

Installation

Valve open

Valve closed

This product consists of a weighted float with enough buoyancy to remain suspended within a through with water. The sealing mechanism is closed by water pressure. As the water level drops, the float will open the seal to allow the water to flow. When the desired water level is reached the valve will close as the float no longer exerts a force on the valve mechanism.

Unique features

1. The compact design of the Eduan float valve allows its installation into small spaces resulting in cost savings.
2. The Eduan float valve has a high flow rate even at low pressures, for example:
**21 L /min @ 50 kPa and
48 L /min @200 kPa.**
3. The float valve seals effectively under low as well as high pressures. It opens fully when water flows, to ensure a high flow rate.
4. The large valve opening reduces the risk of blockage and the swirl action of the water avoids build-up of clogging material, (for example: sand or organic material).
5. Because of the construction materials, calcium build-up is prevented.
6. Maximum operational pressure is **500 kPa**.
7. Durable materials are used throughout: Stainless steel 304 for the actuator and the fulcrum component, ABS for the lock nut, valve and seal body, polypropylene for the float and spigot while for the seal neoprene is used.
8. In case the float is damaged, the valve will close and no water will leak out and no wastage will occur.
9. Because of the low wear rate of the components, the product has a long operational life.

The valve body and valve stem must be installed in a vertical position, allowing the valve to operate at low as well as high pressure. **The valve stem must be suspended at the back of the float fulcrum.**

Note: The water in the ball must not be removed or altered!

This float valve will function at pressures below its maximum pressure of 5 bar. At higher pressures it will remain closed.

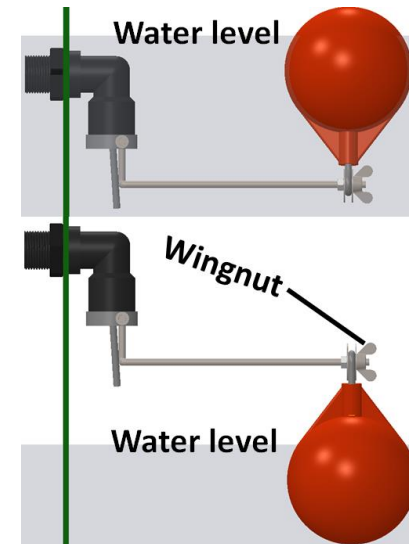
10. Although great care is taken during manufacturing, the product can be damaged, if used under sub-zero conditions.

New and Improved design

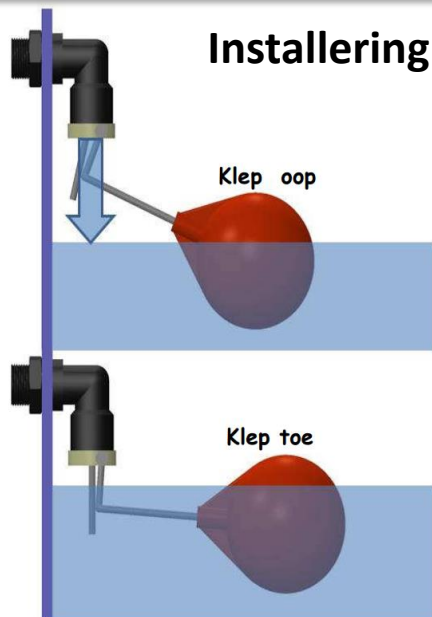
The Eduan float valve, which has been in production for the last 30 years, now includes a valve body and seal body that are both made from ABS plastic and screwed as well as glue welded together.

Adjustable float

The new adjustable version ETAF25 includes an adjustable float that can adjust the required water level. Adjustment is as simple as loosening the Wingnut and repositioning the float as presented in below picture.



Installering



Die klephulsel en die klepstang moet in 'n loodregte posisie geïnstalleer word sodat die klep by hoë sowel as lae druk sal funksioneer. **Die klepstang moet aan die agterkant van die bal-arm hang.**

N.B Die water in die bal moet nie verander of verwyder word nie!

Hierdie vlotter-klep funksioneer onder die maksimum druk van 5 bar. By hoër druk sal die vlotter-klep toe bly.

Die vlotter-klep bestaan uit 'n geweepte vlotter (bal) met net genoeg dryfbaarheid sodat dit nie sink nie. Waterdruk laat die seëlmeganisme sluit, en soos wat die watervlak in die krip daal, daal die bal en sodoende open die bal-arm die klep vir die water om deur te vloei. Sodra die verlangde watervlak bereik word, sluit die klep, omdat die bal-arm nie meer krag daarop uitoefen nie.

Unieke Eienskappe

1. Die kompakte ontwerp maak installasie in klein spasies moontlik met gevolglike kostebesparing en laat ook 'n groter drinkspasie in krippe toe.

2. Die Eduan vlotter-klep lewer 'n sterk vloeitempo, ook by lae druk, byvoorbeeld:

21 L /min @ 50 kPa en 48 L /min @200 kPa

3. Die klep seël uitstekend by hoë-, sowel as lae druk en open volledig wanneer water invloei, om 'n vinnige vloeitempo te verseker.

4. Die groot klep-opening waardeur die water vloei, skakel verstopping uit en met die kolk-aksie van die water spoel onsuiverhede, soos sand en organiese materiaal, maklik uit.

5. Die rou materiaal wat gebruik word verhoed aankalking. Selfs slyk in die water word deurgespoel en veroorsaak geen verstopping nie.

6. Maksimum bedryfsdruk is **500 kPa**.

7. Duursame materiaal word deurgans gebruik: vlekvrystaal vir die bal-arm en klepstang, die sluitmoer, klepaanhegstuk en klephulsel van ABS, die vlotter van polipropileen en die seël van Neoprene.

8. Indien die bal beskadig sou word, sal die klep sluit en dus sal geen water uitlek en dus vermorsing verhoed.

9. As gevolg van die lae wrywing-slytasie werking gee dit die klep 'n lang operasionele leeftyd.

10. Alhoewel alle sorg gedurende vervaardiging geneem word om 'n goeie produk te produseer, kan die produk beskadig word wanneer die klep in vriestoestand funksioneer.

Verbeterde Ontwerp

Die Eduan vlotter-klep, al in produksie vir 30 jaar, bevat nou 'n klepaanhegstuk en klephulsel altwee vervaardig van ABS plastic vas geskroef sowel as gom vasgesweis

Verstelbare vlotter

Die nuwe verstelbare weergawe, ETAF25, sluit 'n verstelbare vlotter in waarmee die watervlak verstel kan word. Verstelling is moontlik deur die Vlerkmoer los te maak om sodoende die vlotter te herposisioneer soos voorgestel hieronder.

