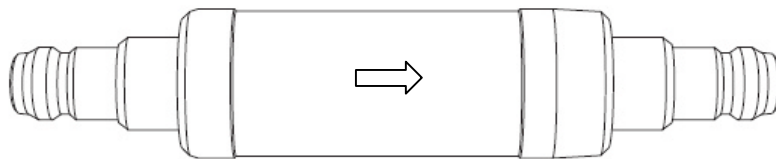




Jet Crystal IWFC
Patented

Aircraft Potable Water Filling filter Cartridge

**For prevention of aircraft water tank and water system
contamination by bacteria and particles**



**The IWFC Water Filter Cartridges are intended for a daily use
(filtration of the aircraft potable water during water filling)**

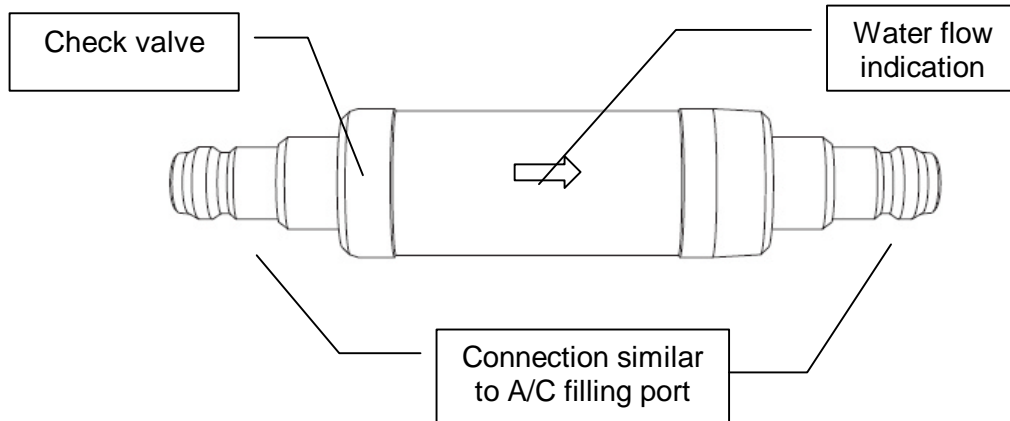
The IWFC Filter Cartridges are one use disposable cartridges

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DESCRIPTION



IWFC Water Filter Cartridges Technical Specification

Dimensions

- Length: 150 to 315 mm
- Diameter: 50 to 65 mm

Technical Specification

- Body: Thermo Plastic – ABS type
- Filtering system: Hollow fibres with porosity of 0.1 to 0.3 microns
- Maximum pressure: 6 bars
- Maximum water temperature: 65°C
- Check Valve: to prevent water and bacteria back flow during filling process
- One time Usage

