

 MONARCH WATER

CAFÉ

 INSTALL GUIDE
L / XL / 2XL







EVOLUTION SINCE 1964

Thank you for purchasing one of our CFU Café filters, please ensure the unit is installed by a competent person and this guide is followed carefully. Whatever water treatment requirements are needed in Foodservice, the CFU has it covered. Designed to deliver no-nonsense protection against limescale and improve water quality, the CFU offers simplicity & flexibility in a cost-effective package.

CFUs offer a winning combination of decades of real-world use, proven success, large capacities, flexibility, and outstanding value.

Water Test: This is important, as it will determine that you are fitting the correct sized system to your appliance. Run water to be tested for 1 minute and fill test tube to 10ml level. Add 2 drops of Titrant solution squeezing bottle gently at 45 degrees. Swirl test tube; if the water contains any 'hardness' the colour of the water within the test tube will be blue. Add further drops of Titrant in batches of 5 drops, swirling gently after each batch. Continue to do this until the sample changes colour from the original blue to yellow. Each drop relates to 10ppm of Temporary Hardness (TH).

Description	Dimensions H x Ø (mm)	Standard Cons	Temp (°C)	Max flow rate (lpm)	Code	Regen Code
CAFE L	424 x 161	3/8" Speedfit	2-49	6-7	CAFL	CAFLR
CAFE XL	426 x 196	3/8" Speedfit	2-49	6-7	CAFXL	CAFCLR
CAFE 2XL	522 x 219	3/8" Speedfit	2-49	6-7	CAF2XL	CAF2CLR

*If daytime water pressure exceeds 3.5 bars, a water pressure limiter set to 5 bars must be fitted.

Capacity charts (capacity refers to temporary hardness)

CFU Café Models	Café L	Café XL	Café 2XL	Café L/20	Café XL/20	Café 2XL/20	Café L/30	Café XL/30	Café 2XL/30
Capacity at 180ppm - litres	3,146	4,496	8,990	3,933	5,620	11,238	4,494	6,423	12,843
at 200ppm - litres	2,831	4,046	8,091	3,539	5,058	10,114	4,045	5,781	11,559
at 250ppm - litres	2,265	3,237	6,473	2,831	4,046	8,091	3,236	4,624	9,247
at 300ppm - litres	1,888	2,698	5,394	2,360	3,372	6,743	2,697	3,854	7,706
at 350ppm - litres	1,618	2,312	4,623	2,022	2,890	5,779	2,311	3,303	6,605
at 400ppm - litres	1,416	2,023	4,046	1,770	2,529	5,057	2,022	2,890	5,779
at 450ppm - litres	1,258	1,798	3,596	1,573	2,248	4,495	1,798	2,569	5,137

CFU Café Models	Café L/40	Café XL/40	Café 2XL/40	Café L/50	Café XL/50	Café 2XL/50
Capacity at 180ppm - litres	5,243	7,493	14,983	6,292	8,992	17,980
at 200ppm - litres	4,719	6,744	13,485	5,663	8,093	16,182
at 250ppm - litres	3,775	5,395	10,788	4,530	6,474	12,946
at 300ppm - litres	3,146	4,496	8,990	3,775	5,395	10,788
at 350ppm - litres	2,697	3,854	7,706	3,236	4,624	9,247
at 400ppm - litres	2,360	3,372	6,743	2,831	4,046	8,091
at 450ppm - litres	2,097	2,997	5,993	2,517	3,597	7,192

