

Constant Monitoring System **FOX CMS600**

Allow site run-off with
constant monitoring
for contaminants

Pollutants like milk, wine and acids or alkaline products are water-soluble and can be extremely harmful to the environment. By monitoring the run-off from your site you can prevent the potential penalties associated with a spill of these products.

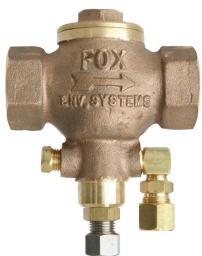
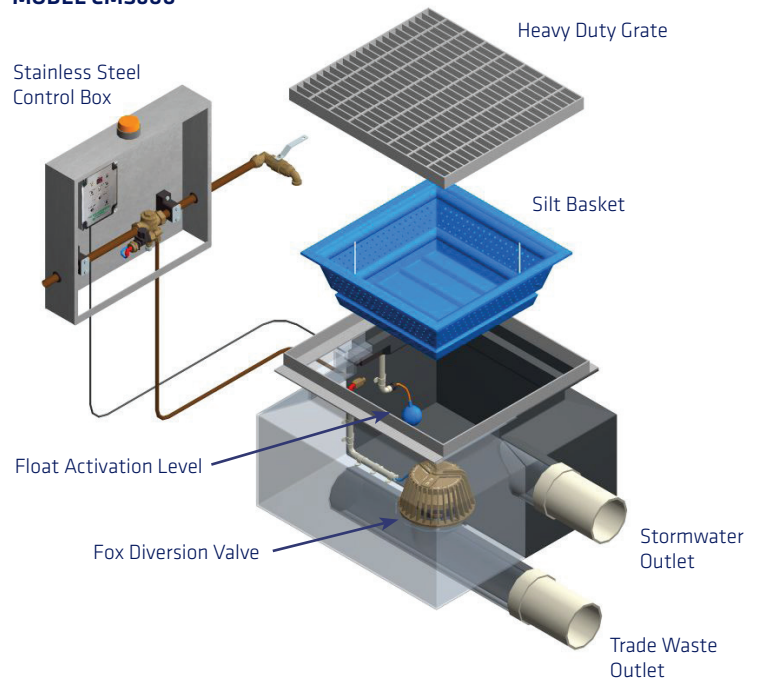


HOW DOES IT WORK?

The Fox CMS600 Constant Monitoring System is designed to allow site run-off to flow to the stormwater network while providing constant monitoring of the quality of the run-off. If a predetermined level of contaminants is detected in the run-off, the system will divert the flow to a containment tank or similar and notify that a significant event has occurred.

Following detection the system continues to monitor the run-off quality. When the pollutant has been diverted the run-off will again be allowed to go to the stormwater system.

