

©DE-Bubbler 265 Instructions

Meica Construction Systems Ltd

DE-Bubbler 265 ©



Designed to help reduce nuisance WTW Water Quality Monitor shutdowns and help improve WTW site performance by removing excess bubbles to the selected monitor.

Sample Flow with the use of control valves:
Operator adjustable to the desired flow for the monitor installed

 Optimum level in Inner tube

Working Pressure :
Atmospheric

Algae prevention
elements installed

H 265mm x W110mm

8 mm OD connections

Supplied with:
2 x Brackets
2 x 8mm OD Valves
1 x Cleaning brush



Control Valves Optimum settings:
Use inlet valve to control the inlet flow
Use the outlet valve to keep centre tube level minimum half way up.

E: info@meica-cs.co.uk Made in the UK

www.meica-cs.co.uk
Trade Mark: UK00003630274

Patent Pending

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Installation instructions:

1. Remove from packaging and check contents, you should have received:

1 x unit with 8mm od push fit fittings attached

1 x Lid

2 x Brackets attached

2 x 8 mm od push fit valves

1 x 8 mm od overflow push fit fitting attached

1 x cleaning brush

2 x fixing screws

1 x instruction manual

1 x 500mm 8mm overflow pipe

2. Offer unit to the space required to determine installation location, ensure the outlet height is above the monitor fill reservoir by 60 mm.

3. Remove the one click brackets from the unit, keeping 245 mm (top and bottom of the unit as per picture) vertically apart. Using a level mark, the centre holes for the brackets and fix them to the surface with the screws provided.

4. Locate the unit into the brackets and ensure they are secured correctly.

5. Push on the 8mm valves as shown in the picture.

6. Route the connected over flow 8 mm od pipe (500mm) to the drain.

7. Complete the correct pipe work modifications from the sample line to the 8mm od inlet valve and connect.

8. Complete the correct pipe work modifications from the 8mm od outlet to the monitor reservoir and connect.

9. Install lid.

10. Now follow Operating Instructions for first use.

Operating instructions:

1. Open the inlet valve to a desired flow required for the monitor installed to (keeping flow half way up of the center outlet tube for the most effective use of the ©De-Bubbler 265) or to required flow as per monitor and operators' preference. (max flow of the unit 4.5 l/min)

2. Once the inlet valve has been opened to desired flow, **slowly** close the outlet valve until the inner most tube is 2/3 full (**this level must be maintained**, to aid the prevention of air ingress to the monitor).

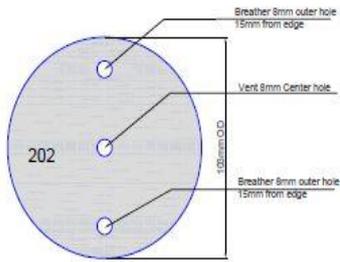
3. Make a note of the valve positions!

4. Continue to observe the flow whilst the ©De-Bubbler 265 is in use, making note of any valve positions where alterations to flow have been made.

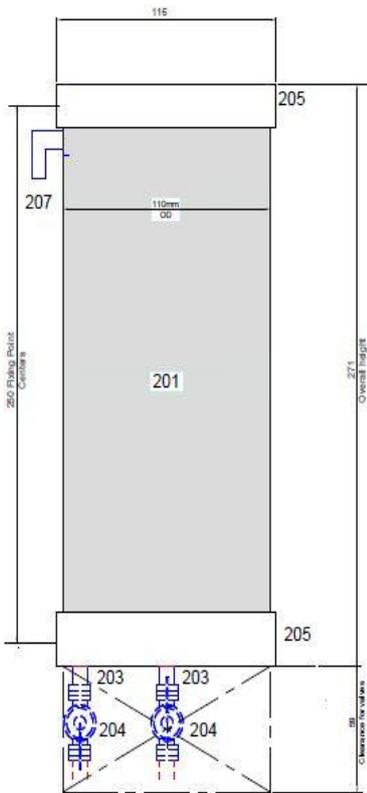
(First use surface bubbles may be present when in contact with liquid being processed this will abate approximately 1 day this will not impede the unit performance)

Please note, if heavy turbidity is found in the valves occasional open and close operation may be necessary to flush through. If you have any questions about the use or maintenance of you ©De-Bubbler 265 please contact: info@meica-cs.co.uk

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Lid 5mm Thick



MEICA De-bubbler 265

Spare Part List

- 201 DB 110mm x 265mm
- 202 Lid
- 203 1/8" Male to 8mm OD male push fit
- 204 8mm OD push fit valve
- 205 White Clamps
- 206 Cleaning Brush
- 207 Overflow fitting

Flow control with outlet valve.

Dry weight of unit 950g

NOTES:			
1:1	DESIGNED FOR INFORMATION	DATE	JRA
1:1	REVISION	DATE	JRA
DO NOT SCALE FROM THIS DRAWING - IF IN DOUBT ASK			
DIMENSIONS ARE IN MM UNLESS STATED OTHERWISE			
THIRD ANGLE PROJECTION			
CLIENT			
SITE NAME			
PROJECT			
DRAWING TITLE			
DE-BUBBLER 265			
PROJECT NO.			
DRAWN BY	CHECKED BY	APPROVED BY	DATE
NJB	JRA	JRA	16/02/2021
SCALE	DRAWING NO.	REVISION	
NTS	DEB-265-2	1	

Thank you for purchasing the ©De-Bubbler 265

For enquiries, contact (Meica Construction Systems Ltd):



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