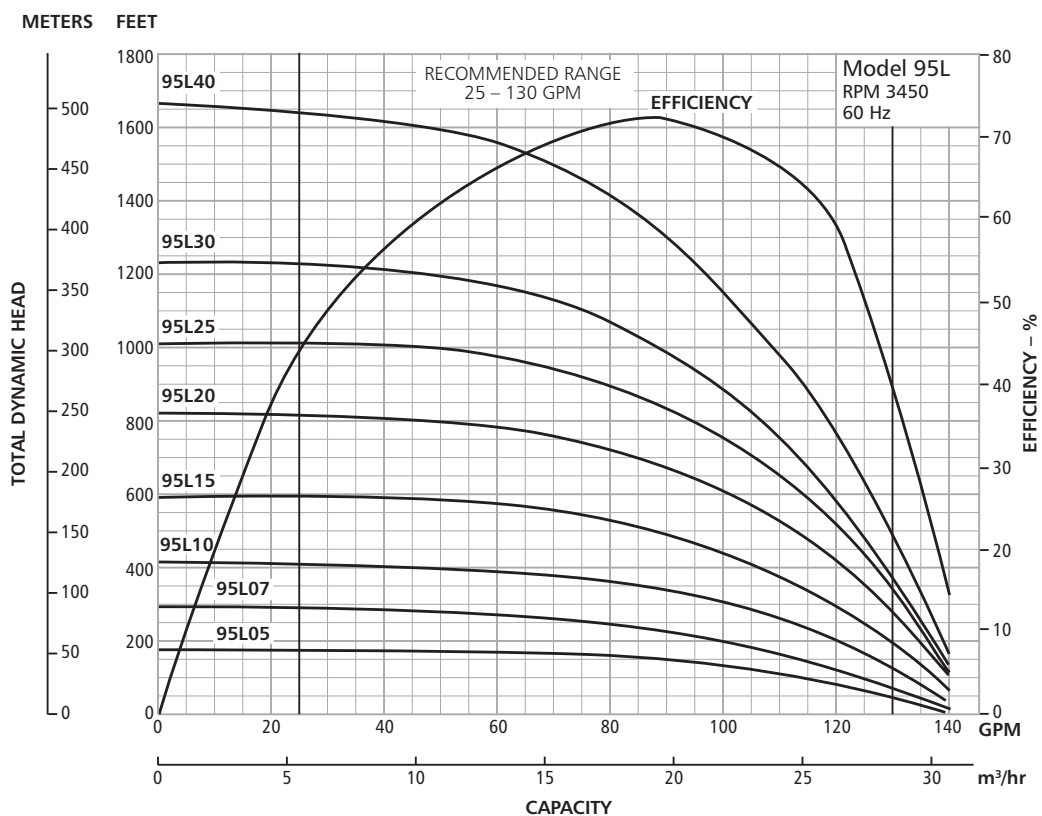
Single Phase Motors - Dimensions and Weights					
Motor Order No.	HP	Motor Dia.	Volts	Length (inches)	Weight (lbs)
6M071	7.5	6"	230	29.9	128
6M101	10	6"	230		
6M151	15	6"	230	33.5	148
Three Phase Motors - Dimensions and Weights					
6M078	7.5	6"	200	24.8	99
6M072			230		
6M074			460		
6M108	10	6"	200	27.0	110
6M102			230		
6M104			460		
6M158	15	6"	200	29.9	128
6M152			230		
6M154			460		
6M208	20	6"	200	31.5	137
6M202			230		
6M204			460		
6M258	25	6"	200	36.2	161
6M252			230		
6M254			460		
6M308	30	6"	200	38.2	176
6M302			230		
6M304			460		
6M404	40	6" x 8"	460	40.6	187
66M504	50			41.7	198
86M504	50			46.4	353



