



***Jet Crystal XFC-CL***  
**Patented**

**Aircraft Potable Water Filling External Cartridge**

**For Chlorination of Water during Aircraft Potable Water Tank Filling**



**The XFC-CL Cartridges are intended for a daily use  
(chlorination of the aircraft potable water through  
a continuous controlled chlorination of the filling water)**

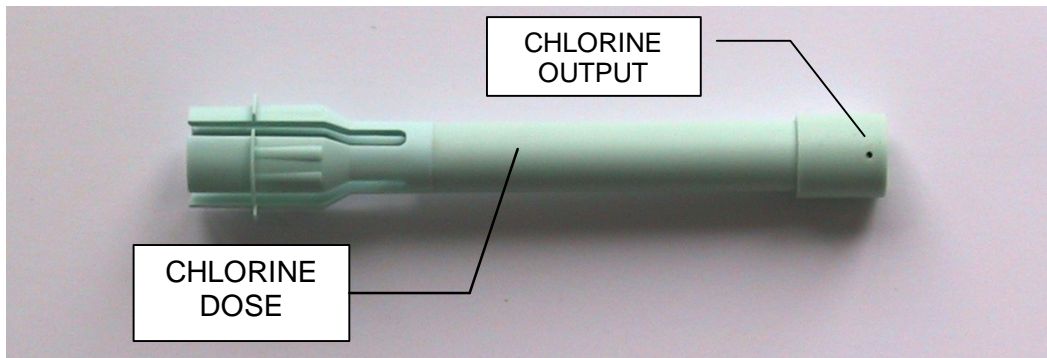
**The XFC-CL Cartridges are one use disposable cartridges**

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Phone : +44 (845) 508 1774  
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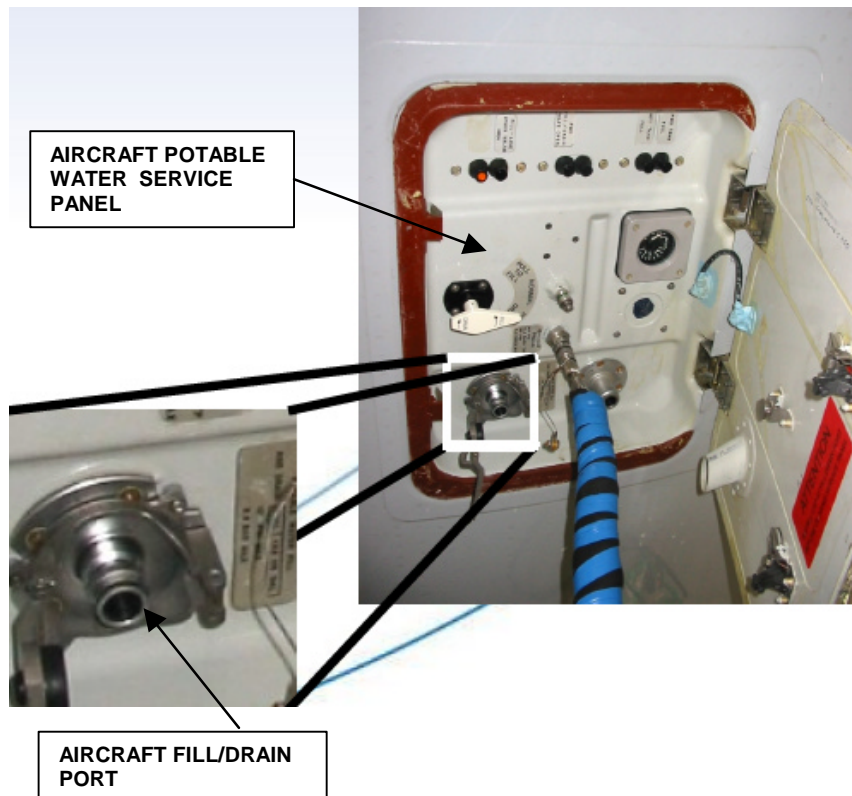
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31300 Toulouse – France  
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## DESCRIPTION



## INSTALLATION OF XFC-CL CARTRIDGES

The XFC-CL cartridges are fitted inside the aircraft potable water FILL/DRAIN PORT at the aircraft Potable Water Service Panel.



