

PENTEK INTELLIDRIVE

CONSTANT PRESSURE CONTROLLER

VARIABLE FREQUENCY DRIVE



FEATURES

- 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.

INTELLIMASTER - Technical Data

ENGINE DATA

Type	Motor Type	HP Range	Voltage ± 10%	Maximum oupt amps	Enclsure 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"

