

# WaterSystems

## 4" Submersible Deep Well Pumps



### Features

- 4 performance ranges – 5, 8, 12, and 22 gpm
- Available with thermoplastic discharge and motor bracket, or stainless steel discharge and motor bracket
- Ceramic bearing sleeve for durability
- Hex rubber bearing has an extra large surface to assure shaft stability and multiple flow channels to keep small particles away from bearing surfaces
- Celcon® disk allows for close tolerances for increased performance
- Stainless steel up thrust washer prevents excessive wear in severe applications
- Built-in, Flomatic® check valve keeps water in the system at all times
- Removable suction screen on both thermoplastic and stainless steel units prevents debris from clogging impellers and provides full flow performance
- Stainless steel shaft features high quality, premium materials at a competitive price
- Powered by Franklin Electric Super Stainless Motor

Celcon® is a registered trademark of the Celanese Corporation.  
Flomatic® is a registered trademark of the Danfus Corporation.

# Specifications

Item Number	Model Number	Discharge Size (FNPT)	Discharge Type	GPM	HP	Stages	Volts	Wire	Shut Off (ft.)	Weight (lbs.)	UPC Code
558551	W5G05S13-21P	1-1/4"	Thermoplastic	5	1/2	13	115	2	364	26	0 10121 11836 2
558554	W5G05S13-32P	1-1/4"	Thermoplastic	5	1/2	13	230	3	364	25	0 10121 11839 3
558552	W5G07S18-22P	1-1/4"	Thermoplastic	5	3/4	18	230	2	528	29	0 10121 11837 9
558555	W5G07S18-32P	1-1/4"	Thermoplastic	5	3/4	18	230	3	528	30	0 10121 11840 9
558553	W5G10S21-22P	1-1/4"	Thermoplastic	5	1	21	230	2	614	33	0 10121 11838 6
558556	W5G10S21-32P	1-1/4"	Thermoplastic	5	1	21	230	3	614	34	0 10121 11841 6
558557	W8G05S9-21P	1-1/4"	Thermoplastic	8	1/2	9	115	2	275	24	0 10121 11842 3
558558	W8G05S9-22P	1-1/4"	Thermoplastic	8	1/2	9	230	2	275	24	0 10121 11843 0
558561	W8G05S9-32P	1-1/4"	Thermoplastic	8	1/2	9	230	3	275	24	0 10121 11846 1
558559	W8G07S12-22P	1-1/4"	Thermoplastic	8	3/4	12	230	2	365	28	0 10121 11844 7
558562	W8G07S12-32P	1-1/4"	Thermoplastic	8	3/4	12	230	3	365	28	0 10121 11847 8
558560	W8G10S15-22P	1-1/4"	Thermoplastic	8	1	15	230	2	455	33	0 10121 11845 4
558563	W8G10S15-32P	1-1/4"	Thermoplastic	8	1	15	230	3	455	33	0 10121 11848 5
558564	W12G05S7-21P	1-1/4"	Thermoplastic	12	1/2	7	115	2	231	24	0 10121 11849 2
558565	W12G05S7-22P	1-1/4"	Thermoplastic	12	1/2	7	230	2	231	24	0 10121 11850 8
558569	W12G05S7-32P	1-1/4"	Thermoplastic	12	1/2	7	230	3	231	24	0 10121 11854 6
558566	W12G07S9-22P	1-1/4"	Thermoplastic	12	3/4	9	230	2	291	28	0 10121 11851 5
558570	W12G07S9-32P	1-1/4"	Thermoplastic	12	3/4	9	230	3	291	28	0 10121 11855 3
558567	W12G10S12-22P	1-1/4"	Thermoplastic	12	1	12	230	2	399	31	0 10121 11852 2
558571	W12G10S12-32P	1-1/4"	Thermoplastic	12	1	12	230	3	399	32	0 10121 11856 0
