

## ELUFT BASIC

Our latest eluft station has been designed specifically for small ETFE cushion roofs or façades.

A volume of up to 50 m<sup>3</sup> can be supported extremely economically and without complicated controls and sensor systems.

The eluft basic is housed in a powder-coated, weatherproof aluminium casing. It can be opened by removing the lid, which is fixed and sealed by a UV-resistant strap to the frame of the casing. The strap is also meant to secure the basic eluft to the actual location as it is screwed to the floor.

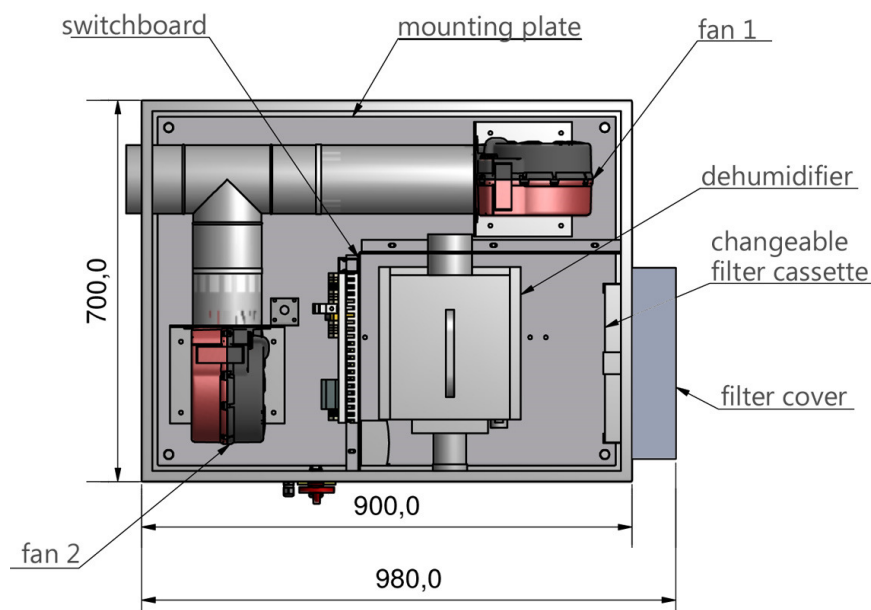


The air machine is switched on by a main switch. Inside the eluft there is a selector switch with 4 positions, 1 being for a pressure of approx. 100 Pa and 4 for a manually preselected pressure of approx. 400 Pa. The positions 2 and 3 also correspond to the respective pressures of 200 Pa and 300 Pa, and must be manually selected depending on the pillow form or snow conditions.

The air supply is permanent in the respective stages. This is achieved by the corresponding rotational speed of the fan.

For safety reasons the fans are, as with all eluft stations, redundant and alternate every nine hours. In case of failure, the system is protected by check valves.

The only sensor is a P-Min switch, which activates an alarm if the pressure falls below the preset value and starts both fans in parallel. Of course, the basic eluft has a dehumidifier to avoid condensation inside the pillows.



**The basic eluft comes at a price of 4,440 € ex works, available now.**