



stop silent light Request for proposal

Stop Silent Light® - Backwater Valve for wastewater

Description

The Stop Silent Light Backwater valve consists of a high quality elastomer diaphragm (membrane) fixed to an expansion flange.

This diaphragm allows an optimal management of the flow of rainwater or waste water through pipes and other pipelines.

The valve is inserted into the existing pipe according to the direction of flow. Using the clamping screw, the mechanism can be tightened with an Allen key supplied on order, which allows the valve to be fixed inside the pipe to be secured.

Due to a small accumulation of water, pressure is exerted on the membrane, which then opens upwards. If the flow stops, the sealing lip re-establishes itself and closes the valve. Under back-pressure, the rubber membrane is filled with water and pressed against the pipe wall, thus preventing backflow. This function also makes gas movement impossible and thus helps to prevent sewage gases from escaping into the living area.

In the direction of flow, a pressure ≥ 0.75 ND is required for the diaphragm sealing lip to open. For waste water containing faecal matter (black water) a minimum constant channel slope of 2% is required.

In addition to its corrosion resistance, the non-return valve has no bearings or joints. It is therefore maintenance-free and operates independently.

Stop Silent Light® Backwater valve

Type: Stop Silent Light

Manufacturer : Lasso Technik Corp., Basel, Switzerland

Nominal Diameter (ND) : _____
 Inner diameter of pipe : _____ mm/in
Max. upstream pressure : _____ bar
(or static water depth) : _____ m/ft
Max. back pressure : _____ bar
(or static water depth) : _____ m/ft



Lasso

Lasso Technik Corp.

Niklaus von Flüe-Strasse 33

4059 Basel - Switzerland

www.stopsilent.com

lasso@lasso.ch

+41 61 331 40 90