558568	W12G15S17-22P	1-1/4"	Thermoplastic	12	1-1/2	17	230	2	545	38	0 10121 11853 9
558572	W12G15S17-32P	1-1/4"	Thermoplastic	12	1-1/2	17	230	3	545	39	0 10121 11857 7
558573	W22G10S7-22P	1-1/4"	Thermoplastic	22	1	7	230	2	221	30	0 10121 11858 4
558574	W22G10S7-32P	1-1/4"	Thermoplastic	22	1	7	230	3	221	33	0 10121 11859 1
558575	W5G05S13-21S	1-1/4"	Stainless Steel	5	1/2	13	115	2	364	26	0 10121 11860 7
558578	W5G05S13-32S	1-1/4"	Stainless Steel	5	1/2	13	230	3	364	25	0 10121 11863 8
558576	W5G07S18-22S	1-1/4"	Stainless Steel	5	3/4	18	230	2	528	29	0 10121 11861 4
558579	W5G07S18-32S	1-1/4"	Stainless Steel	5	3/4	18	230	3	528	30	0 10121 11864 5
558577	W5G10S21-22S	1-1/4"	Stainless Steel	5	1	21	230	2	614	33	0 10121 11862 1
558580	W5G10S21-32S	1-1/4"	Stainless Steel	5	1	21	230	3	614	34	0 10121 11865 2
558581	W8G05S9-21S	1-1/4"	Stainless Steel	8	1/2	9	115	2	275	24	0 10121 11883 6
558582	W8G05S9-22S	1-1/4"	Stainless Steel	8	1/2	9	230	2	275	24	0 10121 11866 9
558585	W8G05S9-32S	1-1/4"	Stainless Steel	8	1/2	9	230	3	275	24	0 10121 11869 0
558583	W8G07S12-22S	1-1/4"	Stainless Steel	8	3/4	12	230	2	365	28	0 10121 11867 6
558586	W8G07S12-32S	1-1/4"	Stainless Steel	8	3/4	12	230	3	365	28	0 10121 11870 6
558584	W8G10S15-22S	1-1/4"	Stainless Steel	8	1	15	230	2	455	33	0 10121 11868 3
558587	W8G10S15-32S	1-1/4"	Stainless Steel	8	1	15	230	3	455	33	0 10121 11871 3
558588	W12G05S7-21S	1-1/4"	Stainless Steel	12	1/2	7	115	2	231	24	0 10121 11872 0
558589	W12G05S7-22S	1-1/4"	Stainless Steel	12	1/2	7	230	2	231	24	0 10121 11873 7
558593	W12G05S7-32S	1-1/4"	Stainless Steel	12	1/2	7	230	3	231	24	0 10121 11877 5
558590	W12G07S9-22S	1-1/4"	Stainless Steel	12	3/4	9	230	2	291	28	0 10121 11874 4
558594	W12G07S9-32S	1-1/4"	Stainless Steel	12	3/4	9	230	3	291	28	0 10121 11878 2
558591	W12G10S12-22S	1-1/4"	Stainless Steel	12	1	12	230	2	399	31	0 10121 11875 1
558595	W12G10S12-32S	1-1/4"	Stainless Steel	12	1	12	230	3	399	32	0 10121 11879 9
558592	W12G15S17-22S	1-1/4"	Stainless Steel	12	1-1/2	17	230	2	545	38	0 10121 11876 8
558596	W12G15S17-32S	1-1/4"	Stainless Steel	12	1-1/2	17	230	3	545	39	0 10121 11880 5
558597	W22G10S7-22S	1-1/4"	Stainless Steel	22	1	7	230	2	221	30	0 10121 11881 2
558598	W22G10S7-32S	1-1/4"	Stainless Steel	22	1	7	230	3	221	33	0 10121 11882 9

# Capacities in U.S. Gallons per Minute 5 GPM

Depth to Pumping Water Level, or Lift, in Feet  
Shaded Areas Indicate Most Efficient Performance

HP	PSI	20	40	60	80	100	120	140	160	180	200	240	260	300	340	360	400	440	480	500	600	700	800	
1/2	0						8	7	7	6	6	5	4	3										
	20				7	7	6	6	5	5	4	3	3	2										
	30			7	7	6	6	5	5	4	4	3	2											
	40		7	7	6	6	5	5	4	4	3	2												
	50	7	7	6	6	5	5	4	4	3	2													
	60	7	6	6	5	5	4	4	3	2														
	80	6	5	5	4	4	3	2	1															
Shut-off PSI		149	140	131	122	114	105	96	88	79	70	53	45	27										

Shut-off 364 ft.

