



60 Hz

AUTOMATIC PRESSURIZATION SYSTEM WITH INVERTER





AUTOMATIC PRESSURIZATION SYSTEM WITH INVERTER



- CLEAN WATER
- RESIDENTIAL
- AGRICULTURAL
- INDUSTRIAL

■ INSTALLATION AND USE

- **DG PED** is an automatic pressure boosting system which integrates a high efficiency self-priming pump, an expansion tank, pressure and flow rate sensors, and a non-return safety valve.
- **DG PED** is a compact, autonomous, quiet and high performance pumping system.
- **DG PED** is a sophisticated electronically controlled variable speed controller, at the heart of the system, in an intuitive way.
 - Maintains constant pressure of the system by regulating the speed of the pump in accordance with the required flow rate requirements.
 - Controls the hydraulic and electric operating parameters and protects the pump from performance issues.
 - Can be equipped with an expansion card that makes it possible to work in parallel with additional DG PED pumping units by managing input and output signals.
 - Limits the starting and operating power in order to provide a greater energy savings.

	DG PED 3 (115 V/230 V)	DG PED 5 (230 V)
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PERFORMANCE RANGE		
Max. Flow	17 GPM	31.7 GPM
Max. Head	147.6 ft.	180.4 ft.
APPLICATION LIMITS		
Max. Suction Lift	26 ft.	
Manometric Suction Lift	11 PSI	
Liquid and Ambient Temp.	32°F - 104°F	
Max. Working Pressure	145 PSI	
Min. Working Pressure	15 PSI	
Max. Absorbed Current	10 A/7.6 A	10 A
Max. Absorbed Power	1.2 HP/1.3 HP	2.0 HP
Continuous Duty Rating	S1	
Operation Position	Vertical	

■ CERTIFICATIONS



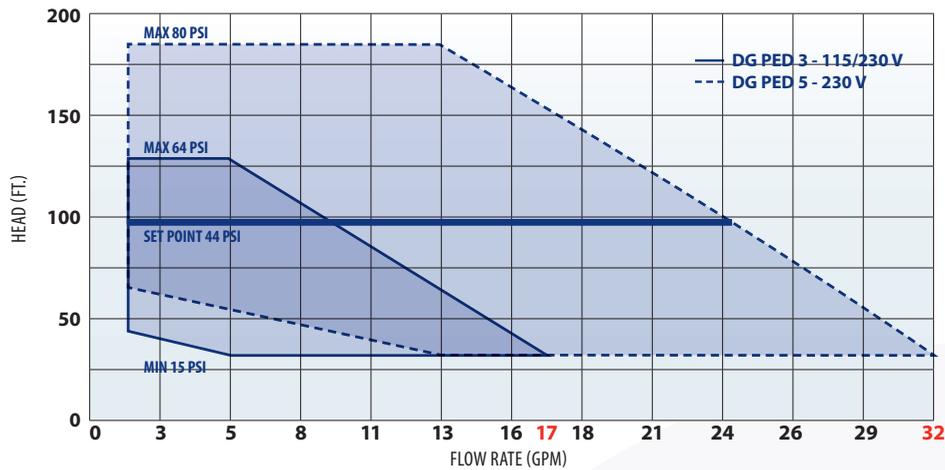
COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =



FROM INSTALLATION DATE

CURVES AND PERFORMANCE DATA

60 Hz



MODEL	ORDER MODEL	MOTOR SIZE			MAX PERFORMANCES		PERFORMANCES (ADJUSTABLE SET POINT)					
							MIN. SET POINT		SET POINT STANDING		MAX. SET POINT	
SINGLE-PHASE		kW	HP	EFF	GPM	Head (ft.)	PSI	GPM	PSI	GPM	PSI	GPM
DG PED 3* (115/230 V)	KDGP03U2CNRN	.55	3/4	IE3	1.5 - 17.0	147.6 - 32.8	15	5 - 17	44	1.5 - 9.6	64	1.5 - 4.5
DG PED 5 (230 V)	KDGP05P7CNRN	1.10	1-1/2		1.3 - 31.7	180.4 - 32.8	15	13.2 - 31.7	44	1.30 - 24.3	80	1.3 - 13.2

*Dual Voltage, refer to manual for wiring

FEATURES



ALL IN ONE

- Multistage self-priming pump
- Expansion vessel
- Non-return valve
- Intuitive control panel



LOW-NOISE



CONSTANT PRESSURE



EASY TO USE



COMPACT DIMENSIONS



INSTALL ANYWHERE

Thanks to its compact design and low noise level, the DG PED can be installed anywhere.



DOMESTIC USE

A single DG PED meets the requirements of single apartments or small houses.

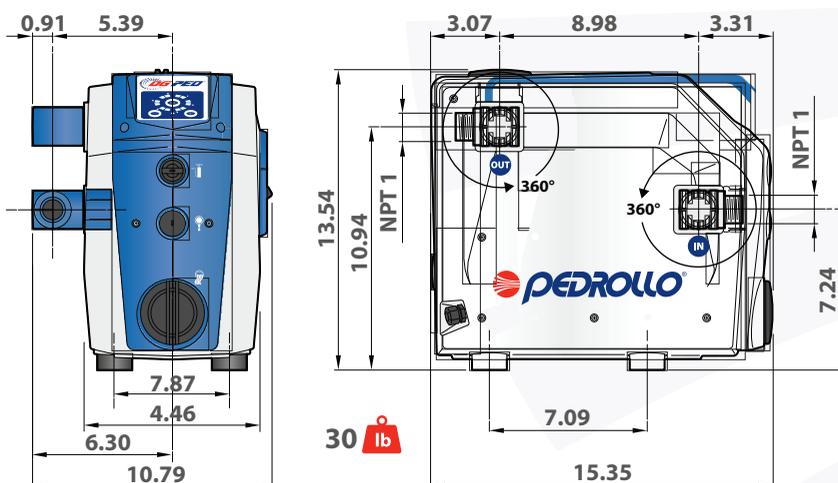


RESIDENTIAL USE

Two DG PEDs assembled as a set meet the requirements of more than one apartment.



DIMENSIONS AND WEIGHT



OPTIONAL ACCESSORIES



ASKITDGP01
Connection kit for two DG PED units



ASKITDGP02
Kit for wall-mounting a single DG PED



ASKITDGP04
Electronic expansion circuit board



ASKITDGP03
Kit for wall-mounting a group of two units



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