

Fill And Drain Device

>SCSFD380<



AIRBUS CERTIFIED

Developed to fill and drain both circuits of the Supplemental Cooling System (SCS) in the AIRBUS A380, i.a.w. ATA Chapter 21.
AIRBUS number of certificate: GCA D21010

- > Fully automatic fill, drain and top up of the Supplemental Cooling System
- > Communication between SCS - control and unit during automatic runs (with parameter monitoring)
- > Integrated fill-pump for possible external fill of the hydraulic reservoir
- > Supply of nitrogen with internal bottles or external
- > Electric driven hose drums
- > Fully automatic water separation with coalescer filter
- > Easy operation via Touch - Panel

TECHNICAL DATA

<p>> Electrical supply:</p> <p>Mains supply: 3/N/PE AC 50/60Hz 400V Power: approx. 14.6kVA Nominal current: approx. 21A Preliminary fuse: 32A</p>	<p>> Connections (A/C, 15m hose each):</p> <p>Fill Port: NW 25 Drain Port 1: NW 25 Drain Port 2: NW 25 Vent Port: NW 12 Gas Charging Port: NW 6</p>
<p>> Main reservoir:</p> <p>Capacity: approx. 450l Medium: H-Galden HT135 / ZT130</p>	<p>> Measurement range:</p> <p><u>Pressure measurements:</u> Galden pressure (supply): 0 to 40bar Cl. 0.5 N₂ - Pressure (output): 0 to 10bar Cl. 0.25 N₂ - Pressure (input): 0 to 400bar Cl. 2.5 N₂ - Pressure (reservoir): 0 to 1bar Cl. 2.5</p> <p><u>Flow measurements:</u> 0 to 90lpm</p>
<p>> High pressure-radial pump:</p> <p>Fluid quantity: 90lpm at 30bar Flow and pressure adjustable</p>	<p>> Dimensions and weight:</p> <p>Length: approx. 3,090mm Width: approx. 1,410mm Height: approx. 1,635mm Weight: 1,800kg</p>
<p>> Ambient temperature:</p> <p>-20°C to +55°C</p>	

OPTIONS

A wide range of options is available to fulfil our customers' requirements.
 e.g.: Adaption for other aircraft types, different touch-screens, etc.