FRANKE

FRCNSTR/FRC06
Product Data Sheet

10 November, 2014
Model No. FRCNSTR/FRC06

Unit Description

Franke filter unit complete with FRC06 cartridge.

General Performance:

The filter housing fitted with an FRC06 filter element provides the user with a point of use device capable of reducing cysts, turbidity and particles contained within a water supply.

The FRC06 element utilises advanced carbon technology to reduce Chlorine (taste and odors) and improve taste. The incorporation of a heavy metal scavenging compound efficiently reduces lead.

A cartridge that has reached the end of its life would be indicated by a reduction in the quality of the filtered water with respect to taste.

The cartridge should be replaced in accordance with the rated service capacity, which would typically give a period of six months usage.

Manufactured by:

Fairey Industrial Ceramics Limited
Newcastle, Staffs, ST5 9BT
England
Telephone No. 44-1782-664420
Fax No. 44-1782-664490
Website: www.faireyceramics.com
For Franke.

Parts and Service Availability:

For sales, service and replacement parts please contact your local Franke distributor.

General Product Data:

Rated service flow	1.9litres/min (0.5 g/min.)
Rated capacity	2300 litres (600 galls.)
Maximum operating pressure	689 kPa (100 psig.)
Maximum operating temperature	30°C (86°F)
Minimum operating pressure	69 kPa (10 psig)
Minimum operating temperature	5°C (41°F)

NSF

System Tested and Certified by NSF International against NSF/ANSI Standards 42 and 53 for reduction of the substances listed below.

FRCNSTR/ FRC06
Performance/Test Data

Test Parameter	EPA MCL	Influent Challenge	Av. Effluent	Max. Effluent	% Reduction (Av/Min)	Reduction Requirement	Max Permissible Effluent
Chlorine (Taste & Odour only)	N/A	2.0 mg/L +/- 10%	0.08 ppm	0.18 ppm	96.3% /91.6%	>50%	/
Cyst (live cryptosporidium parvum)	99.95%	≥50,000/L	<1/L	<1/L	>99.99%/>99.99%	≥99.95% Pass	/
Particulate (particles 0.5 – 1μm)	N/A	≥10,000/ml	7,350/ml	20,000/ml	99. 9%/99.8%	≥ 85% Class 1	/
Turbidity (NTU)	1 NTU	11+/- 1 NTU	0.1 NTU	0.2 NTU	98.9%/98.3%	N/A	≤0.5 NTU
Lead (6.5pH)	0.015 ppm	0.15 mg/L +/- 10%	<0.001 ppm	<0.001 ppm	>99.3%/>99.3%	N/A	≤0.01 ppm
Lead (8.5pH)	0.015 ppm	0.15 mg/L +/- 10%	0.001 ppm	0.002 ppm	99.2%/99.2%	N/A	≤0.01 ppm

Tested at Rated Flow; Pressure = 60 psig; pH = 7.5±1; Temp. 10-25°C
The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI Standards 42 and 53.

Installation, Operation and Maintenance:

Detailed installation and operating instructions are provided with each filter unit supplied. For general guidance, however, the main points are summarised below:

1. It is important that local laws and regulations are observed and that fittings comply with such regulations. The filter is to be installed on a cold water line only.
   PLEASE NOTE: State of Ma. Follow Mass plumbing code. A licensed plumber is required.
2. For easy servicing of the filter, there should be at least four inches of space below the filter body to allow for removal of the cartridge.
3. When the filter is installed, to ensure that the filter is conditioned to the local water supply, the filter should be flushed for a minimum of 10 minutes, and allowed to stand for 24 hours with a further short flush (10 minutes) of water, after which the filter will be ready to perform at its very best.

Certification:

Tested and Certified to NSF/ANSI Standards 42 & 53 for the following:

Chlorine reduction; Taste and Odor;
Nominal Particulate reduction, Class 1;
Turbidity reduction;
Cyst reduction (including Giardia and live Crytosporidium);
Lead reduction

Do not use where water is microbiologically unsafe or of unknown quality without adequate disinfection before or after the systems.

Systems Certified for Cyst Reduction may be used on disinfected water that may contain filterable Cysts.

The substances reduced by this device are not necessarily in your water and while testing was performed under standard laboratory conditions, actual performance may vary.

Replacement Parts:

The replacement parts for this unit are FRC06 elements (Part No. W9223030).

Only use genuine Franke replacement elements to ensure optimum filter performance.

When Leaving on Vacation and To Winterize the Unit

If you plan to be away from home for extended periods, or the filter housing may be subject to the risk of freezing, carry out stages 19, 20 and 11 on Installation instructions. When the risk of freezing subsides and you wish to use the system again, turn the faucet on. Gradually introduce the main water supply until the flow from the tap has stabilized. Run the filtered water for 10 minutes to flush the system and check carefully for leaks. The system should now be ready for use.

PLEASE NOTE: Allowing the unit to freeze will invalidate the product warranty.

For full warranty information, please visit www.frankeksd.com

Parts and Service Availability:

Only use genuine Franke replacement elements to ensure optimum filter performance. For sales, service and replacement parts please contact your local Franke distributor.

Manufactured by Fairey Industrial Ceramics Limited for:-

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