



AIRWASHER - AIRHANDLING UNITS - DEHUMIDIFIER

Productinformation

FRP – Reinforced fibreglas

Reinforced fibreglas (FRP) is a **high quality fibre-plastic-system** made of a plastic compound (for example polyester resin) and fibreglas.

On the basis of the very intensive contact between air and water in a humidifier, a very moist and material-incriminating surroundings comes into being.

Therefore humidifiers must be manufactured out of **high-quality** and **corrosion-solid materials**.

The best material for this is that also in aggressive surroundings (for example acid concentrated air) **absolutly_corrosion-solid** and resistant material reinforced fibreglas (FRP).

This construction-material enables without any high additional charges to produce in

- **sandwich-construction**
(with a PU foam or mineral wool filling) an
- **outstanding casing-insulation,**

which becomes sometimes necessary under designated temperature- or dew-point circumstances to avoid condensation water.



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The material FRP is proved over decades very well in thousands of **UNITECH**-humidifiers under the most different use-conditions and offers the assurance that **no corrosion-damages** can appear after also many operation-years.

The used temperature-constant particular resin together with the further high-quality components of our system-supplier provides outstanding quality of our **self-produced FRP-casings**.

FRP-panel of the cross-section as sandwich-construction