HP	PSI	20	40	60	80	100	120	140	160	180	200	240	260	300	340	360	400	440	480	500	600	700	800	
3/4	0									7	7	7	6	6	5	5	4	3						
	20							7	7	7	6	6	6	5	4	4	3	2						
	30					8	7	7	7	6	6	6	5	5	4	4	2							
	40				8	7	7	7	6	6	6	5	5	4	3	3								
	50		7	7	7	7	6	6	6	6	5	5	5	4	3	2								
	60	7	7	7	7	6	6	6	6	5	5	5	4	3	2									
	80	7	7	3	6	6	6	5	5	5	4	4	3	3										
Shut-off PSI		220	211	203	194	185	177	168	159	151	142	125	116	99	81	73	55	38						

Shut-off 528 ft.

HP	PSI	20	40	60	80	100	120	140	160	180	200	240	260	300	340	360	400	440	480	500	600	700	800	
1	0										8	7	7	6	6	6	5	5	4	4				
	20									7	7	7	6	6	6	5	5	5	4	3	2			
	30									7	7	7	6	6	5	5	5	4	3	2	2			
	40									7	7	6	6	6	5	5	4	4	3	2	1			
	50									7	7	7	6	6	6	5	5	4	4	3	2	1		
	60									7	7	7	6	6	6	5	5	5	4	4	3	1		
	80	7	7	7	7	6	6	6	6	6	5	5	5	4	3	3	2							
Shut-off PSI		257	248	239	231	222	213	205	196	187	179	161	153	135	118	109	92	75	58	49				

Shut-off 614 ft.

HP	PSI	20	40	60	80	100	120	140	160	180	200	240	260	300	340	360	400	440	480	500	600	700	800
1-1/2	0													7	7	7	6	6	6	6	5	3	
	20													7	7	7	6	6	6	5	5	4	3
	30													7	7	7	6	6	6	5	5	4	
	40													7	7	7	6	6	6	6	5	5	4
	50													7	7	7	6	6	6	5	5	5	4
	60													7	7	7	6	6	6	5	5	4	4
	80													7	7	7	6	6	6	5	5	4	4
Shut-off PSI		351	343	334	325	317	308	300	291	282	274	256	248	230	213	204	187	170	152	144	100	57	

Shut-off 833 ft.

NOTES:

1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage

# Capacities in U.S. Gallons per Minute 8 GPM

Depth to Pumping Water Level, or Lift, in Feet  
Shaded Areas Indicate Most Efficient Performance

HP	PSI	20	40	60	80	100	140	180	200	240	280	300	340	380	400	440	480	500	600	700	600	700	800
1/2	0						11	10	9	6													
	10					12	10	9	7	3													
	20				12	11	9	7	5														
	30			12	11	10	8	5	2														
	40		11	10	10	9	7	1															
	50	11	10	10	9	8	4																
	60	10	10	9	8	6																	
	70	10	9	8	6	3																	
	80	9	7	5	2																		
Shut-off PSI		110	102	93	84	76	58	41	32	15													

Shut-off 265 ft.

HP	PSI	20	40	60	80	100	120	140	160	180	200	240	260	300	340	360	400	440	480	500	600	700	800
3/4	0							11	10	10	9	8	4										
	10						12	10	10	9	7	6											
	20						11	10	9	8	5	3											
	30					12	10	9	9	7	2												
	40				12	11	10	9	8	5													
	50			11	11	10	9	8	6	1													
	60	12	11	10	10	10	9	6	4														
	70	11	10	10	10	9	7	4															
	80	10	10	9	9	8	6																
Shut-off PSI		149	140	132	123	114	97	80	71	54	36	28	10										

Shut-off 350 ft.

HP	PSI	20	40	60	80	100	120	140	160	180	200	240	260	300	340	360	400	440	480	500	600	700	800
1	0									12	10	10	9	8	7	5	2						
	10							11	11	10	9	9	7	5	4								
	20							11	10	9	9	8	6	3	1								
	30						11	10	10	9	8	7	5	1									
	40					12	11	9	9	8	7	6	3										
	50				12	11	10	9	9	8	6	4											
	60			12	11	10	10	9	8	7	4	2											
	70		12	11	10	10	9	8	7	5	2												
	80	11	11	10	10	10	9	7	6	3													
Shut-off PSI		188	180	171	162	154	136	119	110	93	76	67	50	32	24	6							

Shut-off 430 ft.

