

## 2. INSTALLING THE INCUBATOR

Follow these steps to install your aquarium. You may refer to the reference images that follow each step at any time. We also have a French video explaining every step. Click on the picture to follow the link.



**Important note : the installation must be done 72h prior to you egg delivery.**

1. To maintain as much control and to be able to closely monitor the incubator, we suggest that you install it in the classroom rather than in another space such as a study room or another location with no regular supervision. Make sure you have a table or platform that is wide enough, stable, and leveled. The aquarium, once filled with water, is extremely heavy (180 kg) and will require proper support.
2. The filter, cooler and gravel should be rinsed with water to remove any dirt or dust left during the time it was in storage. If you are unsure of how to clean the aquarium before storing your incubator equipment, it would be best to rewash it along with all the components using a bleach solution (1/10), and then finally rinse it thoroughly several times with water. Do not rinse any components of the filtration system with bleach only. The solution must be dissolved.
3. Optional : Cover the bottom of the aquarium with the rocks and gravel that you have cleaned and disinfected beforehand. Only one layer of gravel is enough. Too much gravel will make it harder to see the fry after hatching.
4. Let the water run for three minutes before starting to fill the aquarium. Fill the aquarium with tap water up to 2 inches from the rim of the aquarium and let it stand for a minimum of 72 hours to allow the chlorine in the water to evaporate.

## 5. Assembling and installing the filter

**Fluval:** DO NOT CONNECT THE FILTER UNIT UNTIL THE AQUARIUM IS FILLED WITH WATER AND THE INSTALLATION IS COMPLETE.

New material: remove the plastic bags and put the components in the baskets. Install the silicone band in the middle where there is a space for it. It is very important to install correctly, otherwise you'll have water coming out of the handles.



Position of the silicone band

Used one: Make sure to rinse the material then put it in the designated basket (see picture in the previous section for reference). Make sure all the parts are ok and that the silicone band is still at the right place.

This filter unit works using gravity, which means that the system must be positioned **below** the aquarium. The height distance between the floor/filter unit should be within 1.4 meters from the top edge of the aquarium tank.

1. Assembling the different hoses and components. If you have the white strainer hose, you must place it at the bottom of the aquarium and connect it to the filter's water inlet (IN).

Connect a hose from the filter's water outlet (OUT) to the cooler's water inlet (IN).

Connect a third hose from the cooler's water outlet (OUT) to the aquarium. Use the outlet nozzle provided for this purpose and install it on the rim of the aquarium (could be black or transparent).

Make sure that the hoses are not looped or twisted together, otherwise this could result in a system malfunction.



