

NPS-A6

AIRCRAFT

POTABLE WATER TREATMENT

UNIT

Designed to handle any challenge by incorporating stainless steel chambers, advanced ultraviolet lamp technology and fail-safe monitoring.

The NPS-A6 provides clean, safe water at up to four gallons per minute.



INTERNATIONAL
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NPS-A6

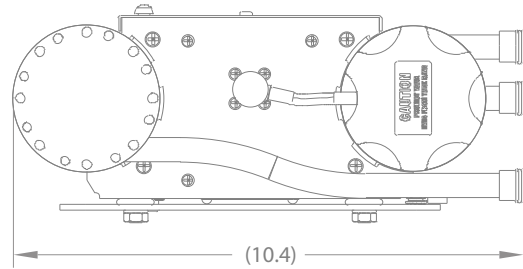
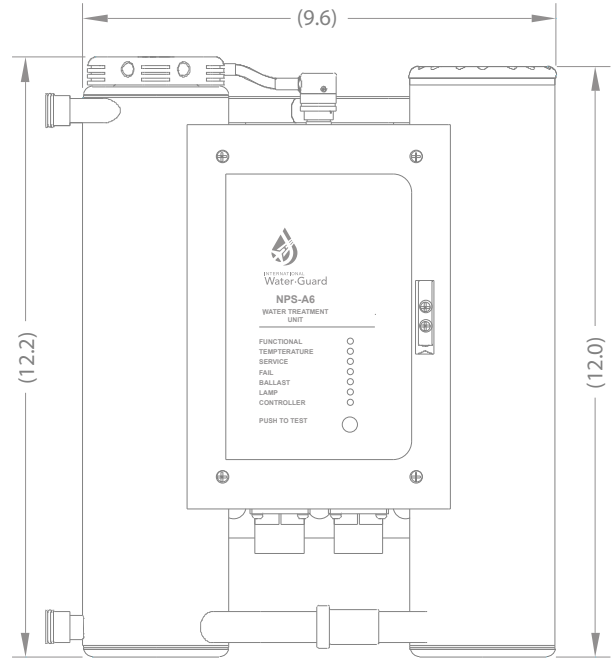
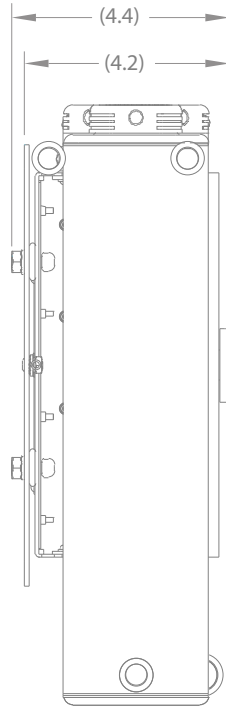
AIRCRAFT

POTABLE WATER TREATMENT UNIT

PHYSICAL

- Overall Dimensions:
High: 12.2" (310 mm)
Wide: 10.4" (264 mm)
Deep: 4.4" (112 mm)
Net Weight (Dry): 10.5 lbs (4.8 kg)
(Including carbon filter and support plate)
- Electrical
Input Voltage: 28- VDC (Nominal)
Nominal Current: 2.0 A at 28VDC
Voltage Reversal:
Tested to RTCA/DO-160D
Transient Protection:
Tested to RTCA/DO-160D
Conducted EMI:
Tested to RTCA/DO-160D
Electrical Interface:
5-pin connector D38999/20FD5PN (Power)
18-pin connector D38999/20FD18SN
(Communications)

SCALE: INCHES



ENVIRONMENTAL

- Temperature Range:** Operating ambient
0° to +40°C (+32°F to +104°F)
Storage: -55°C to +85°C (-67°F to +185°F dry)
Flammability: FAA, FAR Part 25 and
TCCA/EASA requirements
Vibration: Tested to RTCA/DO-160D
Shock: Tested to RTCA/DO-160D
Ventilation: Cooling and venting is by
natural convection

PRESSURE/FLOW

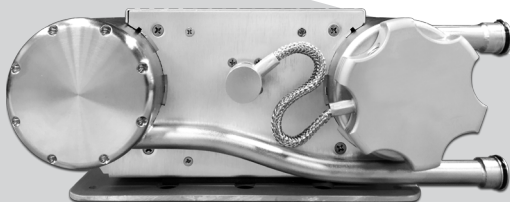
- Maximum Pressure/Flow:**
60 PSIG
Maximum flow Rate:
4 US GPM at NSF Class "A" disinfection
levels
Pressure Drop: 5.0 PSI
Filtration: Replaceable carbon or
sediment filter cartridge

(AIP) AUXILIARY INDICATOR PANEL

- Overall Dimensions:
High: 3.3" (84 mm)
Wide: 2.9" (74 mm)
Deep: 2.2" (56 mm)
- Electrical: 5VDC powered from
A6 communication connector
Electrical Interface: Connector: 13-pin
connector MS38999/0FB35SN

STATUS INDICATION

- A6 status on unit front panel and optional
auxiliary indicator Panel
- Seven indicators to display unit status
- Discrete levels of the seven indicators are
available via communication connector.



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