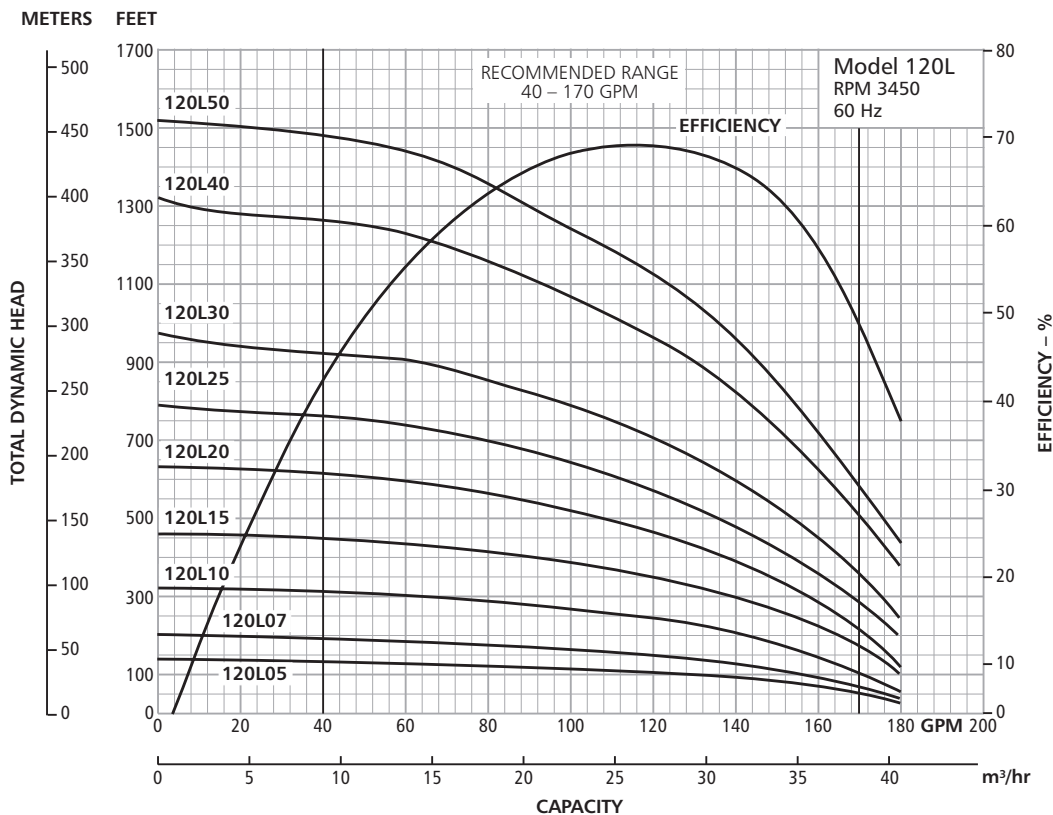
### MODEL 65L



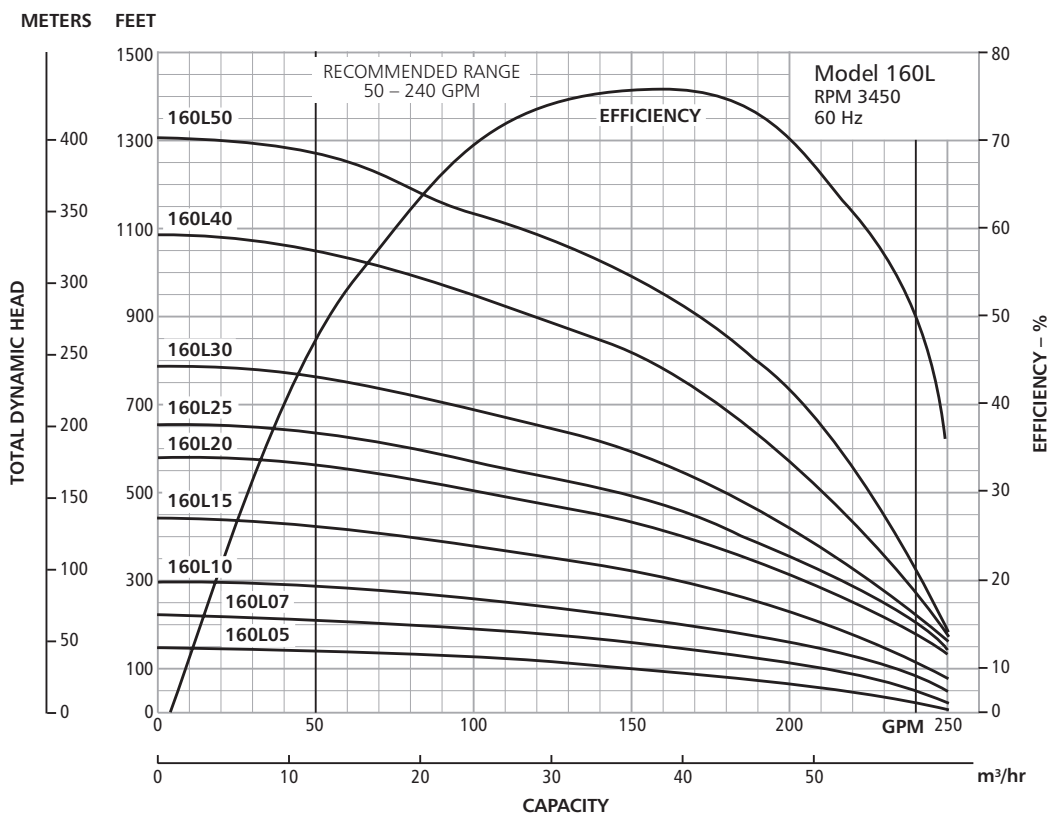
### MODEL 95L



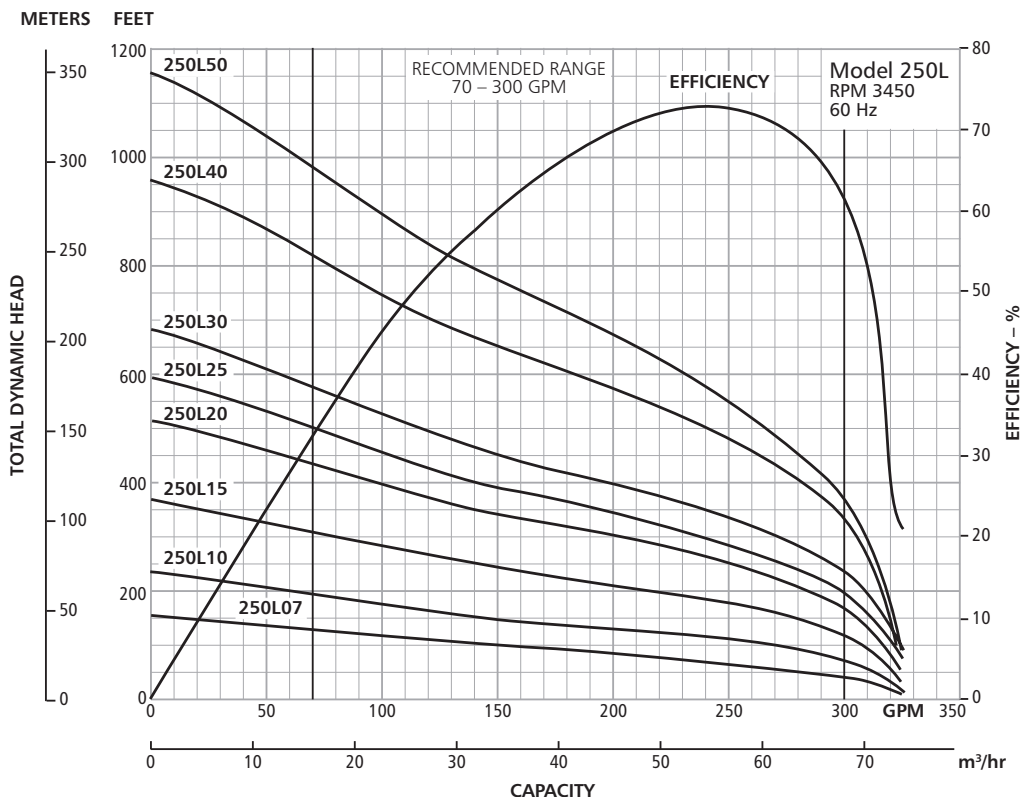
### MODEL 120L



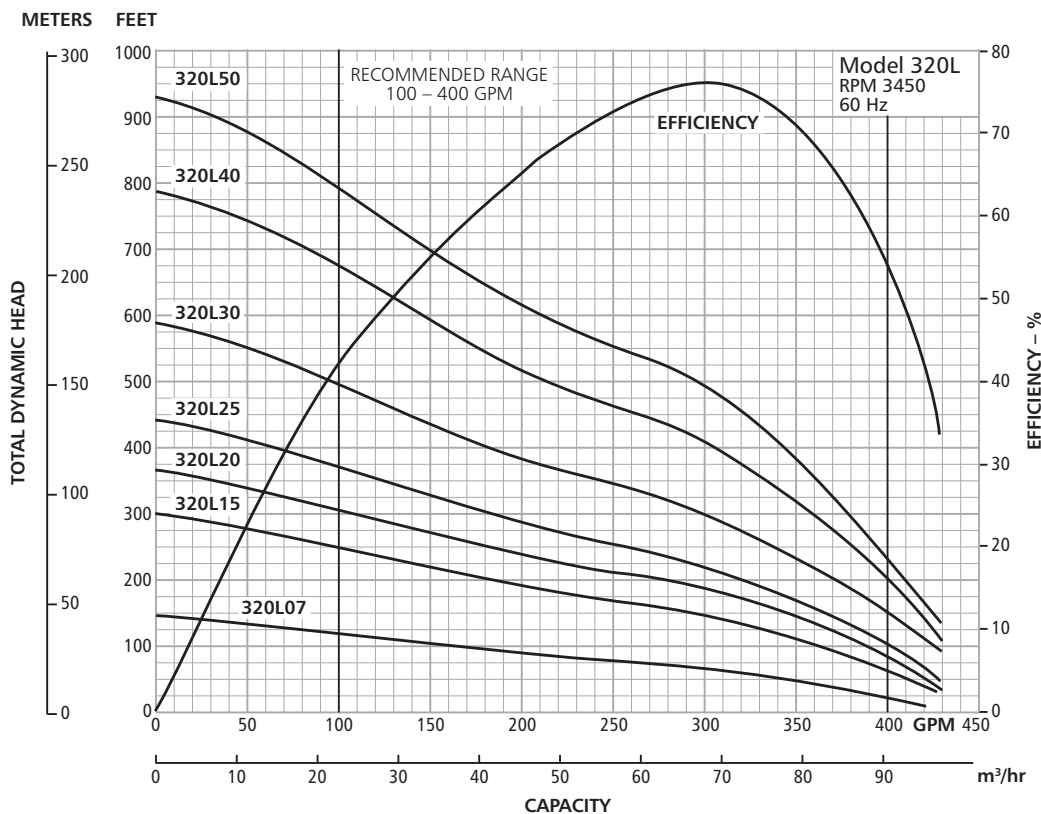
### MODEL 160L



### MODEL 250L



### MODEL 320L



**NOTE:** On 250L and 320L, operation below minimum recommended flow will increase motor amp. draw and trip overloads.



## Residential Water Systems

### MODEL 65L

#### SELECTION CHART

Horsepower Range 3 - 40, Recommended Range 20 - 90 GPM, 60 Hz, 3450 RPM

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																																									
	HP	PSI	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650	675	700	725	750	775	800	825	850	875	900				
65L03 3 Stages	3	0		89	83	73	64	49																																		
		20	84	75	65	53																																				
		30	75	66	59																																					
		40	66	56																																						