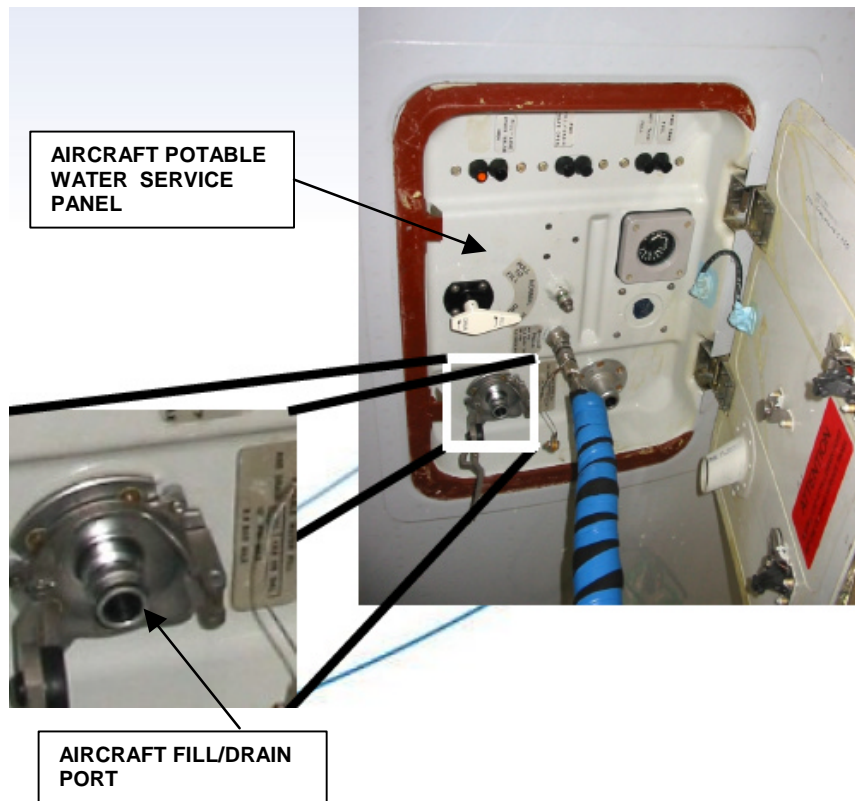
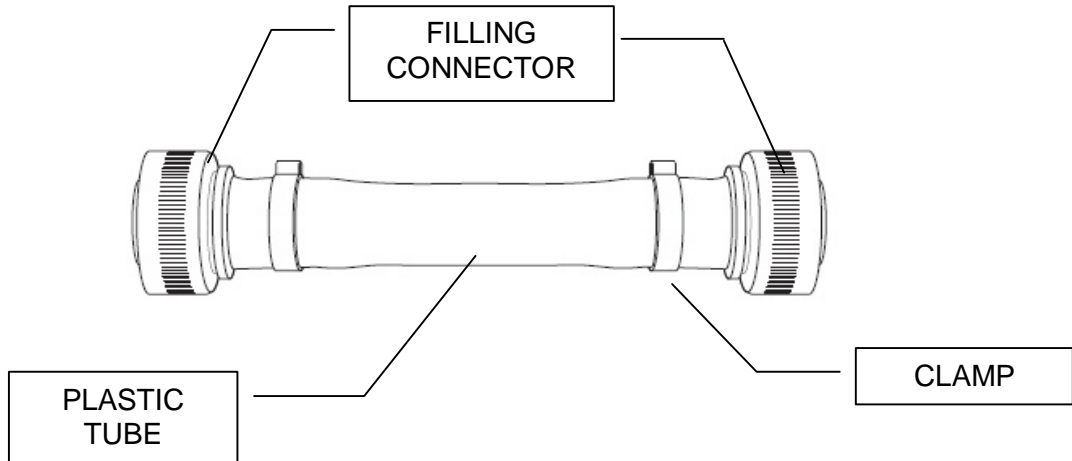
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INSTALLATION OF IWFC WATER FILTER CARTRIDGES

The IWFC filter cartridge is connected to the aircraft potable water FILL/DRAIN PORT at the aircraft Potable Water Service Panel through an adaptor (PN IWFC-ADP19).