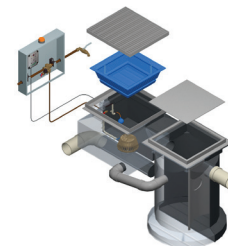
MODEL CMS600



Fox Demand
Valve DMV25



Fox Diversion
Valve DV150



MODEL CMS600BRT



APPLICATIONS

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

CONTACT DETAILS

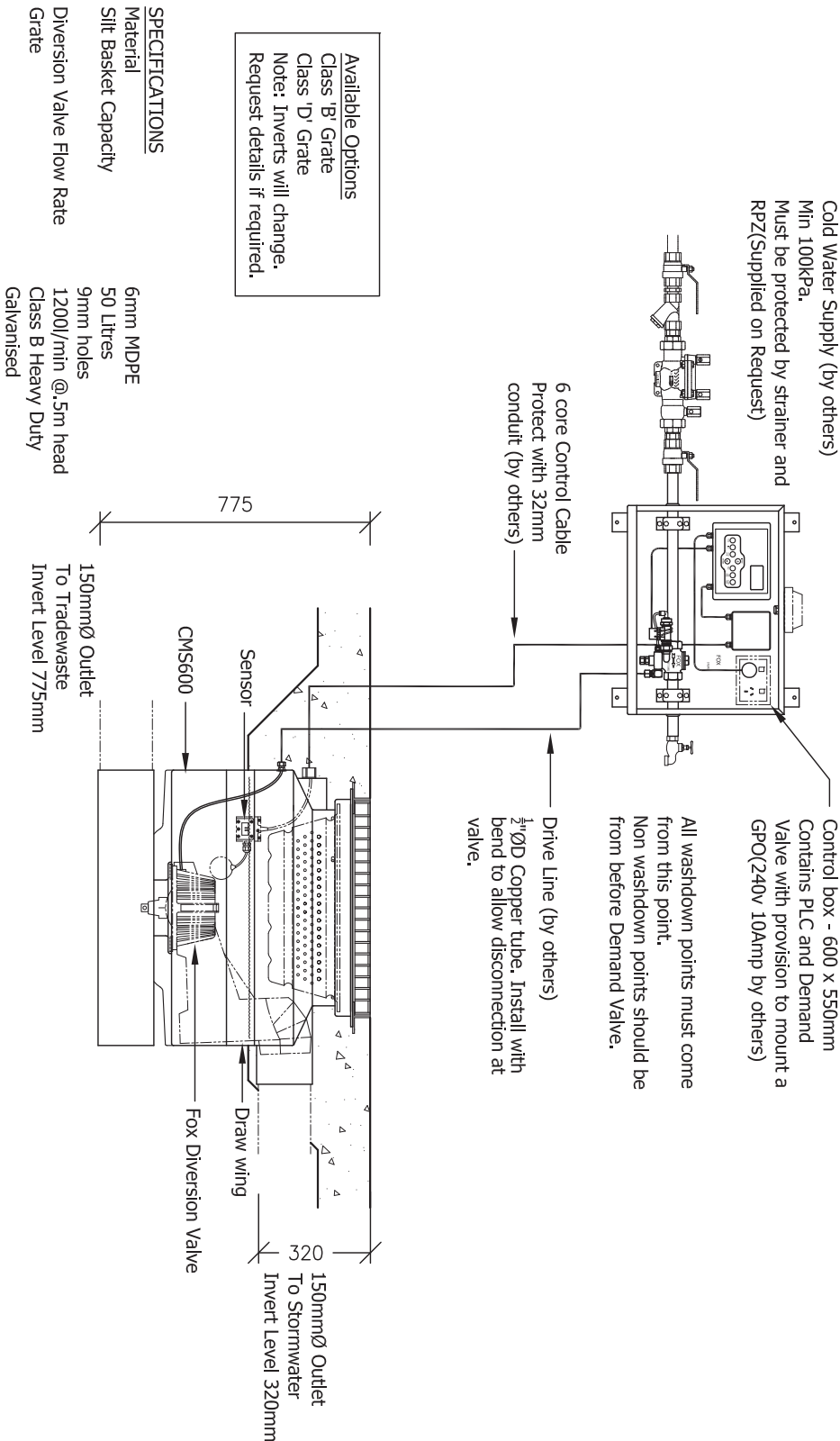
Stormwater360

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SCHEMATIC DETAIL OF CMS600 SYSTEM WITH STANDARD PANEL BOX



Plan View

FOX ENVIRONMENTAL SYSTEMS

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Project	
System Specifications	
Drawing Title	
CMS600 System	
Drawn by:	J.F.S
Date:	15/01/2010
Scale:	1:20
Drawing No:	

Note:
This is a schematic representation only.
Slab size and gradient to engineers details as arranged by customer.
All plumbing and electrical connections to be installed by certified tradesmen in accordance with relative authorities requirements. Tradesmen to be engaged by the purchaser.
System to be approved by relative Local Authorities before Installation.

PROCESS DESCRIPTION
The Fox CMS600 system will monitor all site runoff for the presence of water soluble contaminants. A sensor in the pit detects the presence of any dissolved pollutants and can be calibrated to match site conditions. Each time the pit fills the quality of the runoff is checked. If the level of pollutants in the runoff is of a concentration that is not suitable to be discharged to stormwater an alarm will be activated and the pit contents will be diverted to a holding tank. After a short delay the system will reset and the Diversion Valve will close. If the next chamber of runoff is contaminated it will also be diverted to the holding tank. This process continues until the water quality is suitable to be discharged to the stormwater system. An option is available to totally isolate the site if a spill is detected to ensure that no further runoff can leave the area until the cause of the alarm is addressed.