

PENTEK INTELLIDRIVE

CONSTANT PRESSURE CONTROLLER

VARIABLE FREQUENCY DRIVE



PID



FEATURES & BENEFITS

True constant pressure - eliminates annoying fluctuations in pressure.

“Soft Start / Coast to Stop” feature minimises mechanical stress.

Large energy savings potential with motor running at required demand speed as opposed to standard fixed speed.

Prevents cycling (start/stop) of a traditional pressure switch system.

Easy menu navigation and system operation due to clear and simple operator interface.

Best in industry EMI/RFI filters to eliminate potential interference.

‘Dry-run’ and ‘pipe-break’ protection.

APPLICATIONS

Use your rainwater for:

- the washing machine,
- toilet flushing,
- car washing,
- garden watering.

SCOPE OF SUPPLY

- Variable Frequency Drive.
- Pressure Transducer.
- Pressure Transducer Cable.

OPERATING CONDITIONS

Operating range: 2-wire.
 3-wire.
 3-phase.
 3-phase output - 50Hz.

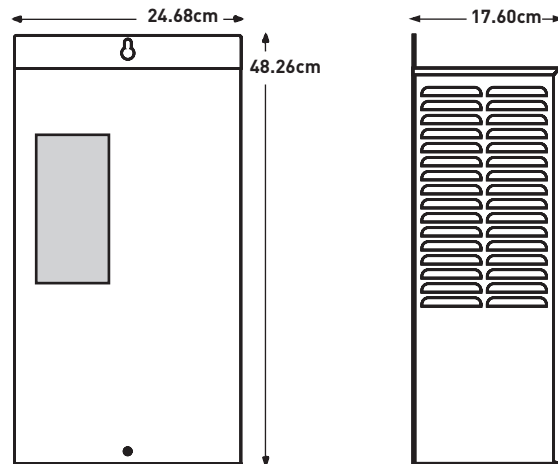
Maximum ambient temperature: 50°C.
 Minimum ambient temperature: -20°C.
 Maximum humidity: 95% non-condensing.

ELECTRICAL DATA

Type	Motor type	HP range	Voltage ± 10%	Maximum oupt amps	Enclosure type
PID	2-wire* 1-phase	0.5-1.5 HP	230	11 A	NEMA 3R outdoor
	3-wire* 1-phase	0.5-2 HP		13.5 A	
	3-phase			8.5 A	

DIMENSIONS

Type	Unit W x D x H	Packed W x D x H	Packed weight approx.	Transducer	Transducer cable	Conduit openings
PID20	24.68 x 17.60 x 48.26 cm	26.41 x 23.87 x 56.64 cm	10 kg	6.35mm thread size, 18 NPT	3.0m	1/2", 3/4" or 1 1/4"



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