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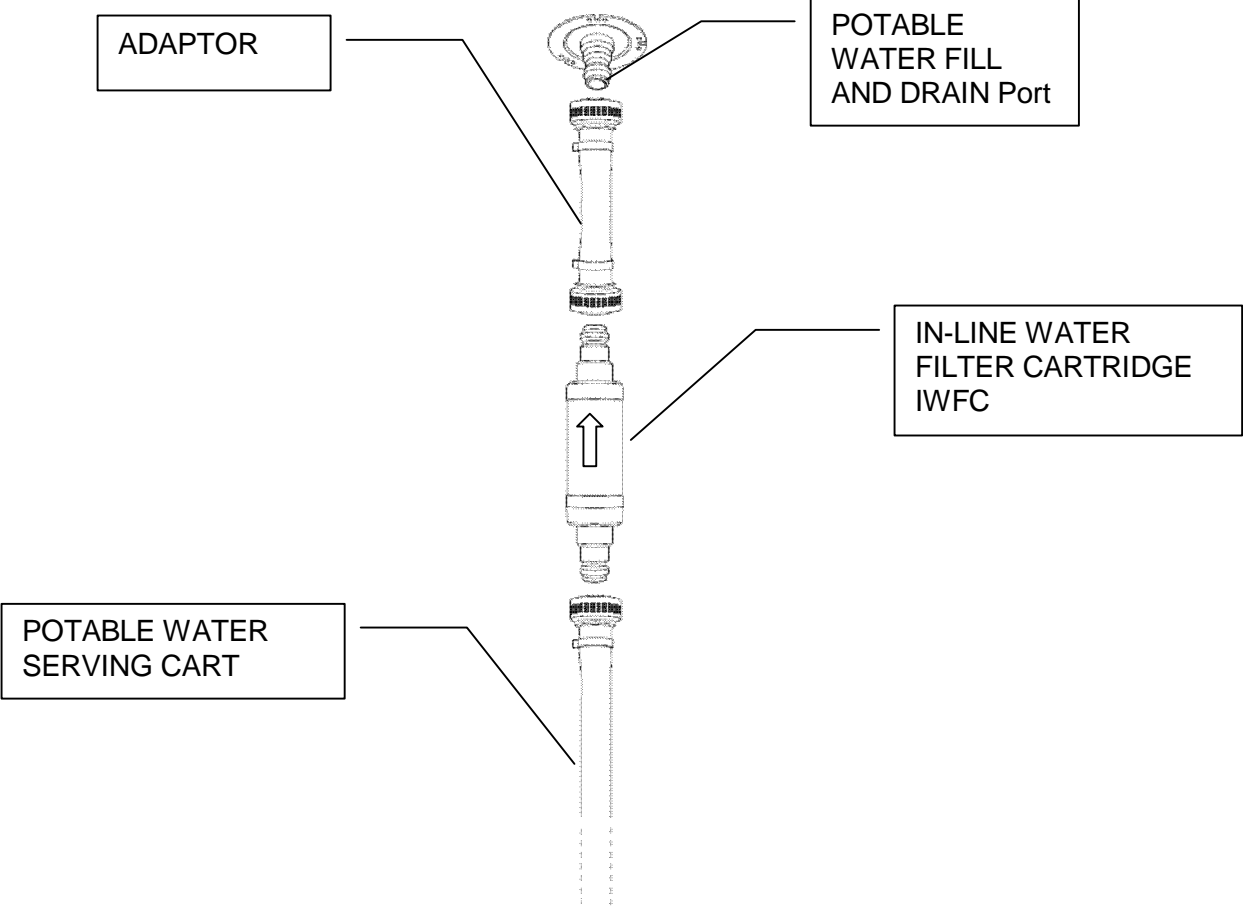
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POTABLE WATER GROUND SERVICING CART CONNECTION

The IWFC Water Filter cartridge is connected to the Potable Water Fill and Drain Port and to the ground service cart as described below .



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IWFC CARTRIDGES DESIGNATION AND PART NUMBER

IWFC - YYYYY

In line
water Filter
Cartridge

Code	Water tank capacity
0200	200 L
0700	700L
1070	1070L
1050	1050L
1285	1285L
1700	1700L
2370	2370L

EXAMPLE 1:

- Aircraft maximum water tank capacity : 700 L
The designation code YYYYY is 0700

The part number of the In-line water filter cartridge is : IWFC-0700

EXAMPLE 2:

- Aircraft maximum water tank capacity : 200 L
The designation code YYYYY is 0200

The part number of the In-line water filter cartridge is : IWFC-0200

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USAGE

The IWFC Water Filter Cartridges are one time usage. But, depending on the customer, some adjustments regarding the use of these water filter cartridges such as multi-use may be investigated on request.

ADVANTAGES OF XFC-CL CARTRIDGES

- Does not require any initial investment or additional device
- Disposable
- Filter Cartridges delivered within individual packaging
- Traceability of operations : each IWFC cartridge has a dedicated part number (PN) and serial number (SN)
- Easy to handle and store
- Does not stop Chlorine
- Water Filter Cartridge calibrated according to the aircraft water tank capacity
- Works only with water flow
- All used materials are allowed for drinking water contact

Frequently Asked Questions

Question: **Do these cartridges reduce the water flow ?**

Answer: The use of filter cartridges results in a flow rate reduction of 5 to 10% during the filling depending on the ground cart pressure supply and the water supply sources quality. This may lead to an increase up to 5 - 10% of the time required to fill the water tank(s).

