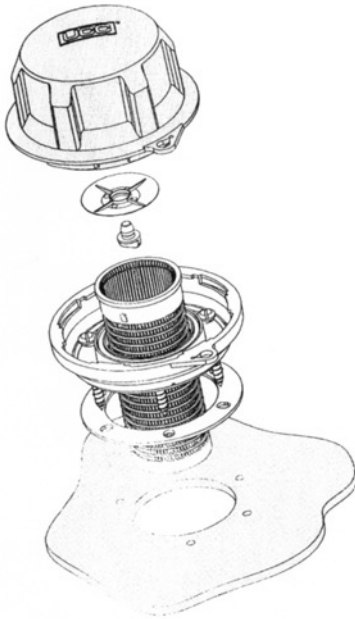


NEW OPTION 2 6-HOLE RESERVOIR INSTALLATION



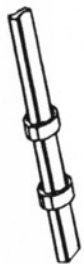
DIPSTICKS

The dipstick, available in 2 lengths – 200mm and 400mm, can be cut to the required length or left as it is and the Hi/Lo indicators moved and positioned on the dipstick itself by squeezing the sides of the indicator and repositioning along the dipstick.



Dipstick ordering

DIP.206	1 Pack 10 x 200mm dipsticks
DIP.207	1 Pack 10 x 400mm dipsticks



Note 1. Un-pressurized 6-hole fixing

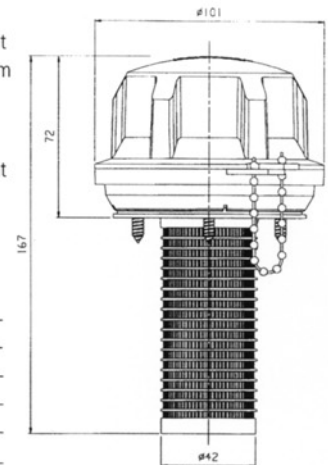
Form 6 off tank mounting holes between Ø4.0 and Ø4.4mm (dependent on the material and thickness – see guide below) equispaced on 70-73mm P.C.D. to suit No.10 thread forming screws supplied.

Note 2. Pressurized 6-hole fixing

Form 6 off tank mounting holes between Ø4.0 and Ø4.4mm (dependent on the material and thickness – see guide below) equispaced on 73mm P.C.D. to suit No.10 thread forming screws supplied.

Note 3. Reservoir mounting guide

Sheet thickness mm	Hole size mm
1.2	4.0
2.0	4.10
3.15	4.30
4.0	4.30
5.0	4.40

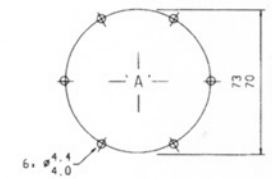
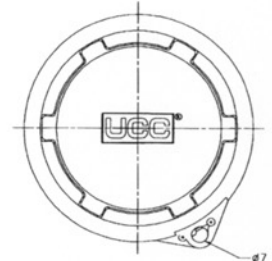


Option 2. 6-hole filler breathers – non-pressurized

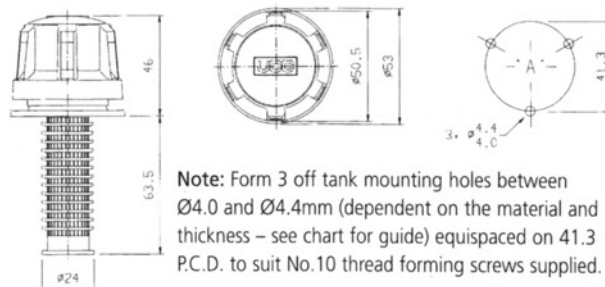
Part number	Description
AB.98810001 UC	10 micron filler breather without strainer
AB.98810011 UC	10 micron filler breather with 95mm strainer
AB.98810021 UC	10 micron filler breather telescopic strainer

Option 2. 6-hole filler breathers – pressurized

Part number	Description
AB.98812001 UC	10 micron pressurized. 0.2 bar without strainer
AB.98812011 UC	10 micron pressurized. 0.2 bar with 95mm strainer
AB.98812021 UC	10 micron pressurized. 0.2 bar with telescopic strainer
AB.98813001 UC	10 micron pressurized. 0.35 bar without strainer
AB.98813011 UC	10 micron pressurized. 0.35 bar with 95mm strainer
AB.98813021 UC	10 micron pressurized. 0.35 bar with telescopic strainer
AB.98817001 UC	10 micron pressurized. 0.7 bar without strainer
AB.98817011 UC	10 micron pressurized. 0.7 bar with 95mm strainer
AB.98817021 UC	10 micron pressurized. 0.7 bar with telescopic strainer



OPTION 3 3-HOLE RESERVOIR INSTALLATION (6-hole available)



Note: Form 3 off tank mounting holes between Ø4.0 and Ø4.4mm (dependent on the material and thickness – see chart for guide) equispaced on 41.3 P.C.D. to suit No.10 thread forming screws supplied.

