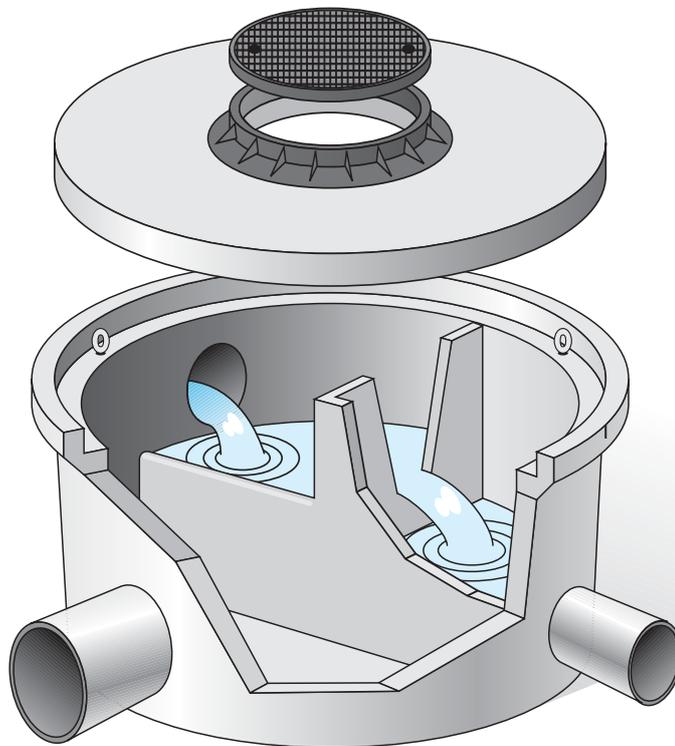


MONOBLOC CYLINDRICAL FIRST RAIN WATER DIVIDING PLANTS

SSP/A series



WHAT THE MONOBLOC CYLINDRICAL FIRST RAIN WATER DIVIDING PLANTS SSP SERIES ARE

Monobloc cylindrical first rain water dividing plants type EURO MEC SSP/A series are used to limit the underground water resources pollution and impoverishment through the first rain water treatment. These installations are composed of a monobloc highly resistant reinforced concrete cylindrical tank ensuring a total leak absence and the absence of ground infiltrations, a carriageable cover and galvanized steel inspection shafts (alternatively D400 cast iron). This water dividing plant can be installed also in presence of ground water.

Monobloc cylindrical first rain water dividing plants type EURO MEC SSP/A series are necessary to control how sewage water goes into the drainage system because they allow its elimination through a natural filtering into the ground and separate it from the first rain water for the drainage system or the depuration plant without polluting the ground water.

According to the Directive 91/271/CEE we consider first rain water the water corresponding to the first 5 mm of each precipitation (equal to 50 mc/h) evenly distributed on the total draining area treated by the draining network. In order to calculate such flow rates we established that this data can be obtained in 15 minutes. We consider the following afflux coefficients: 1 for covered/paved/waterproof surfaces, and 0,3 for every kind of permeable surface except for cultivated areas.

HOW MONOBLOC CYLINDRICAL FIRST RAIN WATER DIVIDING PLANTS SSP SERIES WORK

"First rain water is pollutant because it contains sand, oils and hydrocarbons and therefore it is separated from the subsequent water (with no relevant pollution) by a calibrated overflow pipe "Cipolletti" type designed according to the udometric coefficient comparing the "hourly afflux coefficient" (which considers a 15 minutes rain precipitation in the tank area) with the "delay coefficient" (which considers the basin area as well as the tank/network slope)."

USED MATERIALS

Tanks	:	highly resistant reinforced vibrated concrete
By request	:	painted steel, fiberglass
Shafts	:	hot galvanised steel (by request: class D400 cast iron)

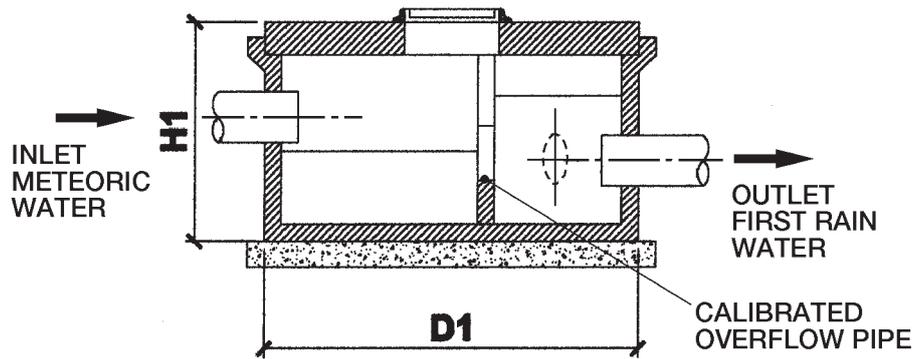
SPECIFICATION

"Supply of a monobloc cylindrical water dividing plant for first rain water type EURO MEC SSP/A series made of highly resistant reinforced concrete, with carriageable cover, concrete manholes and dimensioned with internal overflow pipe type "cipolletti". "

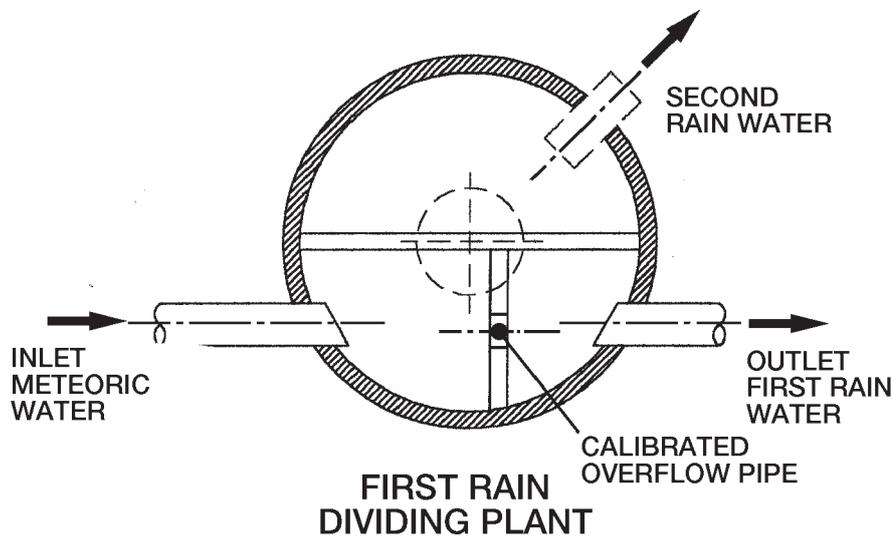


STANDARD PRODUCTION

Section



Plan



MODEL	DRAINING SURFACE mq	DIAMETER D cm	HEIGHT H cm	WEIGHT q.l.s
SSP/A 150	1000 ÷ 8000	165	118	21
SSP/A 200	7000 ÷ 15000	220	129	46

The above written data are given as information. The Society EURO MEC S.r.l. reserves the right to change them in every moment.

All models have a carriageable cover.