

Recommendation: Humidity Water Adaptor



The humidity water adaptor is designed to reduce the surface of water in the drawer type incubator AD-3100GC. It is recommended to use this adaptor in order to get rid of the condensation on the lid of drawer if there is any of it.

When the ambient air is cooled down under 25C, the drawer type incubator may experience some amount of condensation on the front side of the lid where cold air slip into the gap between the drawer and the top the drawer slot. When this adaptor is used, the humidity water is located in the back side of the drawer. The cold ambient air may still go into the gap but doesn't travel to the back. Or it would most likely be warmed up when reaches to the back.

The adaptor fits in the current water slot as shown in the image below. It has small teeth sticking out at the tip of the adaptor so it only fits in the this way, preventing the wrong use of the adaptor that would cause more condensation.



The adaptor comes with a small hole in the front as shown in the image to grab on the adaptor when it is removed from the water slot.



Humidity Recovery time

Humidity recover characteristic is shown in the graph below. It indicates the humidity recovery after 15 seconds lid opening. There is only 1.5% difference with or without the adaptor even though it takes several minutes longer to build up the humidity.

