

# Product Description Deltec Skimmer 400i

## 1) Technical details

- Aquarium size 100 to 400 liters
- Dimensions (LXBXH): 20,5 x 12 x 51 cm
- DC Pump Deltec DCC 1 (24V)
- Power consumption 5 - 12 watts
- Air volume 450 litre per hour (max.)
- For sumps with 15 to 25 cm water level

## 2) Product Details

- Highly efficient cylinder shape
- Safe by newly developed emergency overflow with water level indicator
- Whisper quiet through a new hollow chamber floor
- Extremely low power consumption
- Quick and easy removal of the pump
- Variable adjustable pump

## 3) Product description in detail

### Emergency Overflow

Deltec skimmers are characterized by particularly good skimming results. The **Deltec Skimmer 400i** has a newly developed emergency overflow. This prevents the "overcooking" of the skimmer when the water level in the skimmer rises. This can happen, for example, by discontinuing the conveyor pump and by adding additional water to the filter sump. But even if there are problems with the air supply, e.g. by bending the silicone hose or foreign body in the air intake line, the water level increases. This can cause the skimmer to "boil over" and the water rises so high that it is pressed into the foam pot and the broth is rinsed back into the aquarium. This leads to an extreme load of water. Due to the emergency made by Deltec this is prevented and thus the aquarium protected from impurities.

### Emergency overflow pipe & regulator pipe

The water level in the skimmer can be read off at the emergency overflow pipe. In addition, the minimum and maximum markings help to optimize the water level. By the possibility to exchange the emergency overflow pipe with the regulator pipe, the user has the possibility to decide how the pipes are arranged.

### Pump

The **Deltec Skimmer 400i** is operated with the Deltec pump DCC 1. This 24V DC pump can be controlled via a ten-stage controller and can be optimally adjusted to the water level and the water load. On the (for most aquariums) optimal level 7, with only 5 – 12 watts about 300 liters of air are generated. The maximum are 450 litre per hour air.

### **The Ergonomic Cylinder Shape**

Thanks to the ergonomic cylinder shape, the **Deltec Skimmer 400i** achieves the best results with skimming. The shape of the skimmer does not taper upwards. This allows the small air bubbles to rise unhindered, are fully saturated and burst only in the riser of the foam pot. From there, the collected broth can be discharged via a drain hose without having to take the foam pot down.

### **Hollow Chamber Floor**

An additional innovation of the **Deltec Skimmer 400i** is the hollow chamber floor. This helps to dampen the noise still further, whereby the already quiet **Deltec Skimmer 400i** is called "whisper quiet". In addition, the water flows back through the hollow chamber floor. The water is fed at the lowest possible point out of the skimmer, as a result of which almost no air bubbles can flow into the aquarium.

### **Dismantling, Dimensions & Construction**

The regular cleaning of the pump is very easy thanks to the simple and fast dismantling of the skimmer. **Deltec Skimmer 400i** can be mounted and disassembled without tools. Our tests have shown that the pump can be removed from the skimmer in less than 20 seconds.

The dimensions of our skimmer are chosen so that they can be placed comfortably in their filter basin. Due to the high volume of the cylinder shape, a small base area is sufficient. You can operate the **Deltec Skimmer 400i** variably in 15cm to 25cm water depth.

We hope you enjoy your hobby and thank you for your trust ....

Your Deltec team