

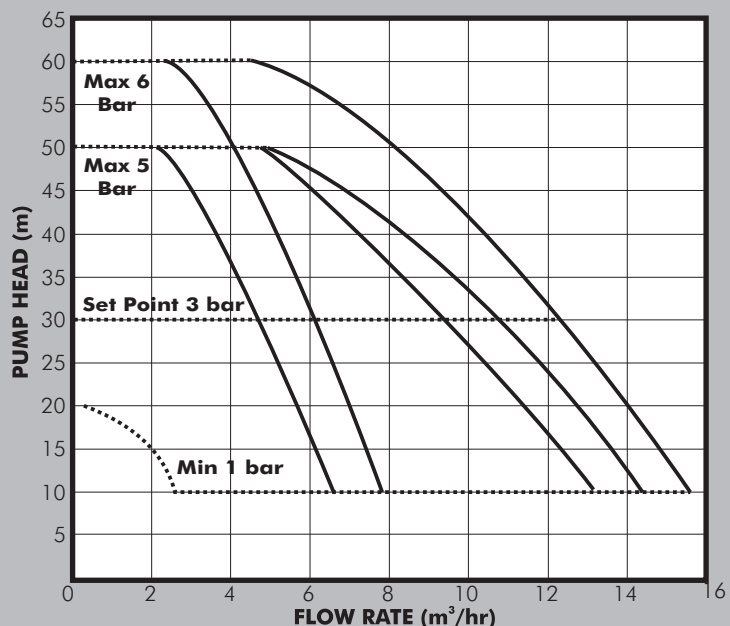


PEDROLLO



DG BLU

Electronic Pressure Booster Systems



PUMP

Pedrollo DG BLU is an advanced integrated automatic water pressurizing system designed for domestic and small scale water supply applications. The high efficiency self-priming pump is inverter controlled and the system is provided with an inbuilt pressure vessel and electronic control that regulates performance and also provides various protective functions. Particular features are:-

- Compact easy-to-install low noise booster system that provides constant pressure at fluctuating demand rates. The pressure setting is adjustable between 1-5Bar for DG-BLU 3 and 1-6 Bar for DG-BLU 5 (factory set 3Bar). For extended operating period (2.5-4.5Bar)
- Fully automatic control with protection for low voltage, electrical overload and dry running.
- Parallel connection for duty assist and stand by operations through an optional expansion card and parallel kit
- Can be installed anywhere including unventilated spaces due to water cooled pump design.
- Reduced power consumption with lower start up and running currents, achieving greater energy efficiency

Pedrollo DG BLU has many advantages over conventional water boosting systems due to its compactness, efficiency and advanced control and monitoring features. It is thoroughly engineered to the usual high Pedrollo standards and once installed will provide seamless water supply over many years of reliable operation.

Enclosure Class: IPX4

Insulation Class: F

Voltage: 1X240V $\pm 10\%$

OPERATING CONDITIONS

Pumped liquid: Thin, clean, chemically non aggressive water without particles or fibers. Cartridge pre-filtration is required to remove any impurities

Maximum Operating Pressure: 10bar

Maximum Ambient Temperature: 40°C

Maximum Liquid Temperature: 40°C

Operating Position: Vertical

Minimum Suction Lift: 8m

PUMP DATA

Model	Motor (kW)	Max Current (A)	Inlet/Outlet (")	Weight (kg)
DG BLU 3	0.75	7.5	1"	17
DG BLU 5	1.1	10		18
DUAL DG BLU 3+3	1.5	1.5		43
DUAL DG BLU 3+5	1.85	1.85		44
DUAL DG BLU 5+5	2.2	20		45

