

# FONTUS-U1™

POTABLE WATER SUPPLY SYSTEM



'ONE-PIT-STOP' SUPPLY OF POTABLE WATER TO STATIONED AIRCRAFTS. FLEXIBLE AND CONSISTENT QUALITY WATER SUPPLY UNIT FOR MOUNTING ON THE PBB

# FONTUS-U1™

POTABLE WATER SUPPLY SYSTEM



FONTUS-U1™ provides reliability and consistency in the delivery of potable water to a stationed aircraft.

FONTUS-U1™ can easily be mounted on to PBB's, supporting the 'one-pit-stop' philosophy for servicing aircrafts.

TEAM has supplied Potable Water Supply Systems for more than a decade to airports in Europe and Asia.

## THE ADVANTAGES OF THE BPH FONTUS-U1™

- Rugged stainless steel cabinets to ensure long lifespan
- Cold weather designs for durability and safety
- Multiple bridge mounting configurations for flexibility of use with different Passenger Boarding Bridges
- Apron mounting configurations

## TECHNICAL SPECIFICATIONS

<b>Cabinet</b>	Constructed in A 304 stainless steel with insulated wall, with removable top for easy maintenance
<b>Cabinet size</b>	6 sided, 100 x 70 x 140 cm dimensions
<b>Hose</b>	Hose reel with 125 feet of a 3/4 inch FDA approved PVC hose with 3/4" aircraft Power Water connector with dust cup, a 3/4" ball valve and a rubber hose stop
<b>Filter</b>	50 micron filter with backflow preventer and pressure regulator with a pressure gauge
<b>Electrical</b>	240 VAC / 60 Hz and 24 VDC for control

<b>Working temperature</b>	-25/+120 °C
<b>Thickening agent (Soap base)</b>	Lithium
<b>Type of base oil</b>	Mineral
<b>Drop point, °C (ASTM D-566) min.</b>	180
<b>Welding load (IP-239), Kg:</b>	>250
<b>Penetration at 60 w, (ASTM D-217)</b>	265/295
<b>Mechanical stability (ASTM D-217)</b>	-20/+45
<b>Timken load, 1b/min. (ASTM D-2509)</b>	50
<b>Oxidation stability, 100°C (ASTM D-942), max.</b>	0.55 bar
<b>Resistance to water washing, max (ASTM D-1264)</b>	4%
<b>Corrosion test EMCOR (DIN 51802) max.</b>	Grade 1
<b>Copper corrosion 24h/100°C, max (ASTM D-130)</b>	1b



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