

RootRain ArborVent

Irrigation and aeration for rooting areas below hard surfaces.



Overview

GreenBlue Urban's RootRain ArborVent irrigation and aeration systems maintain long term soil health and fertility by facilitating high volumes of water and nutrients such as oxygen to reach the tree rooting area directly, and allowing toxic gasses to escape. This is critical for trees for, without aeration, soil beneath paved areas will quickly become anaerobic and unable to support the life of the tree.

The ArborVent is designed primarily with aeration of the wider tree pit in mind, but can be used for the primary root-ball irrigation system depending on the type of tree grille being used, and being a heavy-duty cast aluminium structure is perfect for heavily trafficked hardscape areas.

Features

Heavy duty cast aluminium inlet withstands over 10t wheel loads inc. street sweepers
Anti-vandal lid lifts and swings to one side for fast irrigation & maintenance
Unique removable self-cleaning device supplied with all ArborVents
ArborVent 150 includes Manifold for connectivity with RootSpace structure
Concrete flange at base of ArborVent prevents slumping

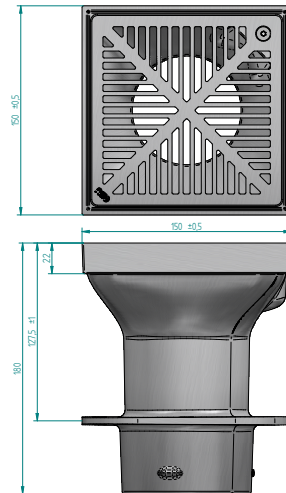
Benefits

Constant gaseous exchange for soil health
Critical for tree survival and longevity
High quality robust construction for durability during construction and throughout working life
Flush mounting fits seamlessly with virtually any type of paving finish
Flush finish heel-safe grating eliminates trip hazards
Self-cleaning device atomises water flow to reduce soil erosion within tree pit

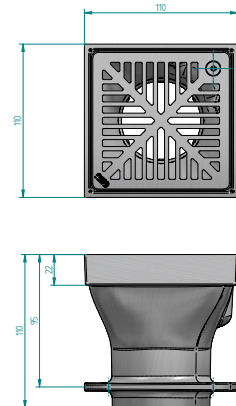
	Code	Inlet size	Pipe dia	Downpipe	Pipe length	Inlet	Inline filter
Product codes	RRARBV1D	110mm sqr	60mm	700mm	3mtr	Single	RRILF60A
	RRARBV2D	110mm sqr	60mm	700mm	5mtr	Single	RRILF60A
	RRARBV3D	110mm sqr	60mm	700mm	8mtr	Single	RRILF60A
	RRARBVDI3D	110mm sqr	60mm	700mm	8mtr	Double	RRILF60A
	RRARBV150B	150mm sqr	110mm	750mm	n/a	Single	RRILF100A

Technical Drawings

RRARBV150B

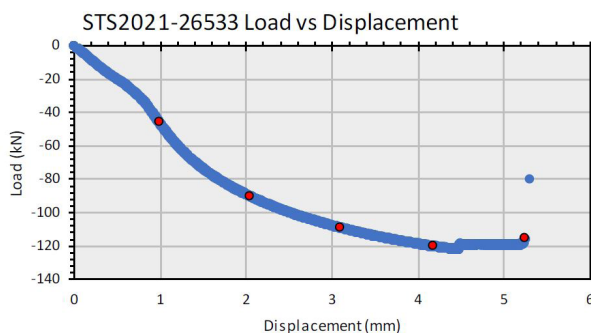


RRARBV1D-
RRARBVDI3D



ArborVents tested achieved a peak load of well over 10t vertical load.

Load bearing capacity



Finish

Part	Material	Finish	Colour
Body	LM6 Aluminium	Cast with linised top edge	Natural
Lid	LM24 Aluminium	Anodised	Natural
Pipe	Recycled HDPE	Natural	Black
Tee	Recycled HDPE	Natural	Black
Manifold	Recycled HDPE	Natural	Black
Inline Filter	Steel and nylon	Natural	Blue

Bespoke options

ArborVents can be manufactured in other materials such as brass and bronze.

Maintenance

Annual inspection

Clean irrigation and aeration inlet filter brushes