

Product name:
Shower Transfer Unit

Description:

The Shower Transfer Unit (STU) is used to collect grey water from the shower tub through a drain sieve. It contains two level sensors (high / low), which are used by a Greywater Chamber Controller (GCC) for control of the chamber-connected shower drain valve.

Operating Conditions

The STU is designed to be used within aircraft cabin and to meet RTCA DO-160D.

Operating Environment:

Temperature: $-15^{\circ}\text{C} \leq T_{\text{ops}} \leq 70^{\circ}\text{C}$
Altitude Pressure: 15.000 ft

List of Equipment:

Name	Part-No.
Shower Transfer Unit	STU-10-000337-01

General Layout:

The STU is integrated with the shower. The housing has four greywater inflow pipes (MS33660-8) and one outflow pipe (MS33660-16). Elements are made of the following materials:

Level Sensor: POM* / brass

Drain Sieve: brass

Umbrella / Sleeve: POM*

*POM: Polyoxymethylene

Connectors

Electrically connected to GCC with cable SK-ALW-435

Connector type: ASN-E0053R8B3AP

Dimensions:

Diameter, height: 285 x 103,5 mm

Weight:

Approx. 2,5 kg

