

# EnwaMatic®

Side stream filtration and water treatment for heating and cooling systems



**PROTECT  
NEW BUILDS**

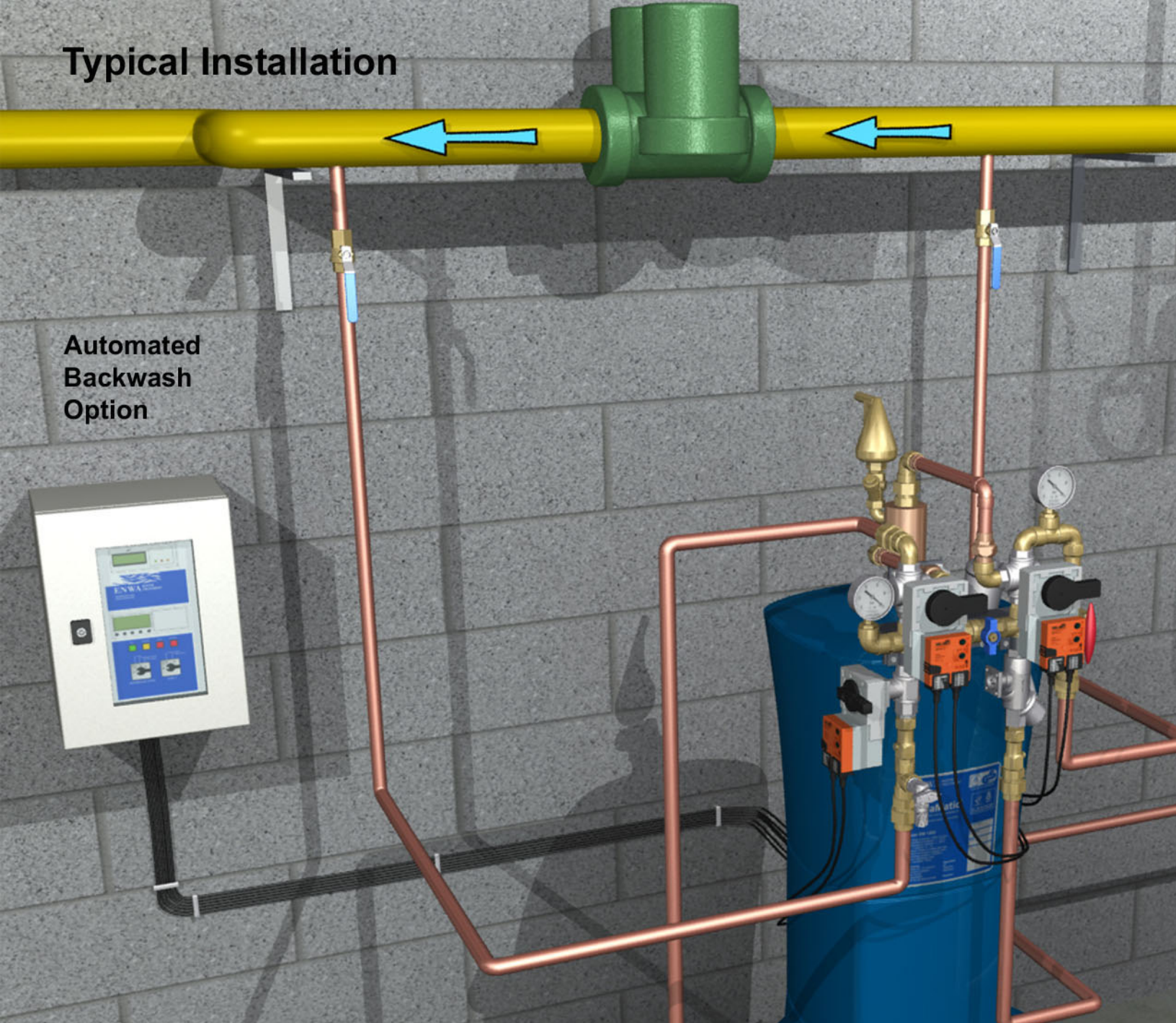


**ENHANCE  
REFURBISHMENT**



**RESTORE  
EXISTING SYSTEMS**

# Typical Installation



**Automated Backwash Option**



**Mains Cold Water**



## Hilton Hotels

"I was sceptical of this technology when I first met with ENWA, however, after seeing the dramatic change in water quality and the long term problems disappear, it seems like an obvious solution to me".

*Andrew Staley, Engineering, Facilities and Environmental Manager.*



## Aberdeen City Council

"The improvements are real, resident complaints, reactive maintenance and energy consumption have reduced significantly within our properties".