3-hole filler breathers (6-hole available)

Part number	Description
AB.68110	10 micron filler breather without strainer
AB.68118	10 micron filler breather with 95mm strainer

Note: Not suitable for use with DIP.206/207
6-hole AB.68910/AB.68918 available. Consult UCC

NEW OPTIONS FULLY TESTED

As part of the design and development programme for the new IP65 Filler Breathers, extensive performance and endurance testing was carried out to ensure durability and efficiency.

3-hole installation (6-hole available)



SCREW-ON TYPE AIR BREATHERS

NEW OPTION 1

G¹/₂ and G³/₄ (ø101)

New design & new features

- IP65 certification
- Water hosedown resistance
- Anti-splash design as standard
- Non-corrodible construction
- Pressurized options – 0.2, 0.35 and 0.7 bar

SPECIFICATIONS (For Option 1)

Construction: Moulded in non-corrodible glass-filled nylon combining strength with a lightweight design.

Option 1: 2 screw on type air breathers are available – G¹/₂ or G³/₄ threaded base models.

Filtration Element: Expanded Polyurethane foam, 10 micron.

Seals: Nitrile.

Working Temperature: -30°C to +90°C.

Pressurized Air Breathers: Available in 3 pressure options to reduce the risk of contamination.

Pressurization Options: 0.2, 0.35 and 0.7 bar crack pressure.

Pressurization Valve: Nylon/Nitrile.

Dipstick: Available for use with all options. Dipsticks are available in 2 lengths and in packs of 10.

Dipstick Material: ABS.

Hi/Lo Indicators: Acetal. Adjustable Red/Green level indicators

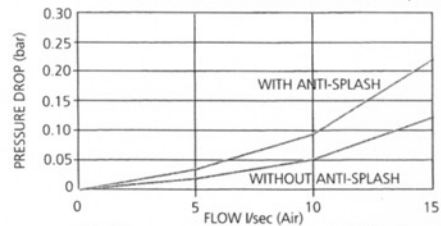
Dipstick Lengths: 200mm and 400mm

Breather Weight: 0.2kg.

Anti-Splash Feature: The unique design anti-splash feature is standard on Option 1 and allows for a dipstick to be fitted if required.

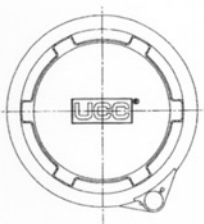
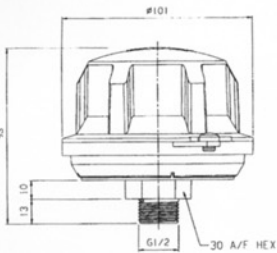


AB.98XXX Screw-On Non-Pressurized Pressure Drop Curves

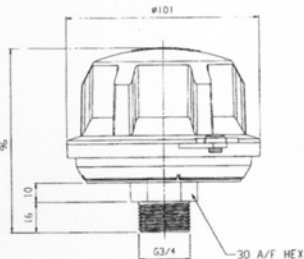


Note: For pressure drop information on the Option 1. Pressurized consult UCC.

Option 1 – G¹/₂



Option 1 – G³/₄



Option 1 – G¹/₂ or G³/₄

Part number	Description
AB.98610101.UC	10 micron G ¹ / ₂ option 1 un-pressurized
AB.98612101.UC	10 micron G ¹ / ₂ option 1 pressurized 0.2 bar
AB.98613101.UC	10 micron G ¹ / ₂ option 1 pressurized 0.35 bar
AB.98617101.UC	10 micron G ¹ / ₂ option 1 pressurized 0.7 bar
AB.98410101.UC	10 micron G ³ / ₄ option 1 un-pressurized
AB.98412101.UC	10 micron G ³ / ₄ option 1 pressurized 0.2 bar
AB.98413101.UC	10 micron G ³ / ₄ option 1 pressurized 0.35 bar
AB.98417101.UC	10 micron G ³ / ₄ option 1 pressurized 0.7 bar
DIP.206	1 pack 10 x 200mm dipsticks
DIP.207	1 pack 10 x 400mm dipsticks



OPTION 2 – G¹/₄, G³/₈, R¹/₂ and R³/₄ (Ø40)

OPTION 3 – G³/₈, G¹/₂ and G³/₄ (Ø70)

SPECIFICATIONS (For options 2 and 3)

Construction: Option 2 G¹/₄, G³/₈, R¹/₂ and R³/₄ cap and base plate mouldings in nylon 66 and Option 3 mouldings in glass-filled nylon and glass-coupled polypropylene.