		50	58																																							
		60																																								
65L05 5 Stages	5	0				89	85	81	75	68	60	47																														
		20		89	85	81	76	69	61	50	21																															
		30	90	86	82	76	69	62	51	25																																
		40	86	82	77	70	63	52	28																																	
		50	82	77	71	63	53	31																																		
		60	78	71	64	54	34																																			
65L07 7 Stages	7.5	0				88	87	86	83	79	74	69	66	63	57	38																										
		20		91	89	88	86	84	80	75	70	66	64	59	43																											
		30		89	88	86	84	80	75	70	67	64	59	45																												
		40	89	88	87	84	81	76	71	67	64	60	46																													
		50	88	87	85	81	76	71	67	64	60	48																														
		60	87	85	81	77	71	67	65	61	50																															
65L10 10 Stages	10	0				91	89	88	88	88	88	87	85	82	79	75	71	68	66	65	62	57	44																			
		20		91	89	88	88	88	87	85	83	79	76	72	69	67	65	63	58	47	23																					
		30		89	88	88	88	87	86	83	80	76	72	69	67	65	63	58	48	25																						
		40	89	88	88	88	87	86	83	80	76	72	69	67	65	63	59	49	28																							
		50	89	88	88	88	87	86	84	80	77	73	69	67	65	63	59	50	30																							
		60	88	88	88	87	86	84	81	77	73	70	67	65	63	60	51	32																								
65L15 16 Stages	15	0						91	90	89	88	88	87	85	82	79	75	71	68	65	62	57	44																			
		20						90	89	88	88	87	87	86	85	84	83	81	79	77	75	73	71	69	67	66	64	63	62	60	57	53	45	33								
		30					90	89	88	88	87	87	86	86	84	83	81	80	77	75	73	71	69	67	66	64	63	62	60	58	53	46	34									
		40			90	89	88	88	87	87	86	86	85	83	82	80	78	75	73	71	69	67	66	65	63	62	61	58	54	47	35											
		50		90	89	88	88	87	87	86	86	85	83	82	80	78	75	73	71	69	67	66	65	64	62	61	58	54	47	36	20											
		60	90	89	88	88	88	87	87	86	85	83	82	80	78	77	73	71	69	67	66	65	64	62	61	58	54	48	37	22												

