

Notes :

1. Inlet and Outlet are Ø110 mm. Suitable reducers should be used to step down from bigger pipework. Supplied by others.
2. Units invert is adjustable by trimming external riser to required height. Selection of correct invert is key and must be suitable for drainage and ground levels on site.
3. Ext neck kit available for deeper inverts up to a maximum invert of 1440 mm. See extension neck drawing for assembly details.
4. It is important to read and understand installation operation and maintenance guidelines before attempting to install this unit.
5. Vent pipe connection is supplied but vent runs and stacks are supplied by others.
6. Air hose for tank internals is supplied with blower housing and is run through the vent.
7. Tank Weight (Empty) - 240 kg

4x Ø50mm Lifting Points

Lockable Manhole Cover

Blower housing

Concrete Plinth

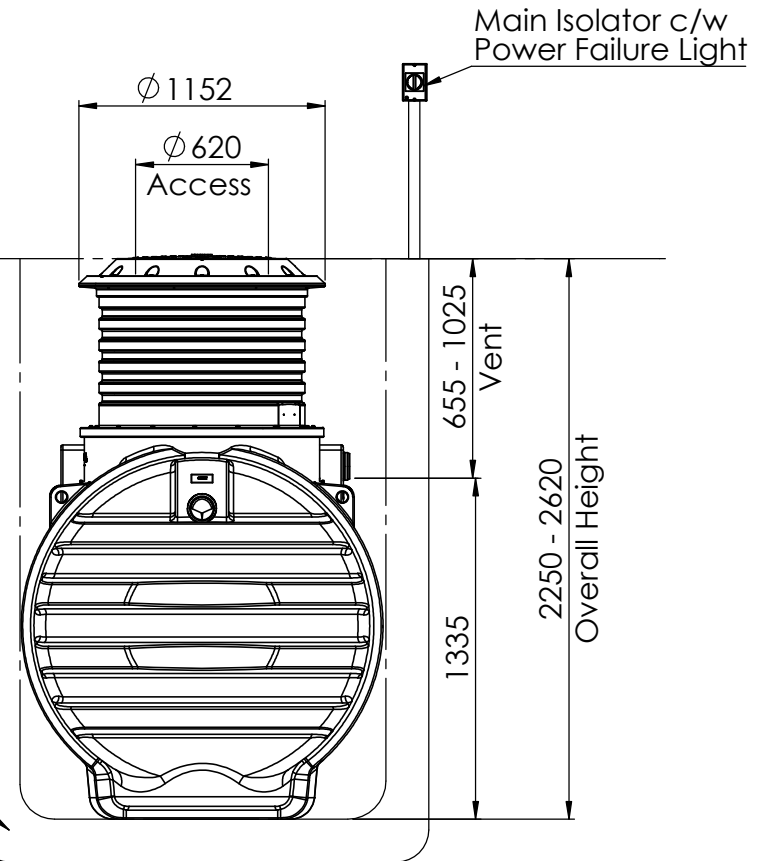
750 - 1120
Inlet Invert

1500

850 - 1220
Outlet Invert

1400

Concrete base
slab cast by client
(to suit ground conditions)



Main Isolator c/w
Power Failure Light

Ø1152

Ø620
Access

655 - 1025
Vent

1335

2250 - 2620
Overall Height

Please check with Kingspan Water & Energy for the latest Issue of the drawing

Issue	Date	Drawn By	Approved By	Description
02	21/05/2025	D.Musvaburi	D.M	ECN 2170 - Adaptor added
01	12/01/2024	JMcM	JMcM	Initial Issue

LN Number :	Tolerance :
Finish :	Thickness :
Weight :	Surface Area :
Modelled By :	Material : Various

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Drawing : DS1438B

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BioAir 3 (9PE) Gravity Sales Drawing

All dimensions in mm

Scale: Not to scale