Element: Expanded Polyurethane foam, 10 micron. **Seals:** Nitrile.

Pressurized Air Breathers: Available G³/₈, G¹/₂ and G³/₄, 3 pressure options to reduce the risk of contamination (Option 3).

Pressurization Options: 0.2, 0.35 and 0.7 bar crack pressure.

Pressurization Valve: Nylon

Dipstick: Available for use with R¹/₂, R³/₄ (Option 2) and G³/₈, G¹/₂ and G³/₄ (Option 3).

Dipstick Material: ABS G¹/₄, G³/₈ (Option 2) and mini-series in brass.

Hi/Lo Indicators: Acetal adjustable red/green level indicators.

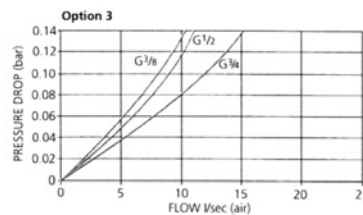
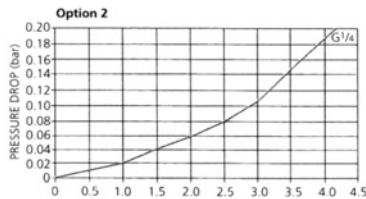
Dipstick Lengths: 200mm and 400mm (packs of 10).

Breather Weights: Option 2 = 0.028kg, Option 3 = 0.075kg, Mini-series = 0.019kg.

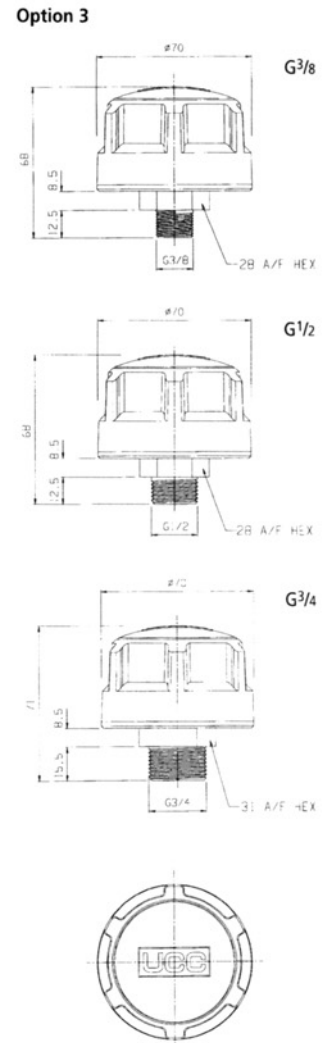
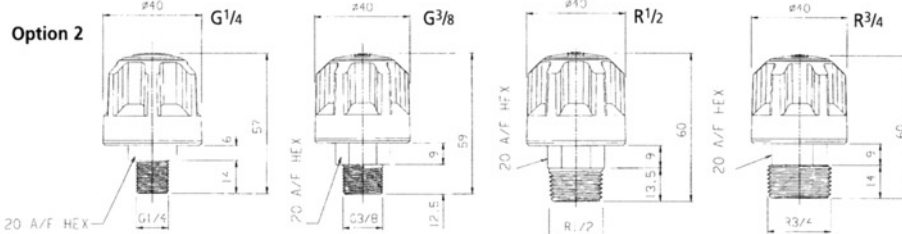
- Non-corrodible construction.
- 10 micron element.
- New G³/₈, R¹/₂ and R³/₄ screw-ons. (Option 2).
- Pressurized options – 0.2, 0.35 and 0.7 bar.
- 2 dipstick options with adjustable level indicators for Options 1, 2 and 3.
- Mini-series breather model available with dipstick option.
- NPT options available. Consult UCC.



SCREW-ON TYPE AIR BREATHERS Pressure drop flow curves (Options 2 and 3)



Note: For pressure drop information on G¹/₂, R¹/₂ and R³/₄ consult UCC.



THE MINI-SERIES BREATHER

Screw-on option Push-fit option

Part No.	Description
S.68000	Gearbox air breather

Option 2 G¹/₄, G³/₈, R¹/₂ and R³/₄

Part number	Description
AB.683101.UC	10 micron G ¹ / ₄ option 2 screw-on
AB.68X101.UC	10 micron G ³ / ₈ option 2 screw-on
AB.68Y101.UC	10 micron R ¹ / ₂ option 2 screw-on
AB.68Z101.UC	10 micron R ³ / ₄ option 2 screw-on

Option 3 G³/₈, G¹/₂ and G³/₄

SAB.5101	10 micron G ³ / ₈ non-pressurized screw-on type
SAB.6101	10 micron G ¹ / ₂ non-pressurized screw-on type
SAB.7101	10 micron G ³ / ₄ non-pressurized screw-on type