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																																							
	HP	PSI	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700						
65L20 21 Stages	20	0						88	87	85	83	81	78	75	72	69	66	63	60	56	50	39																		
		20						88	87	85	84	81	79	76	72	69	66	63	61	57	51	40	20																	
		30						87	86	85	83	80	77	74	71	68	65	62	59	54	46	32																		
		40					88	87	85	84	82	79	76	73	69	66	64	61	57	51	41	22																		
		50					87	86	85	83	80	77	74	71	68	65	62	59	55	47	33																			
		60			88	87	86	84	82	79	76	73	70	67	64	61	57	52	42	24																				
65L25 27 Stages	25	0				91	89	88	88	87	86	86	84	83	81	79	77	74	72	69	67	66	64	62	60	57	51	41	26											
		20			91	89	88	88	87	86	86	85	83	81	79	77	74	72	70	68	66	64	62	60	57	51	42	27												
		30			90	89	88	87	87	86	85	84	82	80	78	76	73	71	69	67	65	63	62	59	55	47	36													
		40		91	89	88	88	87	87	86	85	83	81	79	77	75	72	70	68	66	64	63	60	57	52	43	29													
		50		90	89	88	87	87	86	85	84	82	81	78	76	73	71	69	67	65	64	62	59	55	48	37														
		60	91	90	89	88	87	87	86	85	83	82	80	77	75	72	70	68	66	64	63	61	57	52	44	30														

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																																							
	HP	PSI	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700													
65L30 32 Stages	30	0						89	87	85	83	80	78	76	74	73	71	70	69	68	67	66	65	62	59	54	47	37												
		20					90	88	85	83	81	78	76	74	73	71	70	69	68	67	66	65	62	59	54	47	38													
		30					89	87	84	82	80	77	75	74	72	71	70	69	68	67	66	64	61	57	51	43	33													
		40			90	88	85	83	81	78	76	74	73	71	70	69	68	67	66	65	63	59	55	48	39															
		50			89	87	84	82	80	77	75	74	72	71	70	69	68	67	66	64	61	57	52	44	34															
		60		90	88	86	83	81	79	77	75	73	71	70	69	68	68	66	65	63	60	55	49	40																

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																																				
	HP	PSI	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100						
65L40 41 Stages	40	0					89	87	85	83	81	79	78	76	74	72	71	69	68	66	65	64	62	60	58	56	53	49	45	39	32						
		20					89	87	85	83	81	80	78	76	74	72	71	69	68	66	65	64	62</														



