

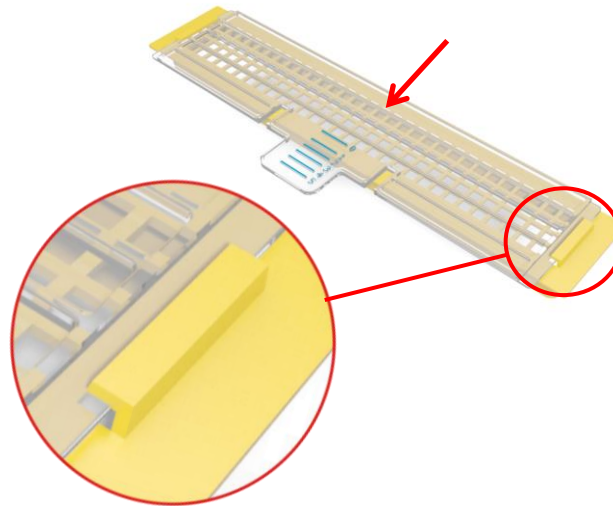
### ASSEMBLY

**1:** Fit the water pan shutter to the water pan cover.

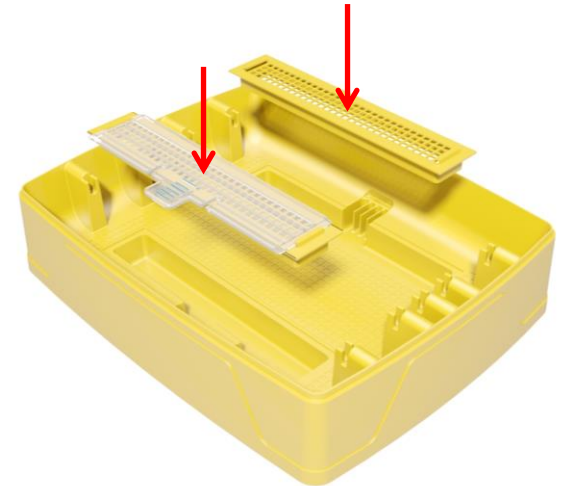
**2:** Place the water pan covers into their positions in the base.

See section 6 for advice on humidity.

1.



2.



### ADJUSTING THE RELATIVE HUMIDITY LEVEL

**1:** To maintain a low humidity level do not add water to either of the pans.

To increase humidity, first add water to the water pan with the sliding shutter and set the sliding water pan shutter to achieve the desired humidity level (0 = lowest to 5 = highest).

To further increase the humidity, add water to the second water pan and remove the sliding water pan shutter from the first water pan as necessary.

**2:** To fill the water pans take the lid off. Open the sliding water pan shutter if fitted. Carefully pour water into the fill points ensuring you do not fill beyond the "MAX" (as shown in diagram 2).

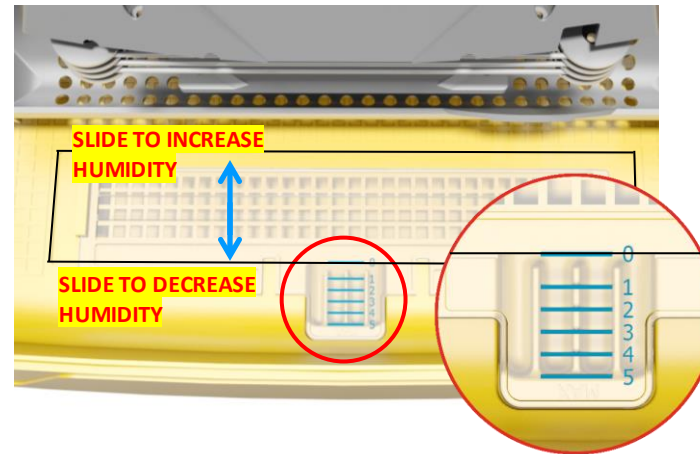
Humidity levels may be further increased by placing strips of evaporating card or cloth into one or more of the water channels. Evaporating card is available from Brinsea Products.

### HATCHING

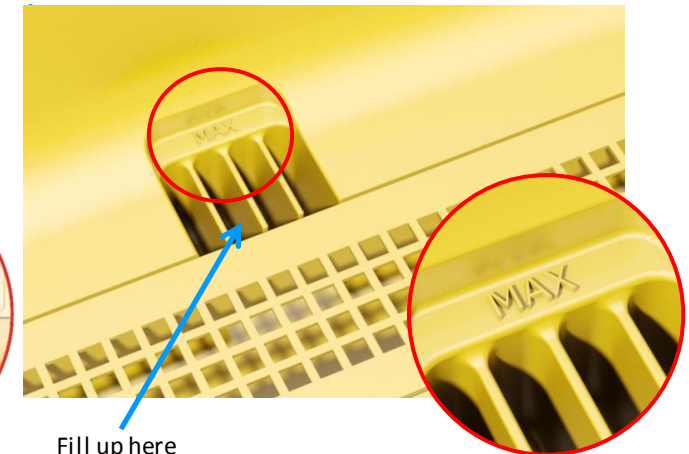
In all cases the humidity for hatching needs to be high. Because of the short duration involved water/weight loss will not be significantly affected. High humidity is necessary to prevent membranes drying and hardening before the hatch fully emerges. Humidity will naturally increase as the first eggs begin to hatch and internal membranes begin to dry. This effect is in addition to the increased area of water evaporation from the water channels.

During hatching the high humidity levels will fall dramatically when the lid is opened and will take some time to build up. Resist the temptation to lift the lid frequently – leave for at least 6 hours between inspections.

1.



2.



In practice the minimum and maximum levels of humidity achievable in an incubator depend upon several factors including the ambient conditions in the incubation room. You may need to allow 24 hours for humidity to fully stabilise after making changes.

**If you cannot achieve the relative humidity level required consider these notes:**

#### Humidity will not go low enough

- Open the adjustable air vent fully to help.
- Slide the water pan shutter to the lowest setting (0).
- Remove all water.
- A lower limit will be determined by the moisture content of the ambient air, particularly in warm humid conditions. This can only be countered by dehumidification of the room air outside the incubator with a proprietary dehumidifier but is rarely a problem in practice.



Close the vent to increase humidity or open the vent to decrease humidity.

#### Humidity will not go high enough

- Close the adjustable air vent to its minimum setting to help. Remove the water pan shutter. Fit evaporating card strips available from Brinsea or your stockist.

#### Condensation

It is normal for some condensation to occur on the cooler exposed parts of the clear top. This natural phenomenon is not a hazard or a problem for incubation but may indicate the room is cooler than optimum.