HP	PSI	20	40	60	80	100	120	140	160	180	200	240	260	300	340	360	400	440	480	500	600	700	800
1-1/2	0										11	11	10	9	9	9	8	7	2				
	10										11	10	10	9	9	8	7	7					
	20									12	11	10	10	9	9	8	6	6					
	30									11	10	10	9	9	8	7	5	4					
	40							11	11	10	10	9	9	8	8	6	4	3					
	50							11	10	10	9	9	8	8	7	5	3	1					
	60							11	10	10	10	9	9	8	7	6	4	1					
	70					12	11	10	10	9	9	8	7	6	5	2							
	80				12	11	10	10	9	9	8	8	7	5	3								
Shut-off PSI					236	227	210	193	184	167	149	141	123	106	97	80	63	54	11				

Shut-off 612 ft.

NOTES:

1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage

# Specifications

## Capacities in U.S. Gallons per Minute 12 GPM

Depth to Pumping Water Level, or Lift, in Feet  
Shaded Areas Indicate Most Efficient Performance

HP	PSI	20	40	60	80	100	140	180	200	240	280	300	340	380	400	440	480	500	600	700	600	700	800
1/2	0		19	18	17	16	14	12	7														
	10	19	18	17	16	15	12	7	2														
	20	18	16	16	15	13	9	2															
	30	16	15	14	13	11	5																
	40	15	14	13	11	8																	
	50	14	13	11	8	4																	
	60	12	10	7	3																		
	70	10	7	3																			
	80	6	2																				
Shut-off PSI		91	82	74	65	56	39	22	13														

Shut-off 231 ft.

HP	PSI	20	40	60	80	100	120	140	160	180	200	240	260	300	340	360	400	440	480	500	600	700	800
3/4	0		20	19	18	17	15	14	13	9	3												
	10	20	19	18	17	16	15	13	11	6													
	20	18	17	17	16	15	14	11	8	2													
	30	17	17	16	15	14	12	8	2														
	40	16	16	15	14	13	10	5	1														
	50	16	15	14	13	12	7																
	60	15	14	13	11	9	4																
	70	14	13	11	9	6																	
	80	12	11	9	6	3																	
Shut-off PSI		118	109	100	92	83	66	48	40	23	5												

Shut-off 291 ft.

HP	PSI	20	40	60	80	100	120	140	160	180	200	240	260	300	340	360	400	440	480	500	600	700	800
1	0			20	19	18	17	16	15	14	12	10	7	3									
	10		20	19	18	17	16	15	14	12	10	9	5										
	20	20	19	18	17	17	16	14	13	11	8	7	2										
	30	19	18	17	17	16	15	13	12	10	6	4											
	40	18	17	17	16	15	14	12	11	8	4	1											
	50	17	16	16	15	15	13	11	9	6	1												
	60	16	16	15	14	14	12	9	7	3													
	70	16	15	14	13	13	10	7	5														
	80	15	14	13	12	11	8	5	2														
Shut-off PSI		165	156	147	139	130	113	85	87	69	52	43	26	9									

Shut-off 399 ft.

HP	PSI	20	40	60	80	100	120	140	160	180	200	240	260	300	340	360	400	440	480	500	600	700	800
1-1/2	0				20	19	18	17	17	16	15	14	13	12	11	9	7	5					
	10			20	19	18	17	16	16	15	14	14	13	11	10	8	5	3					
	20		20	19	18	18	17	16	16	15	14	13	12	10	9	6	3						
	30	20	19	18	18	17	16	16	15	14	13	12	11	9	7	4							
	40	19	18	18	17	17	16	15	15	14	12	12	10	7	6	2							
	50	18	18	17	17	16	15	15	14	13	11	10	8	5	4								
	60	17	17	17	16	16	15	14	13	12	10	9	7	3	1								
	70	17	16	16	16	15	14	13	13	11	9	8	5	1									
	80	16	16	16	15	15	14	13	12	10	8	6	3										
Shut-off PSI		227	219	210	201	193	175	158	149	132	115	106	89	71	68	45	28	19					

Shut-off 545 ft.