Question: **Do these cartridges stop chlorine ?**

Answer: Chlorine can flow through the In-line Water Filter Cartridges and will not be stopped by the filter. Therefore, the residual level of chlorine is maintained with the used of the filter cartridges

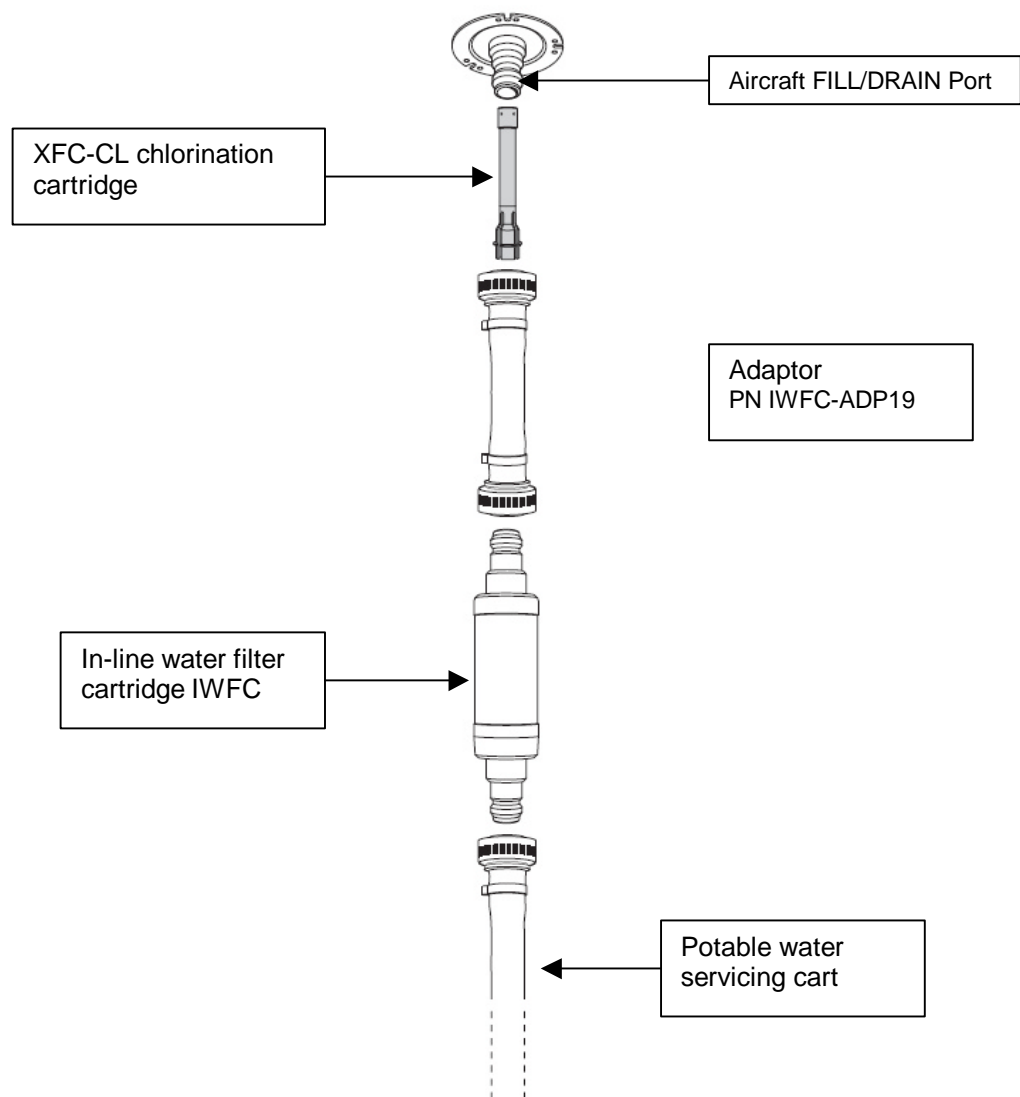
ADDITIONAL INFORMATION

The IWFC water Filter Cartridges can be combined with the External Filling Cartridges XFC-CL in order to remove bacteria and particles from the water supply sources before adding a residual level of chlorine (see XFC-CL Data Sheet).

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Pricing and ording

1-99 units ordered	On request
100-499 units ordered	15 % reduction
500-999 units ordered	20 % reduction
>1000 units ordered	25 % reduction

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