Atecpool Overflow Gutter Drain AISI 316

Code 03100282-1 Flow : 7m³/h

1. SAFETY WARNINGS

• The nozzle must be installed by specialized technical personnel.
• Carry out a strict initial visual inspection, in order to detect the possible appearance of signs of oxidation by external agents that were not initially considered.
• Strict compliance with the periodic manual cleaning of the accessories, starting with a weekly frequency, until the optimum time interval is set, always avoiding the formation of dry residue deposits (salts or other types of solids).
• Avoid contact with other metal parts or materials, especially iron, concrete adhesions, etc.
• Ensure the control of the pH, the disinfectant and the correct use of bactericide.
• Carry out daily water recirculation to prevent the formation of deposits on the accessories.
• Never use the suction inlet without the corresponding grille, or if it is broken or if it can be removed without the use of tools, because it could cause serious injury or death to bathers.
• Make sure the gate screws are tight enough.
• Never exceed the flow rates indicated in this manual.
• The manufacturer will not be responsible for the improper functioning of the equipment in case of alteration, manipulation or partial reuse.

2. PRODUCT

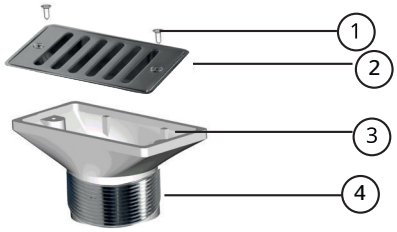
REGULATION

The following product has been built in compliance with European regulations UNE-EN 13451-3:2012+A3:2016. Swimming pool equipment. Part 3: Additional specific safety requirements and test methods for air/water inlet and outlet devices and for aquatic leisure elements that use air/water and UNE-EN 13451-1:2012+A1:2018. Swimming pool equipment. Part 1: General safety requirements and test methods.

FUNCTION

Exclusive product for installation in swimming pools, through which the pool water is sucked in to be treated both physically and chemically.
Installation on the pool walls.
Product valid for both residential pool and commercial pool.
Due to its characteristics, this nozzle is especially suitable for overflow channels.

EXPLODED DIAGRAM



PART	MATERIAL
Screws	Stainless steel
Grid	Stainless steel
Body	Stainless steel
Connection	2″ Male Threaded in Stainless steel

3. INSTALLATION

WARNINGS

The suction socket is designed for installation on the pool wall.
The installation of this equipment must be carried out by a professional with the appropriate tools.
When opening the packaging, check that the actuated valve is the requested model (check the code in the Atecpool catalogue). **IMPORTANT:**Check all the dimensions in the table before starting the installation.
Before starting the installation process, check that you have all the necessary components for the valve assembly, and that the materials, type of connection and nominal pressure are correct for the installation.
In case of installing more than one intake in a swimming pool, a distance greater than 2 m must be left between them. It is essential that the suction equipment (pumps) do not suck in a flow greater than that indicated in this manual.
All suction intakes must be installed in accordance with the current codes and standards of the country of use, at the time of installation.

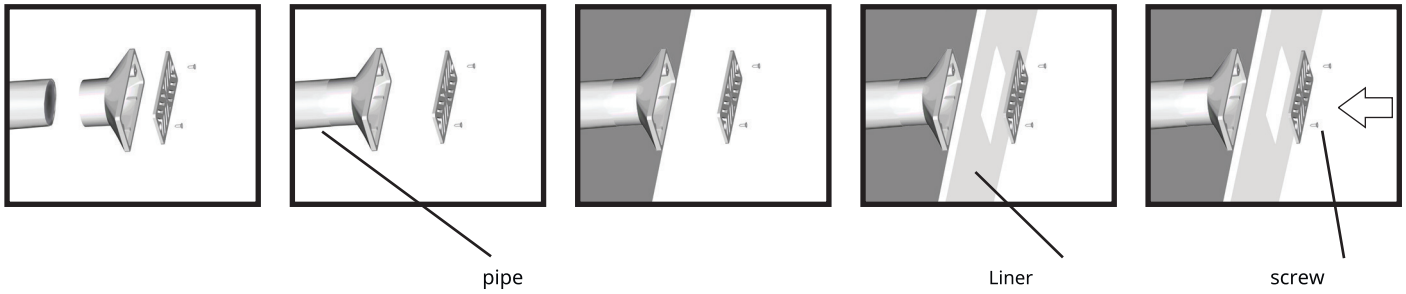
. **INSTALLATION DIAGRAM**

The following requirement will be met:
Multiple suction drainage system designed so that:
- a minimum of two operational suction drains per pump are installed.
- the distance between the closest points of the perimeters of the devices≥2m
- if any of the suction drains become blocked, the flow through the remaining drain(s) is adjusted to 100% of the flow rate.

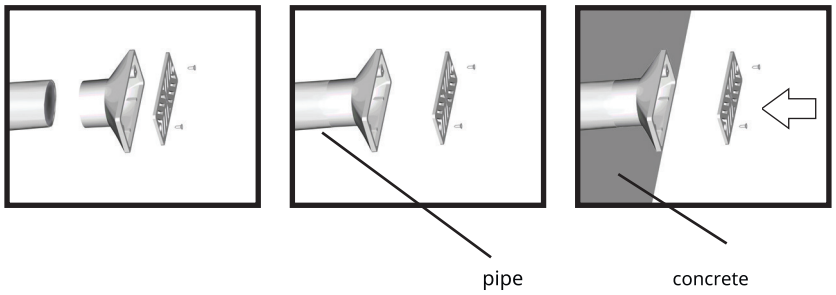
In addition, a suction emptying system must be provided.
Vacuum emptying systems typically respond to a blockage of an individual drain by:
- Stopping suction by disconnecting the pump.
- The outlet of the water through an evacuation tube to allow the entry of air into the suction system.
- The use of self-operating valves to reverse flow down the drain or suction drains.
- The opening of a valve at atmospheric pressure to cause the pump to lose effect.

In the case of installing the accessory in concrete pools, it is recommended to remove the grating at the time of installation and protect the entire upper part of the intake, especially the screws.

LINER POOL



CONCRETE POOL



4. OPERATION

As a required measure before the first use, the general condition of the suction intake, of the grille must be checked, that its screws are well tightened once installed in its final location, and in the case of prefabricated pools type " liner", that have the joints correctly placed.

Check the passage of water through the intake and that it drains perfectly, before filling the pool completely.
Once the pool is full, check that it is working properly by starting up the pump and check that it does not have a suction flow greater than that indicated in the technical sheet.

5. MAINTENANCE

Periodically check that there are no objects or dirt trapped in the grid, which would cause an increase in speed at the other suction points.