

Designed For Reliability..

GC01P/SS

GAS CHAMBER ORIFICE

WATER LEVEL

General Description

The HyQuest Solutions Gas Chamber Orifice (GC01P) is designed to replace the standard orifice in a gas purge water level measurement system

The GC01P permits the use of extremely low bubble rates with increased sensitivity and near total reduction of lag between actual level rise and orifice pressure. It can also operate satisfactorily when buried under up to 1m of silt.

Bubble rates as low as 10 bubbles per minute can be used, thereby reducing gas consumption and prolonging the life of the gas bottle, or reducing the duty cycle operation of the compressor pump on our HS-55/45/40/30 bubbler water level measurement systems.

The main GC01P chamber is constructed entirely of polyethylene with a copper coated brass screen to deter aquatic growth, and is supplied fitted with a 2" flexible coupling to suit a standard 2" threaded pipe and to allow easy installation as the coupling allows up to 30 degrees of adjustment from horizontal. The GC01P has an in-built 1/4 inch NPT hex brass coupling and is supplied with 1/4 inch NPT male to 3/8".

The bottom of the chamber includes a revolving copper coated brass screen for

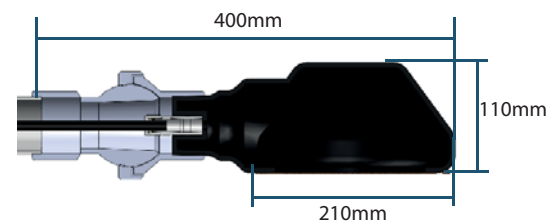
cleaning purposes. The unit is designed to be fitted to existing installations preferably during low water condition. Refer reverse side for results of comparative tests and installation details.

Features

- Robust construction
- Non corrosive material
- Flexible Coupling
- Low bubble rate consumption
- Prolongs the life of the gas bottle
- Longer battery life by reducing the duty cycle operation of a gas purge compressor

Specifications

- Material
 - Body polyethylene
 - Screen brass, copper plated
 - Coupling, 316 Stainless Steel
- Revolving screen for ease of cleaning
- Copper Plated screen to reduce aquatic growth
- Zero lag at 2.5mH₂O with a rate of rise of 9 metres/hour (see manual for details)
- Reduce bubble rate to 10 bubbles/min
- Dimensions 410mmx210mmx110mm



Model GC01P/SS
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N.B. Specifications are subject to change at any time without notice.



Contact Us

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