

Pluviometer

Applications :

PARATRONIC pluviometers are used to measure precipitation heights collected at ground level. They enable sewage network manager and flood forecasting administrators to quantify and anticipate critical meteorological phenomena.

Simple and effective :

PARATRONIC PLVs use a double filtering trough technology. The measurement of the increase in volume corresponding to 0.2 mm of rain (or 0.1 mm on request) is produced using a «REED» type magnetic contact. The material used allows the device to be used and to withstand extreme conditions, and a great longevity

Reliable and upgradeable :

Various accessories such as blanking flanges and filters on discharge vents maximise the quality of the measurement. Different options such as thermostatically-controlled heating, anti-perching device or stand are available for specific uses. The PLV benefits of the PARATRONIC warranty including lightning risks..

Available :

- Large stock of all models.
- Constant technical availability to meet your requirements.



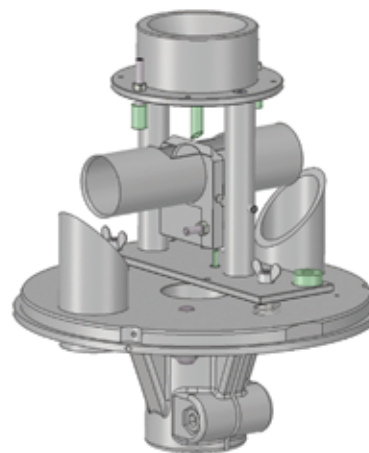
C106A-0519

PLV400

PLV1000

	PLV400	PLV1000
Ring surface area	400 cm ²	1000 cm ²
Power supply	Does not require any power supply (excluding heating option 24 V AC or 24V=)	Does not require any power supply (excluding heating option 24 V AC)
Power of the heating option	130W	450 W
Calibration and setting	In factory and calibration screw	In factory and calibration screw
Output	Contact 10Vac / 15Vdc 250mA	Contact 10Vac / 15Vdc 250mA
Connection	Screw terminal	Screw terminal
Increment volume	0.2 mm of rain or the equivalent in melted snow	0.2 mm of rain or the equivalent in melted snow (0.1 mm optionally available)
Measurement uncertainty	< 1% per 50 mm/h (setting current)	< 1% per 50 mm/h (setting current)
Operating temperature	- 20°C /+ 60°C (if heating option)	- 30°C / +60°C with heating option
Storage temperature	- 20°C /+ 60°C	- 20°C /+ 60°C
Lightening protection system (1)	PRO CEMPLUIED + PRO TAS3016A (if heating option)	PRO CEMPLUIED + PRO TAS3016A (if heating option)
Standard equipment	Pollen filter, insect caps, Level Bubble	Pollen filter, drip break ring, insect caps,
Optional accessories	Heating, anti-perching device, stand	Heating, anti-perching device, stand
Protection	IP 54	IP 54
Installation and fixing	Female flange dia. 50 mm. Optional on stand	Optional: on stand dia. 60 mm
Material	Anodised aluminium majority, stainless steel threaded fasteners	Anodised aluminium, stainless steel threaded fasteners
Dimensions	dia. 234, height 460 mm	dia. 437, height 872 mm
Weight	5,2 Kg - 5,6 kg with heating option	18 Kg
Warranty	1 year including lightning risk (1)	1 year including lightning risk (1)

(1) Protection of the output logic using a PRO CEMPLUIED and heating power supply with a PRO TAS3016A is essential.



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