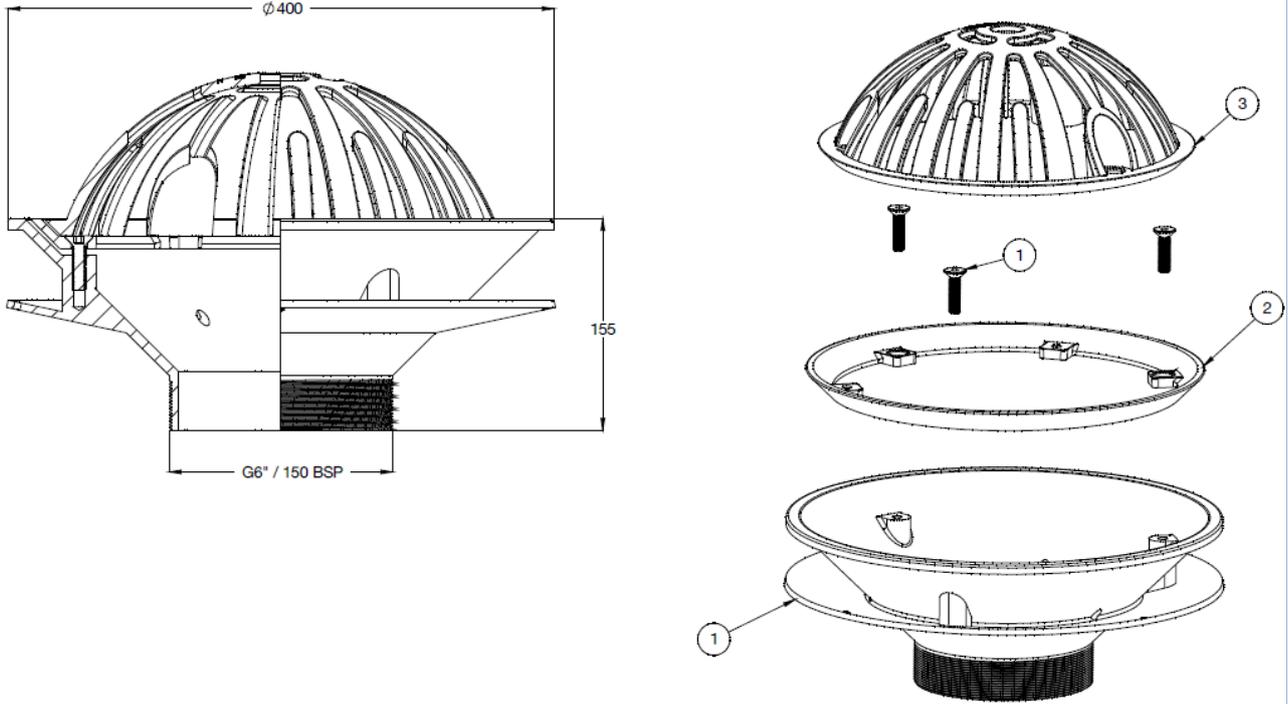
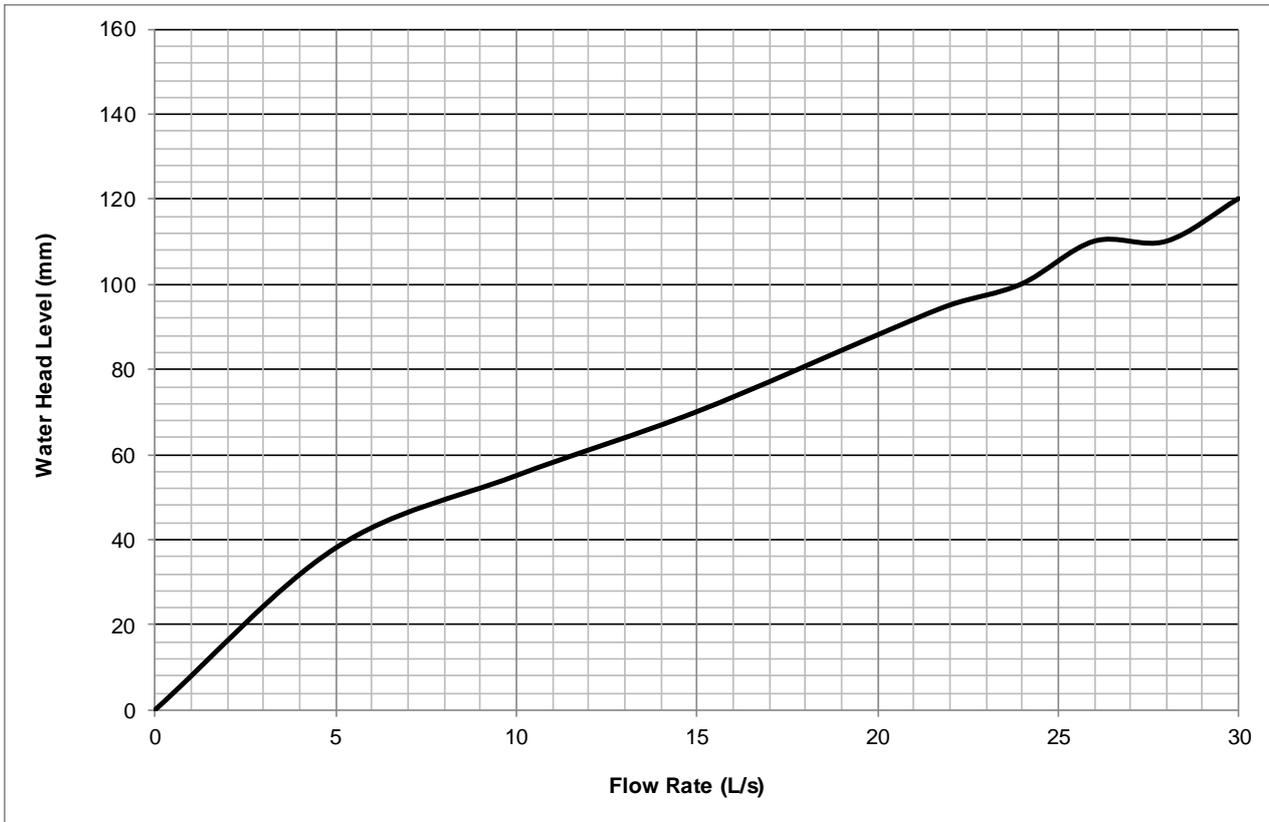


