

PENTEK Intellikit™

The Pentek Intellidrive Constant Pressure Controller automatically adjusts motor speeds to meet changes in water demand. Instantaneous feedback from an electronic pressure transducer instructs the drive to change the submersible well pump motor speed to maintain constant pressure throughout the system.

- Pre-Specified and Packaged Constant Pressure Systems for Residential Well Water
- Maintain constant water pressure for submersible well pump systems, similar to municipal water systems

KIT CONTAINS:

- Pentek® Submersible Motor
- Myers® Submersible Pump
- Pentek Intellidrive Variable Frequency Drive



1 Pentek Submersible Motor

- Built with the latest design, manufacturing and testing technology
- Encapsulated stainless steel design and professional-grade insulation provide longer life in harsh environments
- 100% factory pressure- and run-tested

2 Myers Submersible Pump

- Submersible pumps deliver efficient and dependable performance even in rough, aggressive water
- One of the few manufacturers of both pumps and pressurized water storage tanks, now sold in over 100 countries

3 Pentek Intellidrive Variable Frequency Drive

- Maintains constant pressure output regardless of fluctuating demand
- Extends life of pump and motor
- Utilizes a smaller pressure tank for a space-saving solution

ORDERING INFORMATION

60Hz NEMA 3 Kits

Order Number	Flow Series	HP	Shut-Off Head	At Rated Flow	at Max Runout		Pump	Drive	Motor
			TDH (ft)	TDH (ft)	Flow (GPM)	TDH (ft)			
M5PIK10-60	5	1HP	610	495	8	200	ST10-5PLUS	PID10	P43B0010A3-C
M5PIK15-60	5	1.5HP	865	670	8	295	ST15-5PLUS	PID20	P43B0015A3-C
M8PIK10-60	8	1HP	495	375	11	240	ST10-8PLUS	PID10	P43B0010A3-C
M8PIK15-60	8	1.5HP	650	495	11	315	ST15-8 PLUS	PID20	P43B0015A3-C
M8PIK20-60	8	2HP	795	590	11	390	ST20-8 PLUS	PID20	P43B0020A3-C
M12PIK10-60	12	1HP	390	275	15	205	ST10-12PLUS	PID10	P43B0010A3-C
M12PIK15-60	12	1.5HP	575	385	15	300	ST15-12 PLUS	PID20	P43B0015A3-C
M12PIK20-60	12	2HP	630	450	15	330	ST20-12 PLUS	PID20	P43B0020A3-C
M12PIK30-60	12	3HP	890	610	15	460	ST30-12 PLUS	PID50	P43B0030A3-C
M20PIK10-60	20	1HP	280	175	25	100	ST10-20PLUS	PID10	P43B0010A3-C
M20PIK15-60	20	1.5HP	375	245	25	150	ST15-20 PLUS	PID20	P43B0015A3-C
M20PIK20-60	20	2.0HP	470	298	25	190	ST20-20 PLUS	PID20	P43B0020A3-C
M20PIK30-60	20	3.0HP	600	390	25	220	ST30-20 PLUS	PID50	P43B0030A3-C
M25PIK15-60	25	1.5 HP	270	170	25	105	ST15-25 PLUS	PID20	P43B0015A3-C
M25PIK20-60	25	2.0HP	310	210	35	170	SS20-25	PID20	P43B0020A3-C
M25PIK30-60	25	3.0HP	445	310	35	220	SS30-25	PID50	P43B0030A3-C
M35PIK15-60	35	1.5HP	175	105	50	75	SS15-35	PID20	P43B0015A3-C
M35PIK20-60	35	2.0HP	210	190	50	115	SS20-35	PID20	P43B0020A3-C
M35PIK30-60	35	3.0HP	305	205	50	150	SS30-35	PID50	P43B0030A3-C
M50PIK15-60	50	1.5HP	170	100	65	80	SS15-50	PID20	P43B0015A3-C
M50PIK20-60	50	2.0HP	205	125	65	90	SS20-50	PID20	P43B0020A3-C
M50PIK30-60	50	3.0HP	295	175	65	110	SS30-50	PID50	P43B0030A3-C

80Hz NEMA 3 Kits

M8PIK15-80	8	1.5HP	650	495	11	315	ST7-8 PLUS	PID20	P43B0015A3-C
M8PIK20-80	8	2HP	795	590	11	390	ST10-8 PLUS	PID20	P43B0020A3-C
M8PIK30-80	8	3HP	1090	800	11	530	ST15-8 PLUS	PID50	P43B0030A3-C
M12PIK15-80	12	1.5HP	575	385	15	300	ST7-12 PLUS	PID20	P43B0015A3-C
M12PIK20-80	12	2HP	630	450	15	330	ST10-12 PLUS	PID20	P43B0020A3-C
M12PIK30-80	12	3HP	890	610	15	460	ST15-12 PLUS	PID50	P43B0030A3-C
M20PIK15-80	20	1.5HP	375	245	25	150	ST7-20 PLUS	PID20	P43B0015A3-C
M20PIK20-80	20	2.0HP	470	298	25	190	ST10-20 PLUS	PID20	P43B0020A3-C
M20PIK30-80	20	3.0HP	600	390	25	220	ST15-20 PLUS	PID50	P43B0030A3-C
M25PIK20-80	25	2.0 HP	318	226	25	185	ST10-25 PLUS	PID20	P43B0020A3-C
M25PIK30-80	25	3.0 HP	435	316	25	220	ST15-25 PLUS	PID50	P43B0030A3-C
M35PIK20-80	35	2.0HP	210	190	50	115	SS10-35	PID20	P43B0020A3-C
M35PIK30-80	35	3.0HP	305	205	50	150	SS15-35	PID50	P43B0030A3-C
M50PIK30-80	50	3.0HP	295	175	65	110	SS15-50	PID50	P43B0030A3-C
M80PIK30-80	80	3.0HP	205	100	100	55	SS20-80	PID50	P43B0030A3-C

Note:

80Hz Kits utilize an undersized liquid end running at higher speed to match pump performance of the curve equivalent to the driving motor. Maximum life expectancy of the liquid end is obtained using 60Hz solutions.