**NOTES:**

1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage

# Capacities in U.S. Gallons per Minute 22 GPM

Depth to Pumping Water Level, or Lift, in Feet  
Shaded Areas Indicate Most Efficient Performance

HP	PSI	20	40	60	80	100	140	180	200	240	280	300	340	380	400	440	480	500	600	700	800
1/2	0				29	25	14														
	10		32	28	25	21															
	20	32	28	24	20	11															
	30	27	24	19	9																
	40	23	18	7																	
	50	16	5																		
	60	3																			
	70																				
	80																				
Shut-off PSI		61	52	43	35	26	9														

Shut-off 159 ft.

HP	PSI	20	40	60	80	100	120	140	160	180	200	240	260	300	340	360	400	440	480	500	600	700	800
3/4	0					30	25	19	13														
	10			33	29	27	23	12	2														
	20		32	29	27	25	18																
	30	31	28	26	24	22	9																
	40	28	26	24	21	16																	
	50	26	24	20	15	6																	
	60	23	20	14	4																		
	70	19	12	3																			
	80	11	1																				
Shut-off PSI		87	79	70	61	53	35	18	10														

Shut-off 221 ft.

HP	PSI	20	40	60	80	100	120	140	160	180	200	240	260	300	340	360	400	440	480	500	600	700	800
1	0						28	25	23	16	4												
	10				33	30	26	23	20	10													
	20			32	30	28	24	19	15	2													
	30		32	29	28	26	22	14	8														
	40	31	29	27	26	24	18	7															
	50	29	27	25	23	21	13																
	60	27	25	23	20	17	5																
	70	25	23	20	16	11																	
	80	22	19	15	10	2																	
Shut-off PSI		116	107	99	90	81	64	47	38	21	3												

Shut-off 288 ft.

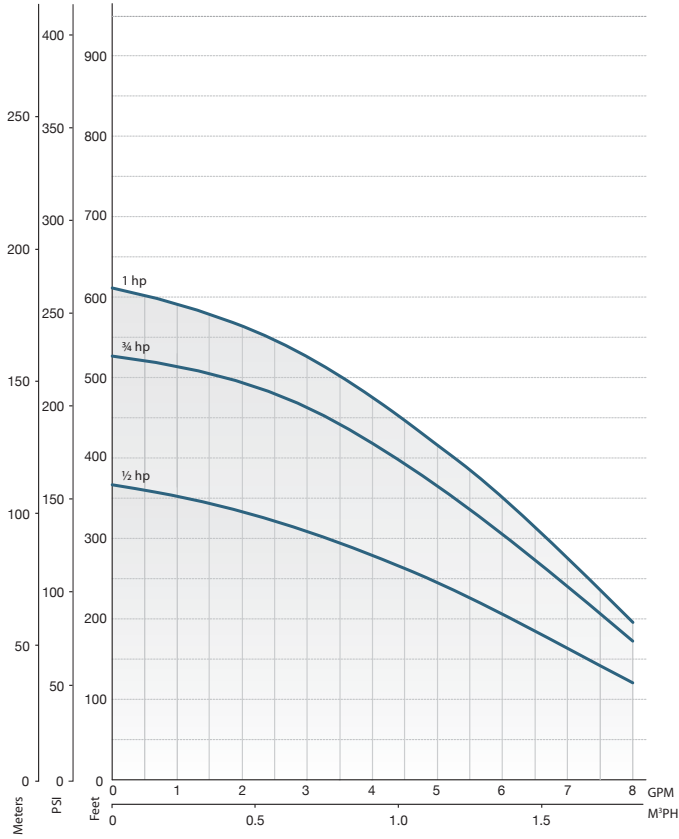
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1-1/2	0						32	28	27	24	20	16	6										
	10						29	26	25	22	16	11											
	20					31	28	25	24	19	10	3											
	30				31	29	26	23	21	17	2												
	40		33	30	28	27	25	21	18	8													
	50	32	30	28	27	26	23	17	13														
	60	30	28	27	26	24	20	12	6														
	70	28	27	25	24	22	16	5															
	80	26	25	24	22	19	10																
Shut-off PSI		143	134	126	117	108	91	74	65	48	30	22	4										

Shut-off 351 ft.