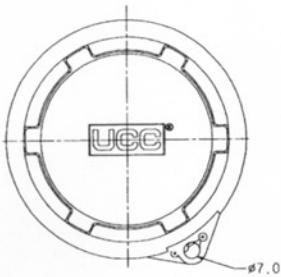
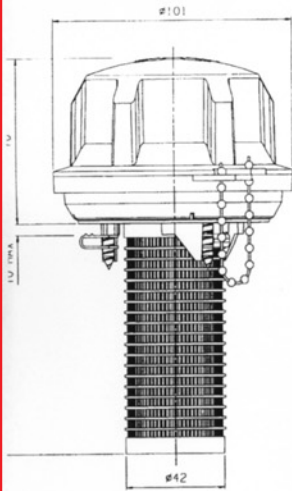
Dipstick ordering

DIP.206	Pack of 10 x 200mm dipsticks
DIP.207	Pack of 10 x 400mm dipsticks

Note: Pressurized versions of the Option 3, G³/₈, G¹/₂ and G³/₄ models are available. Consult UCC.

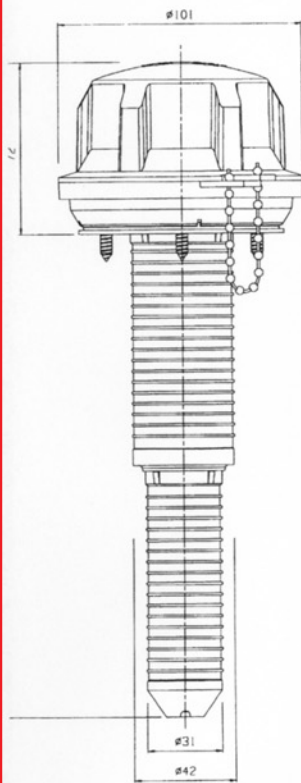
FILLER BREATHERS

NEW OPTION 1 SINGLE HOLE RESERVOIR INSTALLATION



TELESCOPIC STRAINER

The telescopic strainer design is ideal, where reservoir depth allows, to increase the surface area of the strainer, improving still further its straining ability and oil flow-through and allowing for longer dipstick lengths.



SPECIFICATIONS (For single and 6-hole installation)

Construction: Moulded in non-corrodible glass-filled nylon combining strength with a lightweight design.

Options: (1) Single (63mm Dia) Hole Filler Breather installation that eliminates drilled and tapped holes using self-locking clamps. (2) 6 Hole Filler Breather installation that uses 6 x No 10 thread forming screws. (3) 3 hole Filler Breather option is available (see page 5)

Self-Locking Clamps (Single Hole Option): 3 x Zinc and clear chromate plated steel screws. Spring steel clamps.

Strainers: Unique design diffuses oil flow into the reservoir.
 (1) Single length in Polypropylene (95mm length)
 (2) 2-piece telescopic in Polypropylene (195mm length max.)

Filtration Element: Expanded Polyurethane foam, 10 micron.

Seals: Nitrile.

Working Temperature: -30°C to +90°C.

Pressurized Filler Breathers: Available in 3 pressure options to reduce the risk of contamination.

Pressurization Options: 0.2, 0.35 and 0.7 bar crack pressure.

Pressurization Valve: Nylon/Nitrile

Dipstick: Available for use with options 1 and 2. Dipsticks are available in 2 lengths and in packs of 10.

Dipstick Material: ABS.

Hi/Lo Indicators: Acetal. Adjustable Red/Green level indicators.

Dipstick Lengths: 200mm and 400mm.

Breather Weight: 0.2kg.

Anti-Splash Feature: The unique design anti-splash feature is standard on all Options 1 and 2 and allows for a dipstick to be fitted if required.

Option 1. Single hole filler breathers – non-pressurized

Part number	Description
AB.98210001 UC	10 micron filler breather without strainer
AB.98210011 UC	10 micron filler breather with 95mm strainer
AB.98210021 UC	10 micron filler breather with telescopic strainer

Option 1. Single hole filler breathers – pressurized

Part number	Description
AB.98212001 UC	10 micron pressurized. 0.2 bar without strainer
AB.98212011 UC	10 micron pressurized. 0.2 bar with 95mm strainer
AB.98212021 UC	10 micron pressurized. 0.2 bar with telescopic strainer
AB.98213001 UC	10 micron pressurized. 0.35 bar without strainer
AB.98213011 UC	10 micron pressurized. 0.35 bar with 95mm strainer
AB.98213021 UC	10 micron pressurized. 0.35 bar with telescopic strainer
AB.98217001 UC	10 micron pressurized. 0.7 bar without strainer
AB.98217011 UC	10 micron pressurized. 0.7 bar with 95mm strainer
AB.98217021 UC	10 micron pressurized. 0.7 bar with telescopic strainer