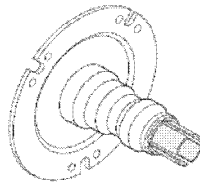
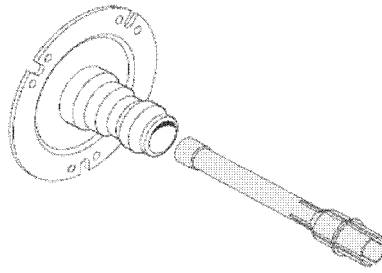
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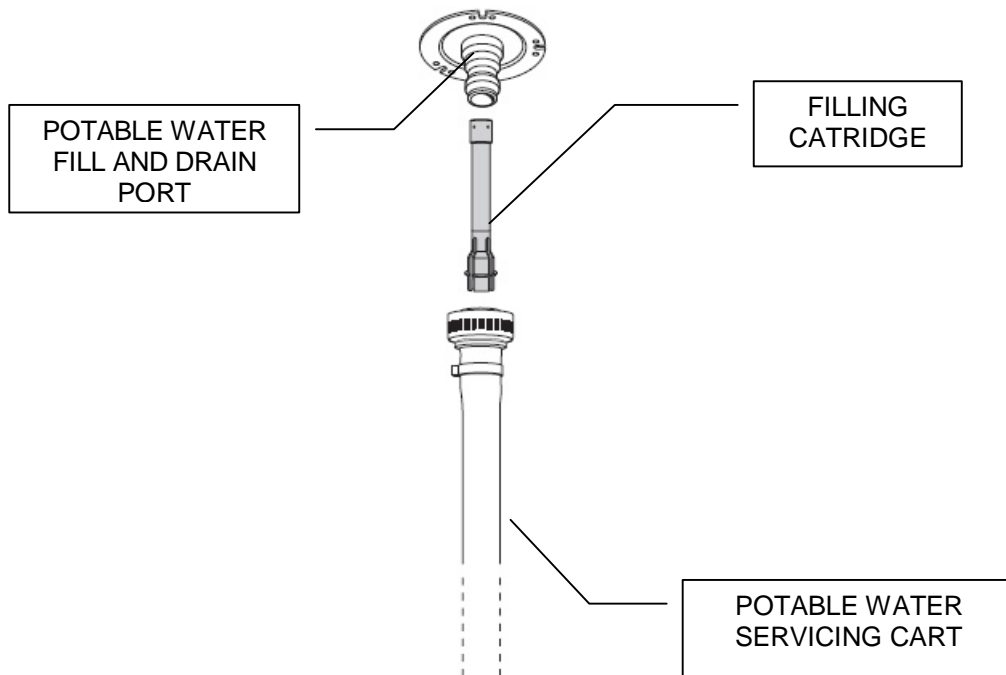
<http://www.JetCrystal.com>

e-mail : [contact@jetcrystal.com](mailto:contact@jetcrystal.com)



## POTABLE WATER GROUND SERVICING CART CONNECTION

Once the XFC-C cartridge is fitted into the Potable Water Fill and Drain Port, the ground service cart can be connected and servicing can proceed .



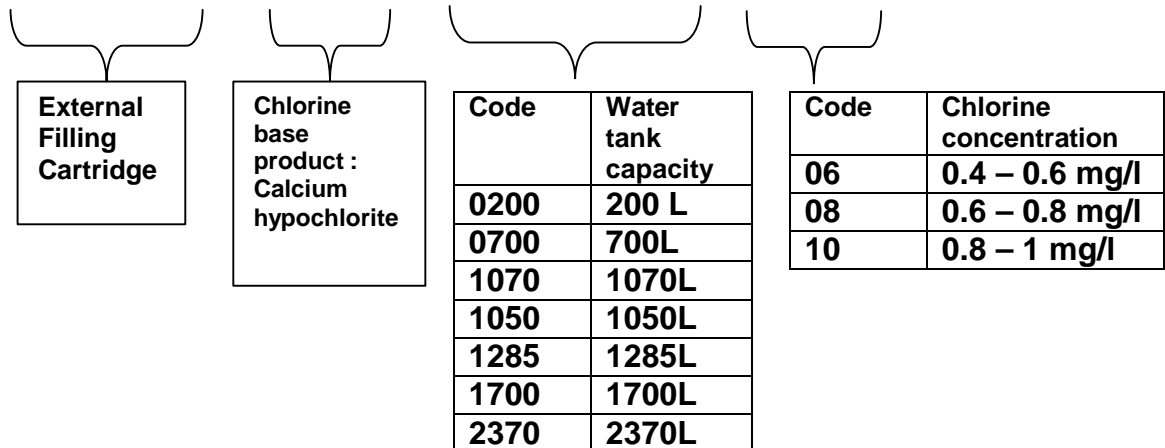
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## XFC-CL CARTRIDGES DESIGNATION AND PART NUMBER

# XFC-CL-XXXX-XX



### Example 1:

- Aircraft maximum water tank capacity : 700 L  
The designation code XXXX is 0700
- Maximum chlorine concentration to be added to filling water : 0.6-0.8 mg/l  
The designation code XX is 08

**The part number of the external cartridge is : XFC-CL-0700-08**

### Example 2:

- Aircraft maximum water tank capacity : 200 L  
The designation code XXXX is 0200
- Maximum chlorine concentration to be added to filling water : 0.4-0.6 mg/l  
The designation code XX is 06

**The part number of the external cartridge is : XFC-CL-0200-06**

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## ADVANTAGES OF XFC-CL CARTRIDGES

- Does not require any initial investment or additional device
- Disposable
- Cartridges delivered within individual packing
- Traceability of operations : each XFC-CL cartridge has a dedicated part number (PN) and serial number (SN)
- Security : the operator is never in contact with chemicals
- Easy to handle and store
- Storage stability : only loses 2% of chlorine per year
- Cartridge calibrated according to the aircraft water tank capacity and the desired concentration of chlorine to be added
- Maintains a controlled chlorine level
- 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 loss of flow is inferior to 5%.