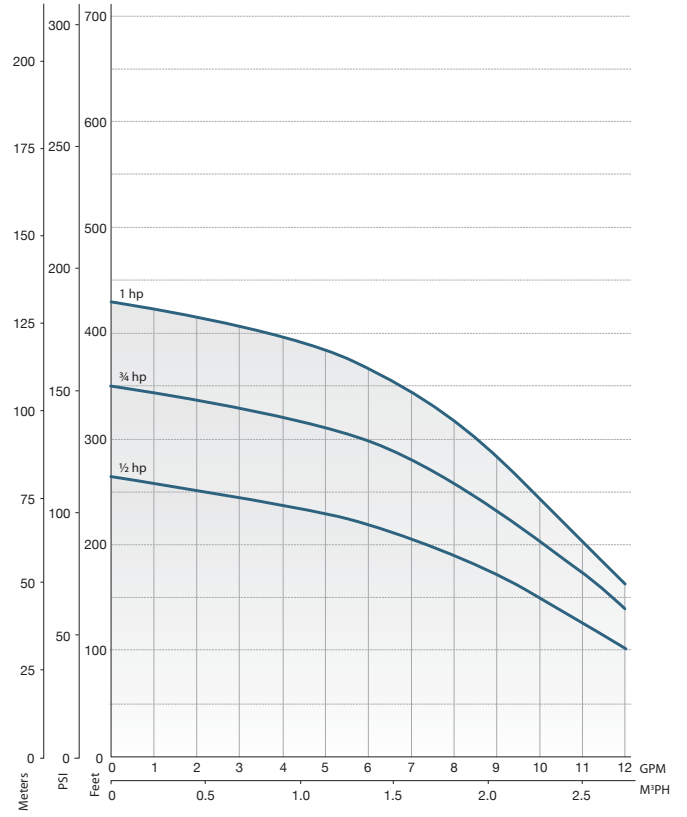
NOTES:

1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage

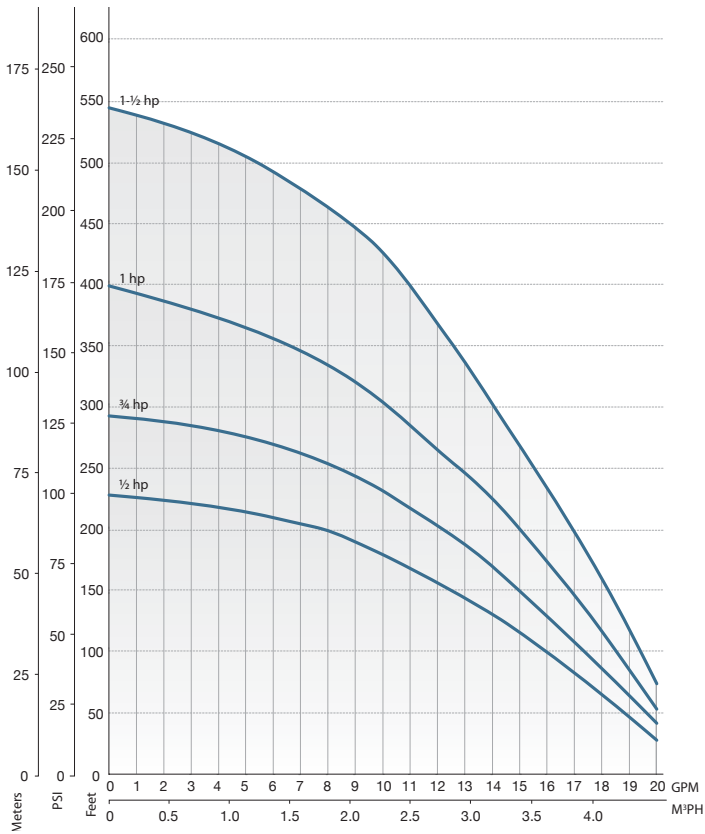
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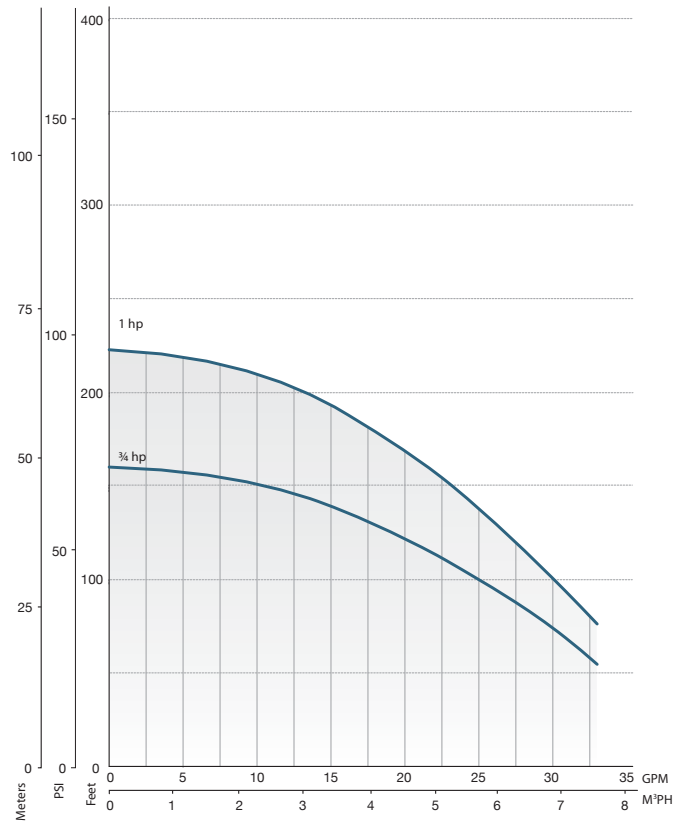
**5 GPM**