OUTLET PERFORMANCE CERTIFICATE

ID: Galvin Engineering 285226 – DI Hi-Flow Dome Grate Outlet Ø150mm

Test Results		ID: 285226
Description	DI Hi-Flow Domed Vert Rainwater Outlet (W/- Mem C/Ring) 150BSP	
Drain Type	Ø150mm Dome Grate	
Model	285226	
Outlet Size	Ø150mm	
Test Date	14/07/2017	
Grate Drawing		
		
Downpipe Configuration Tests	Standard pipe configurations as shown in Figures 3-6 of AHSCA Research Foundation - Flow Capacity and Water Level Test Protocol for Roof and Balcony Drainage Outlets	

Flow Characteristic Curve – 285226 – DI Hi-Flow Dome Grate Outlet Ø150mm



5.0 L/s (38 mm)



15 L/s (70 mm)

Observation Comments:

- Flow curves for all outlet configurations were similar.
- There were no significant flow transitions between weir and orifice observed during the testing.
- Small depth fluctuations ($\pm 3\text{mm}$) were observed at flowrates above 20L/s. However, the maximum observed flow depth is recorded in the outlet performance curve.

I hereby certify that the test results presented on this outlet performance certificate are true and correct and were obtained using recognised AHSCA Gutter Outlet Testing procedures.

Dr Terry Lucke,
Chief Researcher:



Mark Alexander,
AHSCA Foundation Chairman:



Date: 27th July 2017

Date: 27th July 2017