



## Environmental Equipment Engineering, Inc.

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### FOX CONSTANT MONITORING DIVERSION SYSTEM MODEL: CMS 600

All run-off leaves the protected area via the Fox CMS600 chamber. A probe will monitor the contents of the chamber for the presence of any dissolved pollutants. If the level of pollutants in the run-off is of a concentration that is not suitable to be discharged to the stormwater network the system will provide an alarm and divert to a Containment Tank, Tradewaste or similar. This will ensure that no further run-off can leave the area until the cause of the alarm is diverted to a suitable facility. The Fox PLC has features that are unique and include the following:- ADJUSTABLE SENSOR CALIBRATION... ensuring the system is matched to site conditions; WASHDOWN SENSING... this function ensures that all polluted washwater from the site cannot enter the stormwater system; DELAY DROP FUNCTION... this function allows for the residue from a washdown activity to drain to the equipment and diverts it for treatment; HOUSE CLEANING ALARM... This feature will activate if the diversion valve fails to close. Usually failure to close indicates that the system is in need of a 'housekeeping' activity.

#### APPLICATIONS

Transfer of wine - Storing chemicals - Detection of milk product spills - Pollution control of open areas

**The requirements of local authorities can vary; additional features & options are available to ensure that the system will fulfil each authorities specific requirement.**

#### SPECIFICATIONS

Model	FOX CMS600	Model	CMS600
Flow Rate	250 l/min @ 0.5m Head	Body	Gunmetal
Body	Gunmetal	Internals	Gunmetal
Shafts	Stainless steel	Seals	Nitrile rubber / polyurethane
Flange	Nylon	Max. inlet pressure	1400 kpa
Diaphragm	Nitrile rubber	Size	Suits 25mm supply
Gasket	Nitrile rubber	Solenoid	12v dc. 12mm N.C.
Size	150 mm	Proximity Switch	12v dc Pepperl & Fuchs
CONTROL STATION	Fox programmable logic controller	CONTROL STATION	Fox programmable logic controller
POWER SUPPLY	240 v AC 10 amp (by others)	SENSOR PROBE	1 cm Dual Leg stainless steel
DELAY JET	1.5 brass cap jet	Drive Line	12mm copper ( not supplied)
SILT & SOLIDS CONTROL	600x600	polyethylene silt basket	9mm holes
GRATE	600x600 galvanized medium or heavy	PANEL BOX	galvanized or stainless steel
STANDARD DIVERSION CHAMBER	600x600 opening	Opening	740 waste invert 280 storm invert