

SOFT SCALE WATER FILTER (0817)

Salt-Free Scale Prevention

Technical Data Sheet



pozzani

DESCRIPTION

Point of use salt-free water scale prevention filter ensuring the best quality drinking water.

This filter is suitable for larger 3+ bedroom houses and houses with multiple bathrooms. It can be used for a number of different applications including home appliances (taps, shower heads, washing machines, etc), major appliances (central heating, air conditioning, water coolers, etc) and industrial appliances (food and beverage, nurseries and car washing etc).

FEATURES AND ADVANTAGES

- Revolutionary scale prevention media, which enables Nucleation Assisted Crystallization (NAC)/ Template Assisted Crystallization (TAC)
- Green technology
- No salt required
- Regeneration cycle not required – only simple backwash (usually monthly)
- No increase to the sodium content of the water
- The system encourages reduction of existing scale
- Very low maintenance costs
- Catalytic process converts Ca and Mg into harmless micro-crystals
- No chemicals required for disinfection
- Easy to install
- Great savings against conventional salt based water softeners
- Does not increase sodium or phosphates as a conventional water softener does – so water is still fine to drink

SPECIFICATIONS

Flow Direction	Up Flow
Maximum Flow Rate	40 lpm
Recommended Operating Temperature	5°C – 80°C (41°F – 176°F)
Power Supply (Automatic Backwash Version)	230 VAC
Media Life	5 – 7 years
pH Range	6.5 – 9.5
Hardness (maximum)	1,338 ppm (mg/l) (75 gpg)
Salinity (maximum)	35,000ppm (mg/l)
Iron (maximum)	0.5ppm (mg/l)
Manganese (maximum)	0.05ppm (mg/l)
Free Chlorine (maximum)	3ppm (mg/l)
Copper (maximum)	1.3ppm (mg/l)
Oil	Free
Hydrogen Sulphide	Free
Dimensions – Manual	H: 540mm x D: 215mm
Dimensions – Automatic	H: 640mm x D: 215mm
Total Weight (Excluding Media) – Manual	3 kg (6.6 lbs)
Total Weight (Excluding Media) – Automatic	4.3 kg (9.5 lbs)

NOTES

- 5µm sediment pre-filtration is mandatory. Oil, iron, etc *may* require pre-filtration if there is an issue.
- Drain connection required due to backwash.

Soft
Scale



MANUAL
BACKWASH
CBNT 111



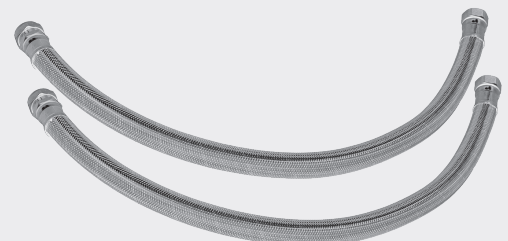
AUTOMATIC
BACKWASH
CBNT 89F



CONNECTION
ASSEMBLY
(CBNT 111)



BYPASS VALVE
ASSEMBLY
(CBNT 89F)



Optional:
Braided Hose x 2
22mm Compression x 3/4" BSP Female.
Available in 500mm, 700mm and 900mm lengths

IMPORTANT

Do not use where water is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the unit. System must be maintained according to manufacturer's instructions. Pre-treatment for sediment, Iron, Hydrogen Sulphide, Manganese, Hydrocarbons and Copper may be required depending on conditions. Install systems in new facilities with copper pipe after six weeks of water use.

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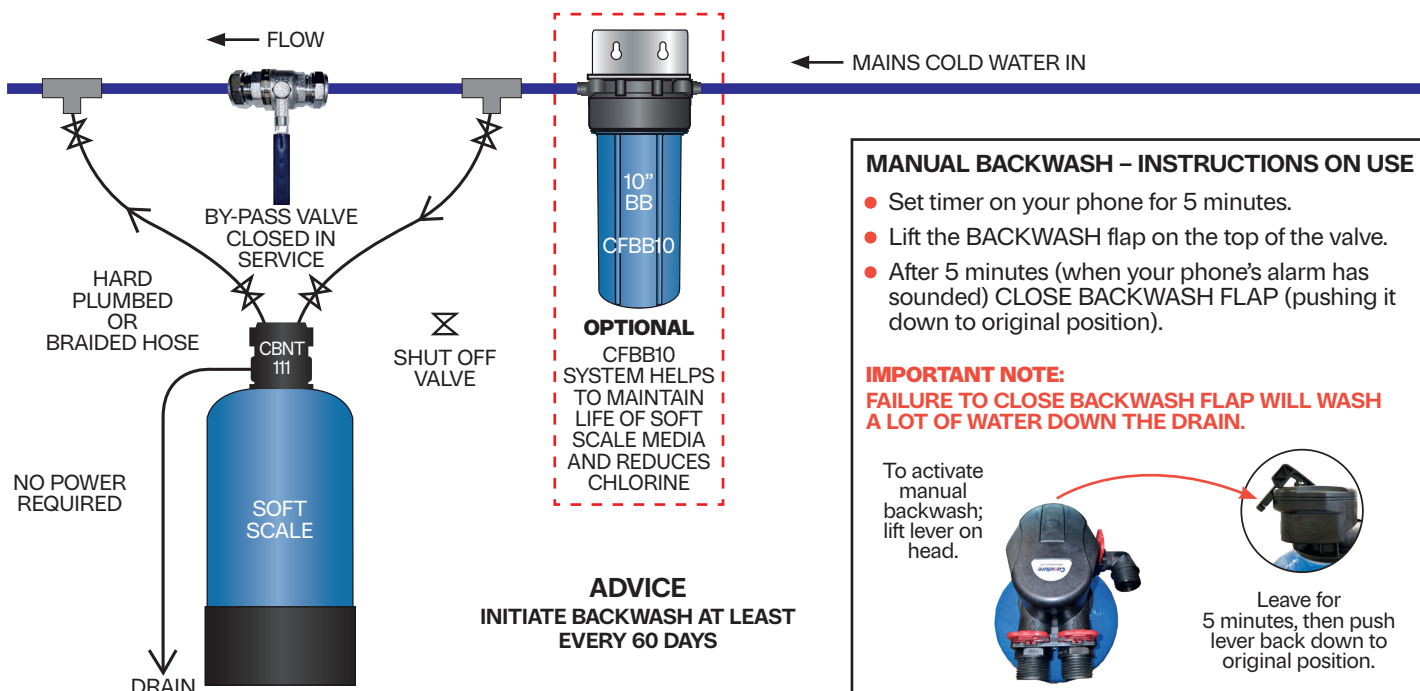


