

INTELLIGENT PRESSURE CONTROL

The PENTEK® INTELLIDRIVE™ is a water pressure management system that works with your home's well pump to maintain constant water pressure regardless of how many people or applications are using water at the same time.

PRODUCT RANGE

Input	Output	Horsepower
230V 1-Phase	230V 1-Phase 2-Wire	1/2 - 3/4 HP
	230V 1-Phase 3-Wire	1/2 - 2 HP
	230V 3-Phase 3-Wire	1/2 - 3 HP

1-PHASE 2-WIRE OR 3-WIRE COMPATIBLE

3-PHASE SUITABLE FOR SUBMERSIBLE OR ABOVE GROUND APPLICATIONS

FEATURES:

- **Active Power Correction:**
 - Input voltage range 190V - 265V 1-Phase
 - Constant output voltage for 230V motor
- **Built-In Pump/Motor Protection**
 - Extends life of your investment
- **Keypad with LCD Display**
 - Real time status indication
 - Local pump control

PENTEK INTELLIDRIVE APPLICATIONS:

Residential Water Systems:

Maintain pressure similar to municipal water systems

Landscape Irrigation

Maintain constant pressure with consistent spray pattern, every time, when run off home water system

Pool and Spa Filling

Maintain constant pressure during high-volume filling application

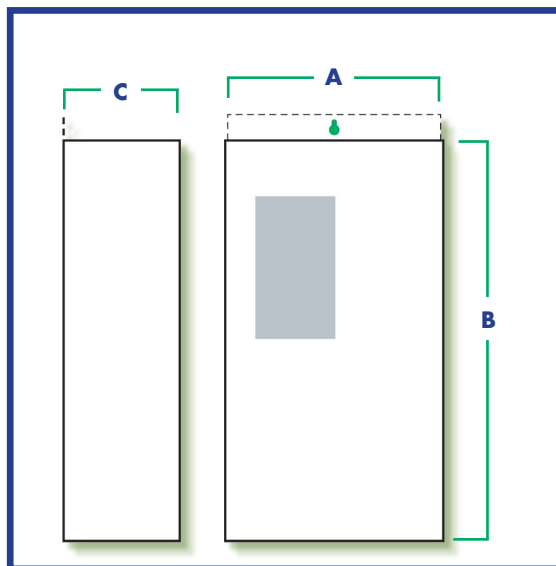


For Residential Well Water



CONTROL CENTER DIMENSIONS AND SPECIFICATIONS

PID SERIES VARIABLE FREQUENCY DRIVES		
Enclosure Width (A)	Enclosure Height (B)	Enclosure Depth (C)
9.25"	17.5"	6.0"
Carton Dimension	10.4" W • 22.3" H • 9.4"D	
Shipping Weight	22lb	
Ambient Temperature Range	-20°C (-4F) to 40°C (104F)	
Ambient Humidity Range	95% non-condensing	



PID SERIES VARIABLE FREQUENCY DRIVES			▶ 1-Phase Input / 1-Phase Output		
PART NUMBERS	MOTOR TYPE	MAXIMUM HP	INPUT VOLTAGE	MAXIMUM OUPUT AMPS	ENCLOSURE TYPE
PID-6-9A7-1	*2-Wire • 1-Phase	3/4 HP	190V – 265V	9.7A	NEMA 1 indoor
	3-Wire • 1-Phase	1 HP			
PID-6-9A7-3	*2-Wire • 1-Phase	3/4 HP	190V – 265V	9.7A	NEMA 3R outdoor
	3-Wire • 1-Phase	1 HP			
PID-6-12A2-1	*2-Wire • 1-Phase	3/4 HP	190V – 265V	12.2A	NEMA 1 indoor
	3-Wire • 1-Phase	2 HP			
PID-6-12A2-3	*2-Wire • 1-Phase	3/4 HP	190V – 265V	12.2A	NEMA 3R outdoor
	3-Wire • 1-Phase	2 HP			

*Only compatible with PENTEK brand 2-Wire motors.

PID SERIES VARIABLE FREQUENCY DRIVES			▶ 1-Phase Input / 3-Phase Output		
PART NUMBERS	MOTOR TYPE*	MAXIMUM HP	INPUT VOLTAGE	MAXIMUM OUPUT AMPS	ENCLOSURE TYPE
	3-Wire 3-Phase				
PID-1-4A7-1	✓	1 HP	190V – 265V	4.7A	NEMA 1 indoor
PID-1-4A7-3	✓	1 HP	190V – 265V	4.7A	NEMA 3R outdoor
PID-1-7A6-1	✓	2 HP	190V – 265V	7.6A	NEMA 1 indoor
PID-1-7A6-3	✓	2 HP	190V – 265V	7.6A	NEMA 3R outdoor
PID-1-10A1-1	✓	3 HP	190V – 265V	10.1A	NEMA 1 indoor
PID-1-10A1-3	✓	3 HP	190V – 265V	10.1A	NEMA 3R outdoor

*Submersible or above ground applications



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Specifications are subject to change.

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