



DOMESTIC

Domestic Boiler & Plumbing System Case Study Tunisia

HydroFLOW® units were installed on two domestic boiler systems to treat limescale, improving hot water flow, preventing blockages, and reducing maintenance in the home heating system.



Limescale Reduced



Shower Blockages



Hot Water Flow



Maintenance Needs



BEFORE & AFTER

BEFORE

- ✗ Limescale buildup in boilers and pipes
- ✗ Frequent blockage of showerheads
- ✗ Reduced hot water flow

AFTER

- ✓ Limescale formation controlled
- ✓ Showerhead blockages eliminated
- ✓ Hot water flow improved



OVERVIEW

A residential property in Tunisia with two separate boilers for heating and domestic hot water experienced ongoing performance issues linked to water quality. Limescale buildup affected system operation, leading to reduced flow and increased maintenance across both circuits.



CHALLENGE

Ongoing limescale formation disrupted system performance and user comfort.

- Showerheads frequently blocked by scale
- Reduced hot water flow across system
- Risk of scale damage to boilers
- Increased maintenance of plumbing fixtures

SOLUTION

Two *HydroFLOW*® Pearl Plus units were installed on heating and hot water circuits to treat limescale and protect boilers.

UNIT INSTALLED

2x *HydroFLOW*® Pearl Plus

INSTALLATION POINT

Heating and hot water circuits

INSTALLATION TYPE

Direct pipe installation

SYSTEM TYPE

Domestic boiler system



INSTALLATION

On heating circuit pipework



INSTALLATION

On domestic hot water line

RESULTS

Reduced Limescale

Significant reduction in limescale buildup

No Blockages

Showerhead blockages eliminated

Improved Water Flow

Hot water flow restored across system

Lower Maintenance

Reduced need for plumbing maintenance

KEY TAKEAWAY Summary

HydroFLOW® reduced limescale across both boiler systems, eliminating blockages and restoring consistent hot water flow. The system operated with lower maintenance, improving reliability and user comfort.



LIMESCALE REDUCED



NO BLOCKAGES



WATER FLOW

HYDROPATH 

Ready to reduce limescale in your home?

Get a free consultation for your facility.

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