### MODEL 120L

#### SELECTION CHART

Horsepower Range 5 - 50, Recommended Range 40 - 170 GPM, 60 Hz, 3450 RPM

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																																				
	HP	PSI	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650	675	700	725	750					
120L05 2 Stages	5	0		167	147	121	53																														
		20	150	126	68																																
		30	129	75																																	
		40	82																																		
		50																																			
		60																																			
120L07 3 Stages	7.5	0			166	153	138	116	74																												
		20	168	155	141	120	82																														
		30	156	142	122	86																															
		40	143	124	90																																
		50	126	93																																	
		60	96																																		
120L10 5 Stages	10	0				170	164	157	150	141	131	115	91	56																							
		20			165	158	151	143	133	119	97	65																									
		30		165	158	151	143	133	119	97	65																										
		40	166	159	152	144	134	120	99	68																											
		50	159	152	145	135	122	101	71																												
		60	153	145	136	123	103	74																													
120L15 7 Stages	15	0						170	163	155	148	142	136	130	121	109	90	63																			
		20				171	164	156	149	143	137	131	123	111	94	68																					
		30				164	157	150	143	137	131	123	112	95	70																						
		40			165	157	150	144	138	132	124	113	97	72																							
		50		165	158	151	144	138	132	125	114	98	74	40																							
		60	166	158	151	145	139	133	125	115	100	77	43																								
120L20 10 Stages	20	0								168	164	159	155	151	146	142	137	132	126	119	110	99	85	69	48												
		20				168	164	160	156	151	147	143	138	133	127	120	111	101	88	71	51																
		30				169	165	160	156	152	147	143	138	133	127	120	112	101	89	73	53																
		40			169	165	161	156	152	148	143	139	134	128	121	113	102	90	74	55																	
		50		169	165	161	157	152	148	144	139	134	128	121	113	103	91	75	56																		
		60	170	166	161	157	153	148	144	139	134	129	122	114	104	92	77	58																			
120L25 12 Stages	25	0								169	165	160	156	151	147	143	139	135	130	126	121	116	109	101	91	78	63	44									
		20					170	165	161	156	152	147	143	139	135	131	127	122	117	110	102	92	80	65	47												
		30					170	166	161	157	152	148	143	139	135	131	127	122	117	111	103	93	81	67	49												
		40				170	166	162	157	152	148	144	140	136	132	127	123	117	111	103	94	82	68	50													
		50		171	166	162	157	153	148	144	140	136	132	128	123	118	112	104	95	83	69	52															
		60	171	167	162	158	153	149	144	140	136	132	128	124	118	112	105	95	84	70	53																

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																																				
	HP	PSI	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450									
120L30 15 Stages	30	0					165	158	151	144	138	131	123	113	99	80	54																				
		20				165	158	152	145	138	131	123	114	100	82	56																					
		30			169	162	155	148	142	135	128	119	108	92	71	41																					
		40		166	159	152	145	139	132	124	114	101	83	58																							
		50	169	163	156	149	142	136	128	120	109	94	73	44																							
		60	166	160	153	146	139	132	125	115	102	85	60																								
120L40 20 Stages	40	0						170	166	161	156	150	145	140	134	129	123	115	107	96	82	65	42														
		20				166	161	156	151	145	140	135	129	123	116	108	97	83	66	44																	
		30				169	164	159	154	148	143	138	132	126	120	112	103	91	76	57																	
		40				167	162	156	151	146	140	135	130	124	117	108	98	85	68	46																	
		50			169	164	159	154	149	143	138	133	127	120	113	104	92	77	58																		
		60		167	162	157	151	146	141	135	130	124	117	109	99	86	69	48																			
120L50 24 Stages	50	0								168	164	161	158	156	153	149	144	137	130	122	114	107	100	94	87	76	56										
		20								168	164	161	159	156	153	149	144	138	130	123	115	108	101	95	87	77	58										
		30								166	163	160	157	155	151	147	141	134	127	119	111	104	98	92	83	69											
		40								169	165	161	159	156	153	150	145	138	131	123	115	108	101	95	88	78	60										
		50								167	163	160	158	155	152	147	142	135	127	120	112	105	99	92	84	71											
		60								165	162	159	156	154	150	145	139	132	124	116	109	102	96	89	79	62											

