

Product name:
Flush Valve 1" Symmetric

Description:

The Flush Valve is integrated in the potable water system and / or grey water system. The Flush Valve is electrically driven and the motor is protected by a thermal protector. It is controlled by the Water System Controller (WSC) and the Greywater Chamber Controller (GCC) to execute commands (open and close).

Operating Conditions

The Flush Valve has been designed to be used within aircraft cabin and to meet RTCA DO-160D.

Operating Environment:

Temperature: $-15^{\circ}\text{C} \leq T_{\text{ops}} \leq 75^{\circ}\text{C}$
Altitude Pressure: 15,000 ft

List of Equipment:

Name	Part-No.
Flush Valve 1" Symmetric	9613010-0301

General Layout:

Aluminium and plastic housing with two interfaces for Connector actuator and Connector A/C and two ports MS33660-16.

Power Supply:

Voltage: 28 VDC
Power consumption: 1.5 A I_{max}

Dimensions:

167 x 111.5 x 73.7 mm

Weight:

Approx. 1.1 kg

Pressure

Maximum operating pressure: +1.0 bar
Minimum operating pressure: -0.57 bar
Maximum proof pressure: +2.0 bar
Minimum proof pressure: -1.0 bar

