

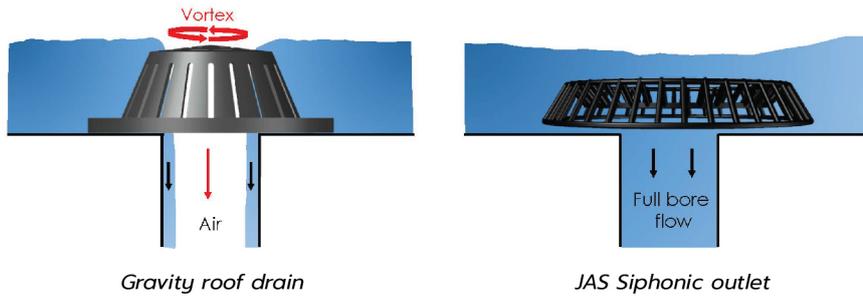
JAS SIPHONIC OUTLET



Siphonic system is designed to eliminate air in the rainwater drainage system, in order to increase the efficiency of flow.

JAS Siphonic Outlets are specially designed to restrict the formation of "Vortex" above the outlet. Once water enters into tail pipes, it becomes full-bore flow at high velocity. The incremental flow capacity thus requires fewer and smaller downpipes.

Gravity roof drain vs JAS Siphonic outlet



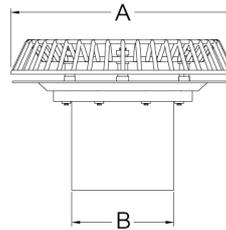
The outlets are certified for specified siphonic drainage efficiency according to ASME 112.6.9-2005, with a test certificate from TUV. 

PRIMARY OUTLET

Applied Gutter : Metal Gutter

Connection : HDPE Pipe

Material : Aluminum Alloy, Stainless Steel



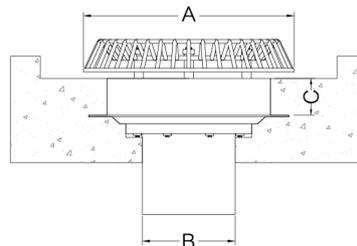
	A (mm)	B (mm)	Max Flow (lps)
JAS	280	125	60
MINI JAS	220	90	30
MICRO JAS	180	63	12

CONCRETE OUTLET

Applied Gutter : R.C. Roof

Connection : HDPE Pipe

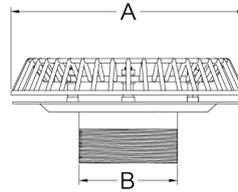
Material : Aluminum Alloy, Stainless Steel



	A (mm)	B (mm)	C (mm)	Max Flow (lps)
JAS	280	125	50	60
MINI JAS	220	90	50	30
MICRO JAS	180	63	30	12

PRIMARY OUTLET

Applied Gutter : Metal Gutter



Connection : PVC Pipe, Stainless Steel Pipe

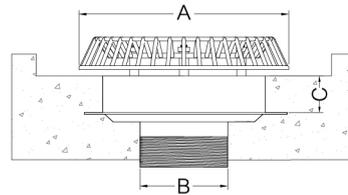
Material : Aluminum Alloy, Stainless Steel



	A (mm)	B (in)	Max Flow (lps)
JAS	280	4"	45
MINI JAS	220	3"	30
MICRO JAS	180	2 1/2"	12

CONCRETE OUTLET

Applied Gutter : R.C. Roof



Connection : PVC Pipe, Stainless Steel Pipe

Material : Aluminum Alloy, Stainless Steel



	A (mm)	B (in)	C (mm)	Max Flow (lps)
JAS	280	4"	50	45
MINI JAS	220	3"	50	30
MICRO JAS	180	2 1/2"	30	12

SECONDARY OUTLET

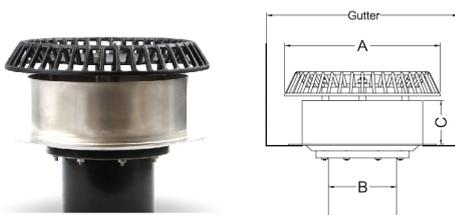
Applied Gutter : Metal gutter

Connection : HDPE Pipe, PVC Pipe, Stainless Steel Pipe

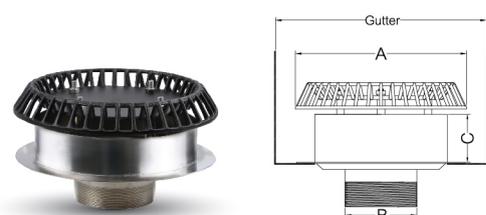
Material : Aluminum Alloy, Stainless Steel

The secondary system ensures safety in case the main drainage system is insufficient due to clogged downpipes or heavier than usual rainfalls. For projects which are unable to install overflow channel at the gutter, a Secondary System can be installed instead.

The secondary system requires a Secondary outlet which has a higher level of inflow-opening than the main system. The secondary drainage system will start draining water when the water level reaches 80 mm.



	A (mm)	B (mm)	C (mm)	Max Flow (lps)
JAS	280	125	80	60



	A (mm)	B (in)	C (mm)	Max Flow (lps)
JAS	280	4"	80	45