### MODEL 160L

### SELECTION CHART

Horsepower Range 5 - 50, Recommended Range 50 - 240 GPM, 60 Hz, 3450 RPM

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																																			
	HP	PSI	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650	675	700	725	750				
160L05 2 Stages	5	0	236	214	185	149	87																													
		20	190	155	100																															
		30	158	105																																
		40	111																																	
		50																																		
		60																																		
160L07 3 Stages	7.5	0	231	239	227	207	184	158	123	68																										
		20	229	210	188	162	129	78																												
		30	212	189	164	132	83																													
		40	191	166	135	88																														
		50	168	138	92																															
		60	140	97																																
160L10 4 Stages	10	0				233	218	203	185	164	137	103	57																							
		20		234	221	205	188	167	142	109	65																									
		30	235	222	206	189	169	144	111	69																										
		40	223	208	191	171	146	114	73																											
		50	209	192	172	148	117	76																												
		60	193	174	150	120	80																													
160L15 6 Stages	15	0					239	231	222	212	201	190	178	164	148	129	104	74																		
		20					232	223	213	203	192	180	166	151	132	108	79																			
		30					233	224	214	204	193	181	167	152	134	110	81																			
		40		234	225	215	204	193	182	169	153	135	112	84																						
		50	234	225	216	205	194	183	170	155	137	114	86	50																						
		60	226	216	206	195	183	171	156	138	116	89	53																							
160L20 8 Stages	20	0								234	225	217	209	200	192	183	173	163	151	137	121	102	79	51												
		20								235	227	218	210	202	193	184	175	165	153	140	124	105	83	56												
		30								236	227	219	211	202	194	185	176	165	154	141	125	107	85	58												
		40							236	228	220	211	203	195	186	176	166	155	142	126	108	86	60													
		50							237	229	220	212	204	195	186	177	167	156	143	128	110	88	62													
		60							237	229	221	213	204	196	187	178	168	157	144	129	111	90	65													
160L25 9 Stages	25	0																																		
		20																																		
		30																																		
		40																																		
		50																																		
		60																																		
160L30 11 Stages	30	0																																		
		20																																		
		30																																		
		40																																		
		50																																		
		60																																		

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																																			
	HP	PSI	150	175	200	225	250	275	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200									
160L40 15 Stages	40	0																																		
		20																																		
		30																																		
		40																																		
		50																																		
		60																																		
160L50 18 Stages	50	0																																		
		20																																		
		30																																		
		40																																		
		50																																		
		60																																		

## Residential Water Systems

### MODEL 250L

#### SELECTION CHART

Horsepower Range 7.5 - 50, Recommended Range 70 - 300 GPM, 60 Hz, 3450 RPM

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																																								
	HP	PSI	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650	675	700	725	750	775	800							
250L07 2 Stages	7.5	0		286	224	149	74																																		
		20	235	161	85																																				
		30	167	91																																					
		40	96																																						
		50																																							
		60																																							
250L10 3 Stages	10	0			294	259	213	160	105																																
		20	298	265	221	168	113																																		
		30	268	224	173	117																																			
		40	228	177	122	69																																			
		50	181	126	72																																				
		60	130	76																																					
250L15 5 Stages	15	0				291	271	246	217	183	148	112	77																												
		20		294	275	250	221	189	153	117	82																														
		30		295	276	252	224	191	156	120	84																														
		40	296	278	254	226	194	159	123	87																															
		50	280	256	228	196	162	125	90																																
		60	258	231	199	164	128	92																																	
250L20 7 Stages	20	0					301	291	277	257	233	205	175	145	117	94	75																								
		20					293	280	261	237	209	179	149	121	97	78																									
		30				294	281	262	239	211	181	151	123	99	79																										
		40			295	282	264	241	214	184	154	125	101	80																											
		50		295	283	266	243	216	186	156	127	102	82																												
		60	296	284	267	245	218	188	158	129	104	83																													
250L25 8 Stages	25	0					298	289	275	258	238	216	192	167	143	121	101	83																							
		20					299	290	277	261	241	219	195	171	147	124	104	86	70																						
		30				300	291	279	262	243	221	197	173	149	126	105	87	71																							
		40			300	292	280	264	244	223	199	175	150	128	107	88	72																								
		50		301	293	281	265	246	224	201	176	152	129	108	90	74																									
		60	293	282	266	248	226	203	178	154	131	110	91	75																											
250L30 9 Stages	30	0					299	289	277	264	249	233	216	198	180	160	141	121	102	83																					
		20					300	290	279	266	251	236	219	201	182	163	144	124	105	86																					
		30					291	280	267	253	237	220	202	184	165	145	126	106	87																						
		40				292	281	268	254	238	221	204	185	166	147	127	108	89	70																						
		50			293	282	269	255	240	223	205	187	168	148	129	109	90	72																							
		60	294	283	270	256	241	224	206	188	169	150	130	111	92	73																									
250L40 13 Stages	40	0										300	295	287	278	266	253	239	224	209	194	179	165	151	138	125	113	101	90	79											
		20										296	289	279	268	255	241	226	211	197	182	167	153	140	127	114	103	91	80	69											
		30										297	289	280	269	256	242	227	213	198	183	168	154	141	128	115	104	92	81	70											
		40										297	290	281	270	257	243	229	214	199	184	169	155	142	129	116	104	93	82	71											
		50										297	291	282	270	258	244	230	215	200	185	170	156	143	130	117	105	94	83	72											
		60										298	291	282	271	259	245	231	216	201	186	172	157	144	131	118	106	95	84	73											