Question: **Do these cartridges change the water or coffee taste ?**

Answer: The concentration of chlorine added does not alter the taste  
The water is heated and a higher temperature reduces the chlorine level  
Moreover, most of the aircraft are equipped with active carbon water filters.  
These filters reduce the quantity of chlorine in the consumed water (less than 0.05 mg/L).

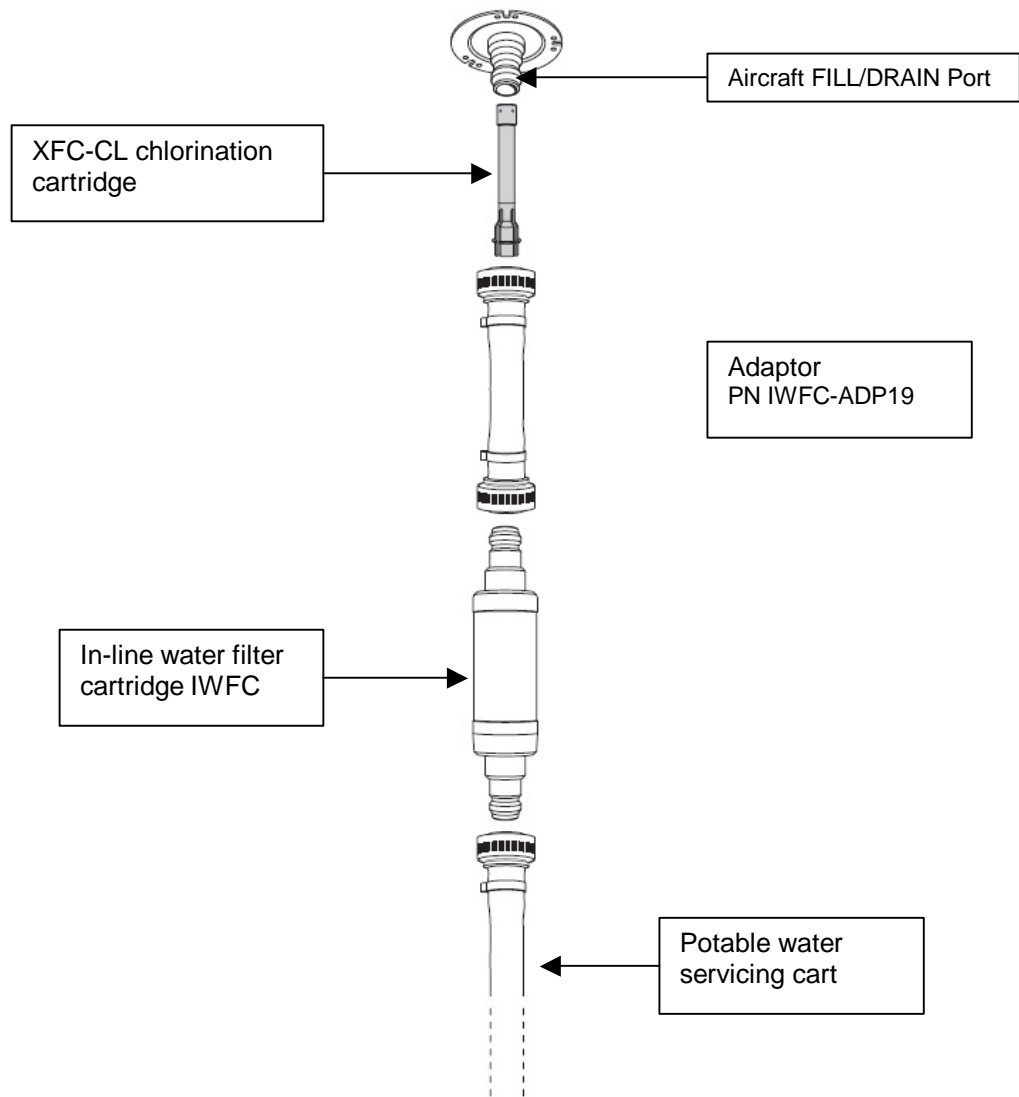
## ADDITIONAL INFORMATION

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