**8 GPM**

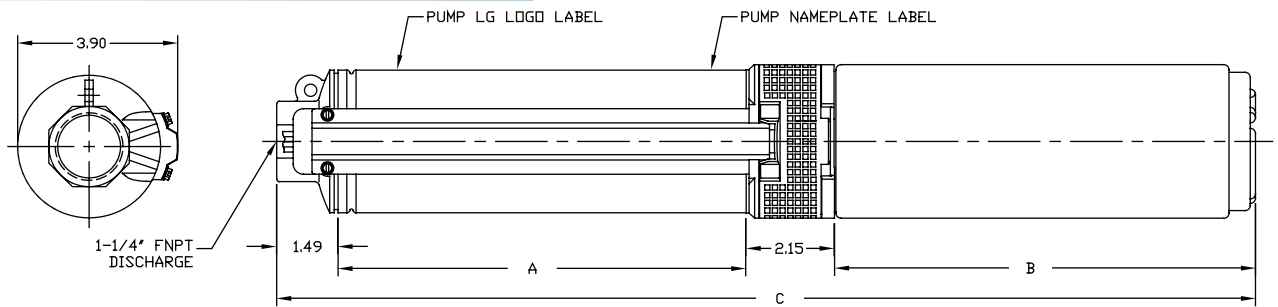


**12 GPM**

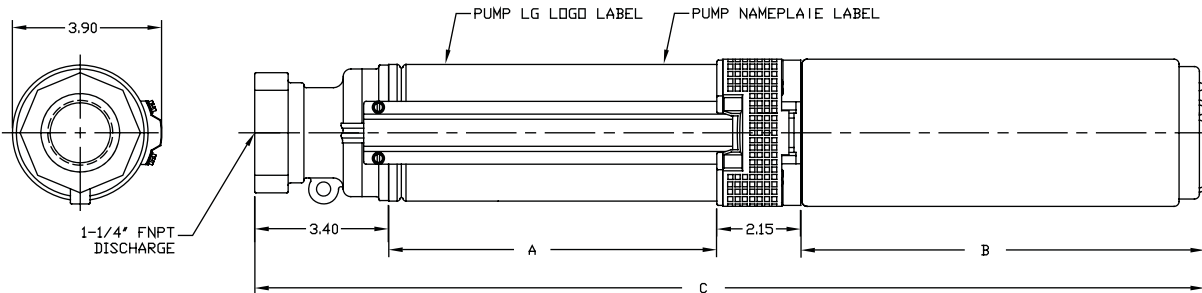


**22 GPM**

# Dimensional Data



Item	Model	GPM	Dimension "A"	Dimension "B"	Dimension "C"	Quick Disconnect Control Box (QD)
555575	W5G05S13-21S	5	13.75	9.51	26.90	-
558576	W5G07S18-22S	5	16.00	10.64	32.17	-
558577	W5G10S21-22S	5	20.09	11.73	35.46	-
558578	W5G05S13-32S	5	13.75	9.51	26.90	558814
558579	W5G07S18-32S	5	17.71	10.64	36.63	558823
558580	W5G10S21-32S	5	20.09	11.73	35.46	558833
558581	W8G05S9-21S	8	10.55	9.51	23.70	-
558582	W8G05S9-22S	8	10.55	9.51	23.70	-
558583	W8G07S12-22S	8	12.92	10.64	27.20	-
558584	W8G10S15-22S	8	15.29	11.73	30.66	-
558585	W8G05S9-32S	8	10.55	9.51	23.70	558814
558586	W807S12-32S	8	12.92	10.64	27.20	558823
558587	W8G10S15-32S	8	15.29	11.73	30.66	558833
558588	W12G05S7-21S	12	8.97	9.51	22.12	-
558589	W12G05S7-22S	12	8.97	9.51	22.12	-
558590	W12G07S9-22S	12	10.55	10.64	24.83	-
558591	W12G10S12-22S	12	12.92	11.73	28.29	-
558592	W12G15S17-22S	12	16.87	15.1	35.61	-
558593	W12G05S7-32S	12	8.97	9.51	22.12	558414
558594	W12G07S9-32S	12	10.55	10.64	24.83	558823
558595	W12G10S12-32S	12	12.92	11.73	28.29	558833
558596	W12G15S17-32S	12	16.87	13.6	34.11	558842
558597	W22G10S7-22S	22	10.84	11.73	26.11	-
558598	W22G10S7-32S	22	10.84	11.73	26.21	558834



Item	Model	GPM	Dimension "A"	Dimension "B"	Dimension "C"	Quick Disconnect Control Box (QD)
558551	W5G05S13-21P	5	12.03	9.51	27.07	-
558554	W5G05S13-32P	5	12.03	9.51	27.07	558814
558552	W5G07S18-22P	5	16.00	10.64	32.17	-
558555	W5G07S18-32P	5	16.00	10.64	32.17	558823
558553	W5G10S21-22P	5	18.37	11.73	36.63	-
558556	W5G10S21-32P	5	18.00	11.73	35.63	558833
558557	W8G05S9-21P	8	8.83	9.51	23.87	-
558558	W8G05S9-22P	8	8.83	9.51	23.87	-
558561	W8G05S9-32P	8	8.83	9.51	23.87	558814
558559	W8G07S12-22P	8	11.20	10.64	27.37	-
558562	W8G07S12-32P	8	11.20	10.64	27.37	558823
558560	W8G10S15-22P	8	13.57	11.73	30.83	-
558563	W8G10S15-32P	8	13.57	11.73	30.83	558833
558564	W12G05S7-21P	12	7.25	9.51	22.29	-
558565	W12G05S7-22P	12	7.25	9.51	22.29	-
558569	W12G05S7-32P	12	7.25	9.51	22.29	558814
558566	W12G07S9-22P	12	8.83	10.64	25.00	-
558570	W12G07S9-32P	12	8.83	10.64	25.00	558823
558567	W12G10S12-22P	12	11.20	11.73	28.46	-
558571	W12G10S12-32P	12	11.20	11.73	28.46	558833
558568	W12G15S17-22P	12	15.15	15.10	35.78	-
558572	W12G15S17-32P	12	15.15	13.60	34.28	-
558573	W22G10S7-22P	22	9.13	11.73	26.39	-
558574	W22G10S7-32P	22	9.13	11.73	26.39	558833



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