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																																						
	HP	PSI	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650	675	700	725	750	775	800	825	850	875	900	925	950						
250L50 16 Stages	50	0							300	295	289	283	276	269	261	253	245	236	227	218	208	198	188	177	166	156	145	134	123	111	100	89	79						
		20						296	290	284	277	270	262	255	246	238	228	219	209	199	189	179	168	157	146	135	124	113	102	91	80	70							
		30					296	291	284	278	271	263	255	247	238	230	220	210	200	190	180	169	158	147	136	125	114	103	92	81	71								
		40				297	291	285	278	271	264	256	248	239	230	221	211	201	191	180	170	159	148	137	126	115	104	93	82	71									
		50			297	291	285	279	272	264	256	248	240	231	221	212	202	192	181	171	160	149	138	127	116	105	94	83	72										
		60		298	292	286	279	272	265	257	249	240	231	222	212	203	192	182	171	161	150	139	128	116	105	94	84	73											

### MODEL 320L

#### SELECTION CHART

Horsepower Range 7.5 - 50, Recommended Range 100 - 400 GPM, 60 Hz, 3450 RPM

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																														
	HP	PSI	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650			
320L07 2 Stages	7.5	0		343	262	172																									
		20	275	186																											
		30	193	100																											
		40	107																												
		50																													
		60																													
320L15 4 Stages	15	0		392	393	370	332	286	237	189	143																				
		20	394	374	338	293	245	196	150	105																					
		30	376	341	297	248	200	153	108																						
		40	344	300	252	204	157	112																							
		50	304	256	207	160	115																								
		60	260	211	164	119																									
320L20 5 Stages	20	0				391	365	336	303	267	228	188	147	105																	
		20		394	370	341	308	273	234	194	153	112																			
		30	396	372	343	311	275	237	197	156	115																				
		40	374	345	313	278	240	200	159	118																					
		50	348	316	281	243	203	162	121																						
		60	319	284	246	207	166	124																							
320L25 6 Stages	25	0				387	366	343	316	288	257	225	191	157	123																
		20			390	370	346	320	292	262	230	196	162	128																	
		30		392	371	348	322	294	264	232	199	165	130																		
		40	393	373	350	324	296	266	235	201	167	133																			
		50	375	352	326	299	269	237	204	170	136	101																			
		60	354	328	301	271	239	206	173	138	104																				
320L30 8 Stages	30	0						391	375	357	336	314	291	267	242	217	192	166	141	116											
		20				393	378	360	340	318	295	271	246	221	196	170	145	120													
		30				395	379	361	341	319	296	273	248	223	197	172	147	122													
		40			396	380	363	343	321	298	274	250	225	199	174	149	124														
		50		397	382	364	344	323	300	276	252	227	201	176	151	125	100														
		60	398	383	365	346	324	302	278	254	229	203	178	153	127	102															
320L40 11 Stages	40	0								399	388	375	361	346	331	314	297	280	262	244	225	207	188	169	150	131	113				
		20								390	377	363	349	333	317	300	282	265	246	228	209	191	172	153	134	115					
		30								390	378	365	350	334	318	301	284	266	248	229	211	192	173	155	136	117					
		40						391	379	366	351	336	319	302	285	267	249	231	212	194	175	156	137	118							
		50						392	380	367	352	337	321	304	286	269	251	232	214	195	176	158	139	120	101						
		60				393	381	368	353	338	322	305	288	270	252	234	215	196	178	159	140	121	102								

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																											
	HP	PSI	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650	675	700	725	750	775		
320L50 13 Stages	50	0				395	387	378	367	355	343	330	316	301	286	270	254	238	222	205	188	172	155	138	122	106		
		20		396	388	379	369	357	345	332	318	303	288	273	257	241	224	208	191	174	158	141	124	108				
		30	397	389	380	369	358	346	333	319	304	289	274	258	242	225	209	192	176	159	142	126	109					
		40	390	381	370	359	347	334	320	306	291	275	259	243	227	210	193	177	160	143	127	111						
		50	381	371	360	348	335	321	307	292	276	260	244	228	211	195	178	161	145	128	112							
		60	372	361	349	336	322	308	293	277	262	246	229	213	196	179	163	146	129	113								

**NOTES**

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