

ABFL-01

Air Filtering battery 20-5-0.1 micron



Installation manual

Preserve this manual as a reference for future needs.



Used electrical, electronic and stainless steel products should not be mixed with general waste.
For proper treatment, recovery and recycling of old products, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/95/EC and 2002/96/EC.
By disposing of these products correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.
For more information about collection and recycling of old products, please contact your local municipality or your waste disposal service.
Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

The manufacturer is not to be held responsible for any damage resulting from failure to observe the installation standards and the instructions contained in the present manual.

The descriptions and illustrations contained in the present manual are not binding. The manufacturer reserves the right to make any alterations deemed appropriate for the technical, manufacturing and commercial improvement of the product, while leaving the essential product features unchanged, at any time and without undertaking to update the present publication.

The manufacturer declines all responsibility for any consequences resulting from improper use of the product, or use which is different from that expected and specified in the present documents.

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DESCRIPTION

The **air filtering battery ABFL-01** is used together with the air barrier front window flange in order to keep clean the housing's front window, filtering the air from water and oil particles.

The battery is composed by three filters (20, 5 and 0,1 micron) in series, a pressure regulator and a pressure gauge. The water and the oil filtered are collected in 100 cc bowls. The 0.1 micron filter is made up by a microfiber coalescent cartridge which allows an high filtration efficiency of 99,99% on 0,1 mm particles. The regulator filter can keep stable the set pressure regardless of upstream variations. The air filtering battery can easily be installed due to its mounting bracket.

The filtering may be refilled with the microfiber cartridge suitable for the element.

TECHNICAL DATA

Dimensions 250X280x100 mm

Weight 1,5 kg

Max input pressure: 6 atm

Gauge pressure range: from 0 to 6 atm

Filters: 20 micron, 5 micron and 0,1 micron

Input: 1/2"

Output: 1/2" (with 6 mm ext. diameter hose adaptor)

Temperature range: from 5 to 50° C

MOUNTING INSTRUCTIONS

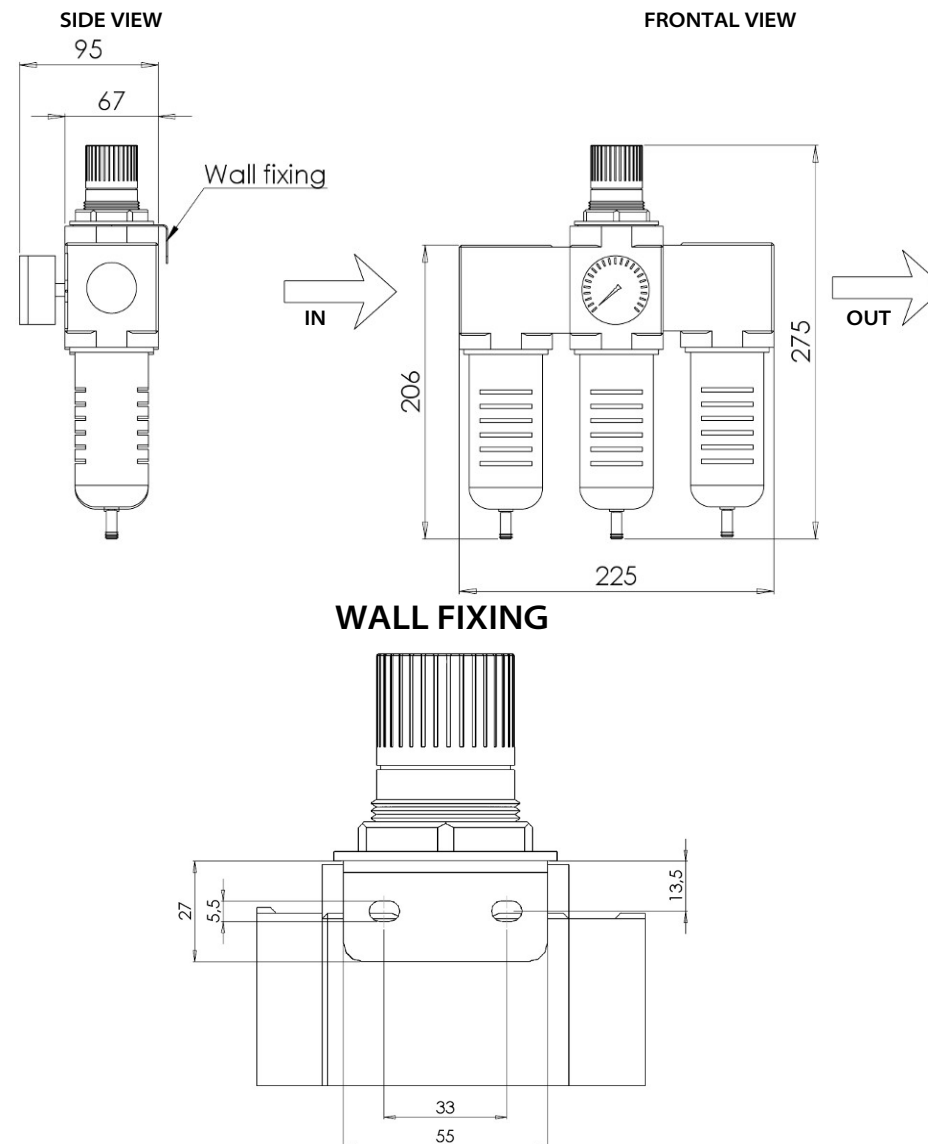
Place the filter in a suitable place and fix it to the wall using the wall fixing.

Connect the air tube to the filter inlet (as shown in figure) with a 1/2" GAS tube.

From the other side, connect the air outlet with an air tube which has to be connected with the front air flange of our camera housing.

Pay attention to 6 atm maximum inlet pressure.

DIMENSIONS



Dimensions in millimetres – Tolerances according QMS – Design and product specifications subject to change without notice