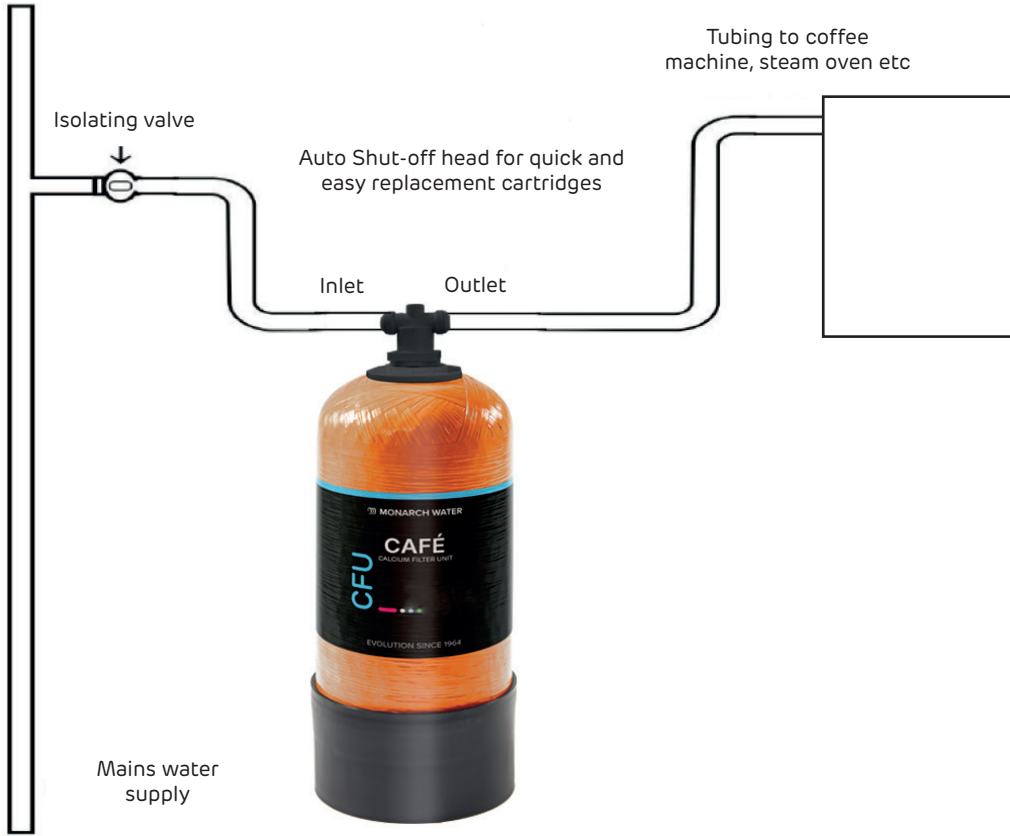
Numbers after the model - denotes percentage blend i.e. Cafe-2XL/30 denotes CAFE-2XL with 30% blend

/ INSTALLATION

1. Turn off your water and open a tap to release any water pressure.
2. Tee off your mains water
3. Install an isolating valve which has a 3/8" speedfit outlet connection (ensure isolating valve is close).
4. Turn your water back on, check for leaks.
5. Using food grade 3/8" tubing, connect this from the isolating valve to the inlet of the CFU, a little grease may help here and remember to chamfer (max 1mm chamfer).
6. Using the same food grade tubing (greased and chamfered), connect this to the outlet of the CFU.
7. Before connecting to your machine, the unit is to be flushed prior to use. Open your isolating valve slowly, check for leaks.
8. Flush your unit down a drain on in to a bucket, please see below table for minimum flush requirements.
9. Once the unit has been flushed, take the tubing connected to the outlet of the CFU and connect this to you machine.

Model	Minimum Flush (Itrs)
CAFE L	20
CAFE XL	20
CAFE 2XL	52

/ INSTALLATION DIAGRAM



/ REGEN LAB



All our Calcium Filter Unit (CFU) products benefit from being able to use our state-of-the-art in-house regeneration service. Our reg lab uses a proprietary, unique food grade process that enables us to regenerate the units without altering or changing any capacities during the regen process. The lab allows for the reduction of single-use plastics within Foodservice by implementing truly green and eco-friendly products within a customer's supply chain.

When your CFU is due for replacement please email sales@monarchwater.co.uk or give us a call on +44 (0) 1986 784759 (opt 1) to discuss our regen lab and your replacement cartridges.



+ 44 (0) 1986 784759
monarchwater.co.uk
info@monarchwater.co.uk



EVOLUTION SINCE 1964