*Ronald Ferguson, Technical Officer*



### UK Clients include:

Hilton  
Ramada Jarvis  
Marriott  
Marks and Spencer

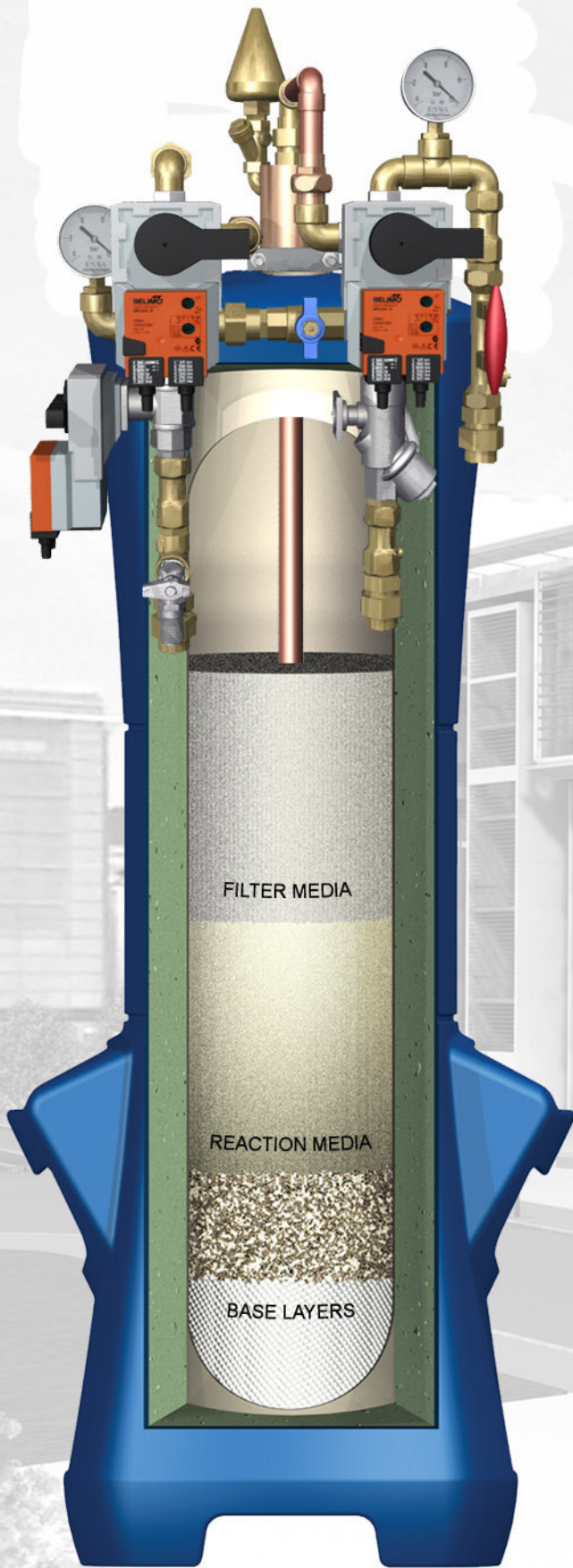
UBS  
Barclays  
Merrill Lynch  
Global Switch  
Credit Suisse  
Morgan Stanley  
Standard Chartered

MOD, BAE  
National Physical Laboratory  
CAFRE, DEFRA  
National Grid  
Dublin Airport  
HMP Nottingham  
Guildford Crown Court

*Universities include:*  
Hertfordshire  
Bristol, Essex,  
Portsmouth  
Brighton, Derby  
Nottingham Trent  
Warwick, Glasgow

*Local Councils:*  
Aberdeen, Enfield  
Kent, Ealing  
Kensington & Chelsea  
Newcastle, Bedford  
Bradford (CHT)  
East Sussex

*Hospitals include:*  
Royal Hallamshire  
Lymington  
Southampton General  
Glasgow Royal Infirmary  
Great Ormond Street



**Corrosion inhibition**



**Side stream filtration  
to < 5 microns**



**Scale control**



**Environmental control  
of bacteria**



**Air separation**



**Prolongs system lifespan**



**Ensures reliable operation**



**Improves energy efficiency**



**Reduces maintenance costs**



**Environmentally sound technology**



**Improved Health & Safety profile**



**Regulates pH, hardness and  
alkalinity**



**Self regulating process maintains  
effective treatment where water  
exchange occurs**



**Cost effective alternative to  
chemical dosing**



**Non scouring solution for  
refurbishment projects.**



**Direct replacement for traditional  
in-line dirt and air separators**

# EnwaMatic®



	System Volume (m3)	Equivalent Approx kW	Flow rate l/min	Dimensions (mm) W * D * H	Weight (full) KG	Inlet / Outlet " / mm	Mains / Waste " / mm
EM 825	0 – 3	0 – 250	2-5	597 * 477 * 1440	60	¾" / 22	½" / 15
EM 1252	3 – 15	250 – 1250	10-15	597 * 477 * 1640	150	¾" / 22	¾" / 22
EM 1260	15 – 40	1250 – 3330	25-30	597 * 477 * 1940	180	¾" / 22	¾" / 22
EM 1665	40 – 80	3330 – 6660	60-80	697 * 577 * 2054	325	1" / 28	¾" / 22
EM 1672	80 - 130	6660 – 10,830	90-110	697 * 577 * 2254	390	1 ½" / 40	¾" / 22



Manual backwash option

The EnwaMatic® stainless steel tank is insulated and encapsulated within a robust plastic outer casing.

Mounting holes are provided for extra security, ideal for skid mounting and marine applications.

MTHW option to 109°C.

Standard units to 10 bar, skid mounted options for higher pressure applications.

Glycol retaining backwash option.

Purpose built break tank option for Fluid Category 4 backflow prevention and backwash optimisation.



ENWA UK  
Unit A  
Scotlands Industrial Estate  
Coalville  
Leicestershire  
LE67 3JJ

info@enwa.co.uk  
www.enwa.co.uk

Tel: (+44) 01530 830 354  
Fax: (+44) 01530 835 725