**DO NOT FILL THE RESERVOIR WITH WATER YET. DO NOT CONNECT THE FILTER AT THIS POINT.**

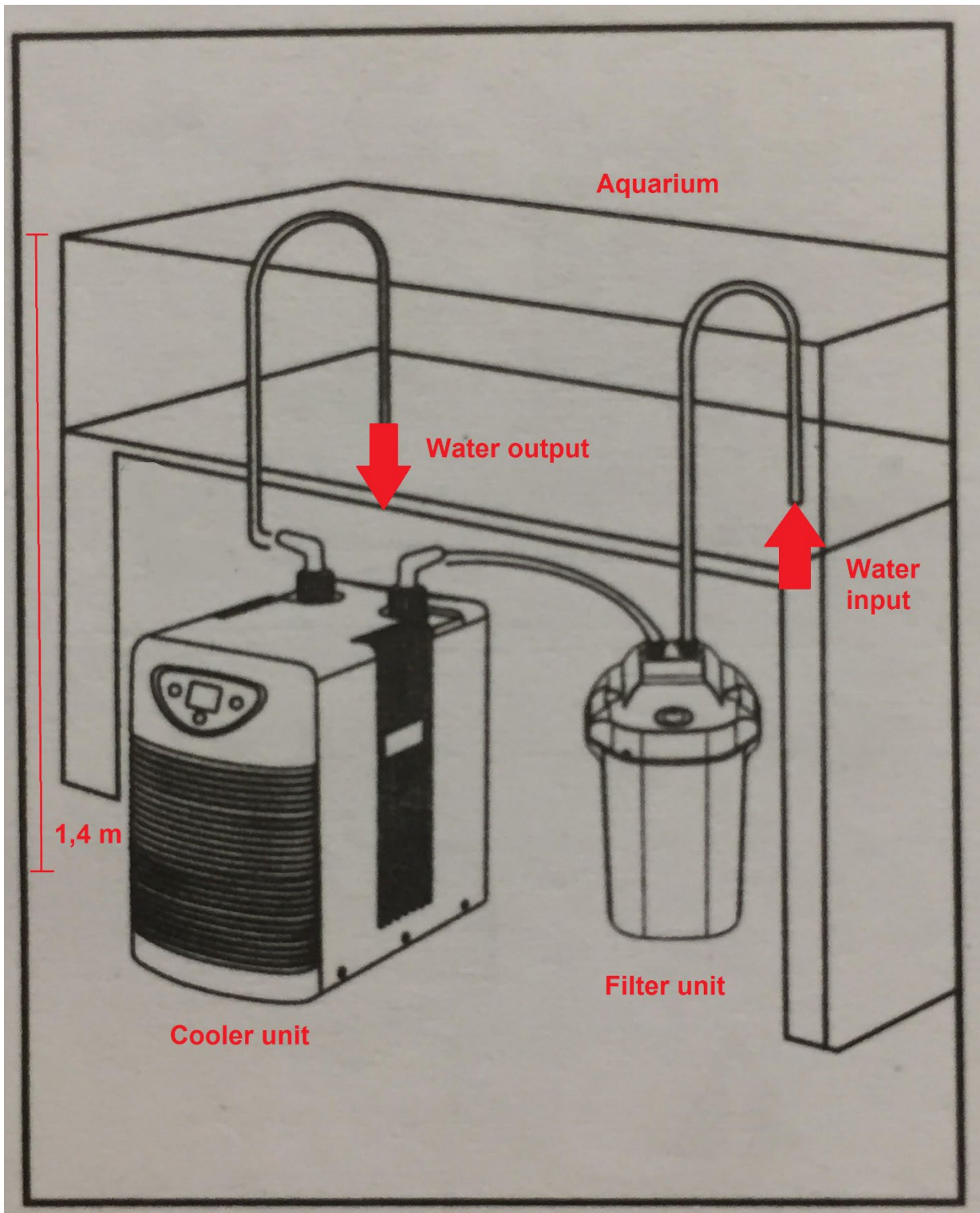
2. Pump the instant-prime handle by pulling it up and pushing it down several times (see picture).



Once you hear water being drawn into the unit, return the instant-prime handle to the down position. Air will be expelled through the output nozzle, causing the water in the aquarium to bubble. Once the bubbling in the tank stops, you will know the air is out of the system, and the reservoir is full. Plug the power cord into an electrical outlet and the pump should start immediately.

3. Adjust the water temperature according to the thermometer in the aquarium. Temperature should be maintained between 4 and 6 °C to ensure the survival of eggs and fry. Gradually decrease the temperature to 5 °C (1 °C per day).
4. Learn how to operate the system beforehand so that you are comfortable when the eggs arrive. Know where the ON/OFF controls are located. Experiment with the degree difference between your aquarium thermometer and the cooler unit's thermostat. Always rely on your aquarium's thermometer reading.
5. Make sure that the incubator is ready when the eggs arrive and that the temperature in the aquarium is stable - between 4 °C and 6 °C (thermometer reading). The representative who will deliver your eggs will be able to provide you with any information specific to your sample.

## Final assembly image of the incubator with the Fluval filter unit







### Instructions for the ActiveAqua cooling unit

- Before turning on the cooler, make sure that the filter is working and that the water is circulating properly (see steps 5 and onwards describing the Fluval filter installation process)

#### → Aquarium temperature display

- Press the "SET" button for more than 2 seconds or until the number "2" appears
- Press the "SET" button a second time and the number "2" will disappear, and this time the aquarium temperature will appear

#### → Changing the temperature

- Press the "SET" button for more than 3 seconds until the number "2" reappears