



GP® VENT BOX

GP® VENT BOX is a ground level ventilation unit designed to work in combination with GP® VOID VENT products to provide passive inflow and outflow of air and ground gas.

The GP® VENT BOX is a fully modular system which provides a practical and aesthetic method of venting ground gases from beneath a building to the external atmosphere. The vent boxes are designed to be installed within the external landscaping.

TITANTECH®

For developers of brownfield and contaminated sites the TITANTECH® family of products represent a major step forward in safeguarding projects against gaseous and chemical contamination.

GP® VENT BOX is a fully modular system comprising: inlet pipework section, upstand pipework section and cover(s) which are supplied as a modular system, such that the final configuration can be adapted to suit specific depth, varying inlet levels, and base requirement for sealed, or soak away outlets.

Handling

Each section of the vent box is light weight and easy to handle, however appropriate care should always be taken with manual handling.

Storage

GP® VENT BOX and associated accessories should be kept in a cool, dry environment prior to installation.





Type	Characteristics	GP [®] VENT BOX
Circular Vent Cover	Material	Stainless Steel - Slotted
	Dimensions	195 mm OD
	Ventilation	7000 mm ²
Rectangular Vent Cover	Material	Stainless Steel - Slotted
	Dimensions	420 mm x 220 mm
	Ventilation Area	18,000 mm ²
Vent Box Pipework	Material	Plain HDPE/ PVC-U or Twin Wall
	Diameter	120 mm OD
	Inlet Diameter	110 mm ID

JUTA UK

Please contact JUTA UK Directly for more information on GP[®] VENT BOX

Installation

GP[®] VENT BOX are designed to allow the specifier to select the most appropriate vent type based upon performance, aesthetics and functionality. GP[®] VENT BOX is usually selected where more traditional vent types such as air bricks cannot be used. Usually the GP[®] VENT BOX is positioned at the designed centres, within the external landscape on opposing sides of the building. Connection to a land drain, attenuation system or soak away prevents the vent box from collecting surface water and the removable lids allow cleaning and maintenance to be carried out when required.



Additional Information

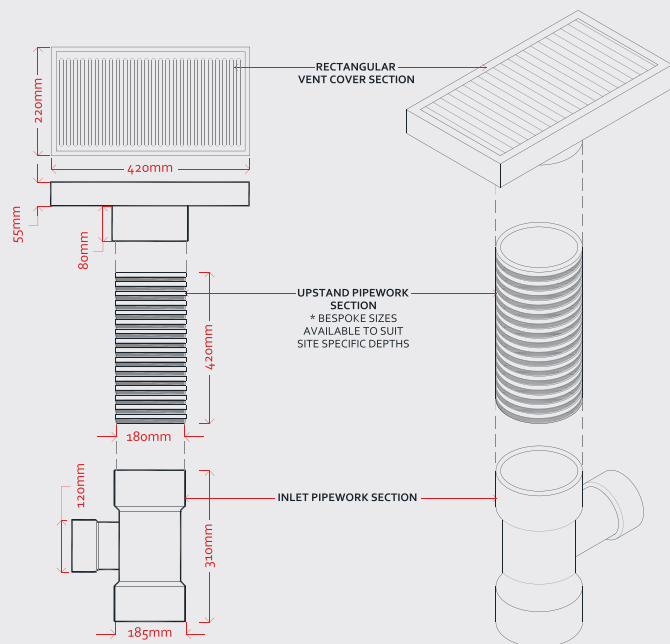
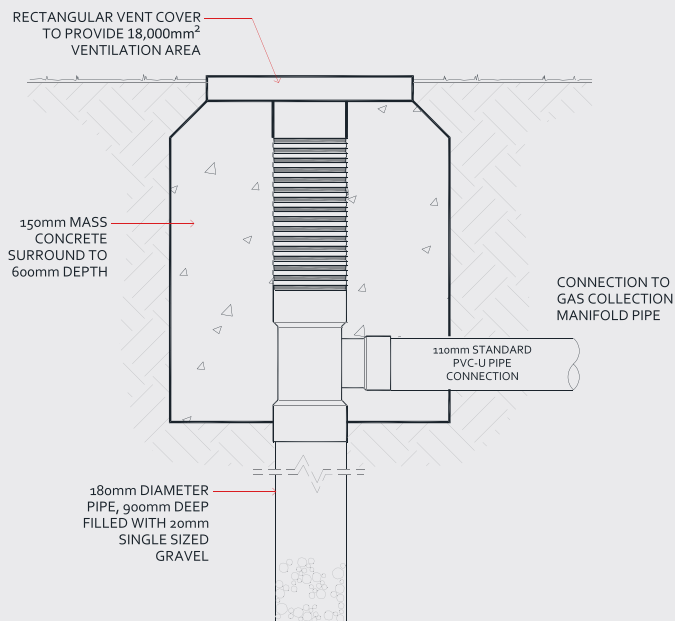
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Typical Details

Typical detail showing a typical application for GP® VENT BOX a modular
systems installed into mass concrete surround.

Connection to GP® VENT BOX as typical void vent details - please contact
JUTA for further information.



Exploded view of GP® VENT BOX with dimensioned components.



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Gas venting designs should be carried out by a suitably qualified person specific to the actual site risks. GP® VENT BOX is designed for use with pedestrian traffic only. Regular maintenance is required to ensure that the units are free from debris to maintain performance of the units. Gas protection should be independently verified in line with BS8485:2015 +A1:2019 and CIRIA C735:2014.

Full Range of Accessories