For more information call: 01507 608100 or email: enquiries@pozzani.co.uk
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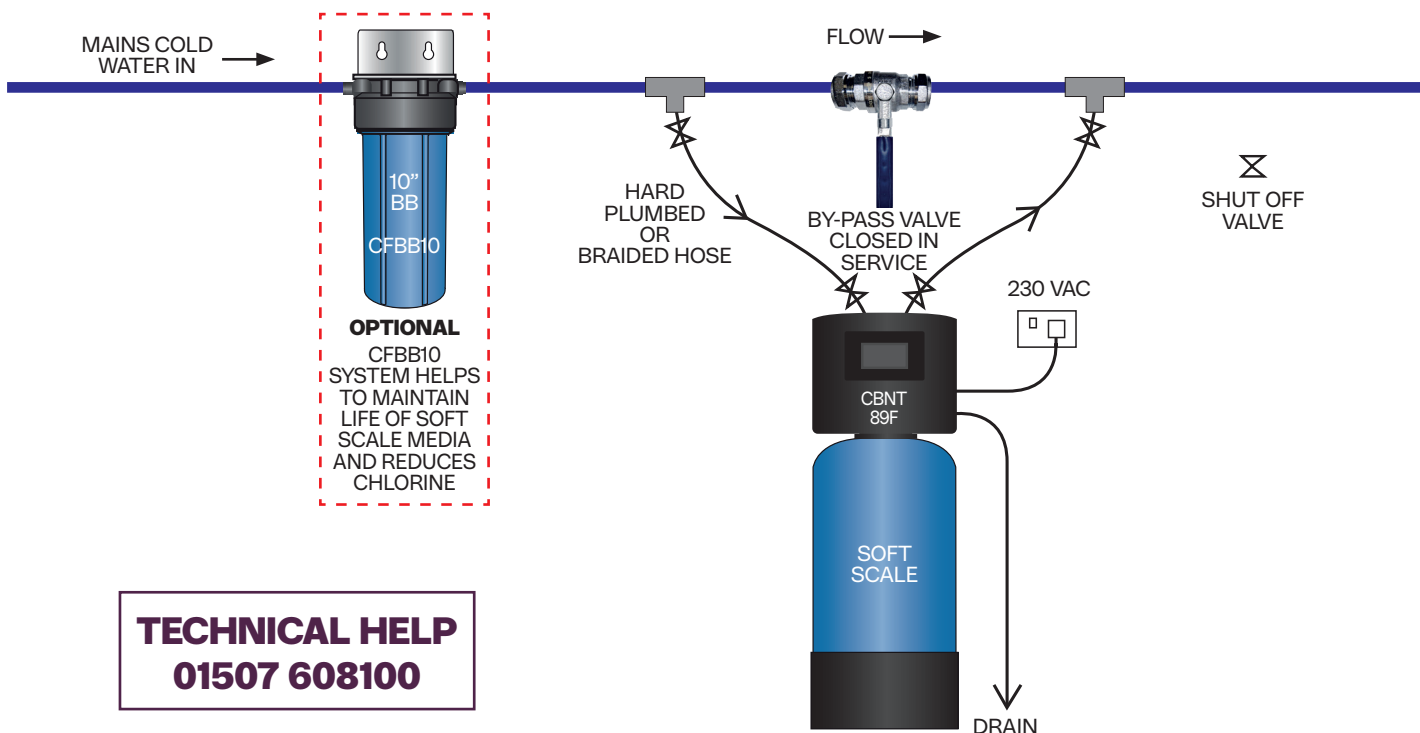


SCHEMATIC INSTALLATION GUIDE FOR BACKWASHABLE 'SOFT SCALE' FILTER SYSTEM

MANUAL BACKWASH – CBNT-111



AUTOMATIC BACKWASH WITH FULL AUTOMATIC CONTROL – CBNT-89F



NOTES

- Connect to mains cold water pipe only.
- Consult with technical help **BEFORE** connection to a private water supply.
- Feed pressure must be at least 2 bar.
- We suggest using at least 22mm pipe for whole house use.
- Fitting must be done by a qualified professional.
- Protect from frost (less than 5°C).

MEDIA CERTIFICATIONS

- Certified under ANSI/NSF 61 from WQA, USA .
- Tested to meet MSZ 448-36:1985 standard (Hungary).
- Certified from Department of Environmental Hygiene (Poland).
- Tested to meet WRAS (Water Regulations Advisory Scheme, British Standard, UK) standard of Product Quality and High temperature.

