La SOLUTION ÉCOLOGIQUE contre les PROBLÈMES de CALCAIRE

Technologies

OTechnologies is the exclusive distributor of Expertima TECHNOLOGIES products for Switzerland. Specialized since 1989 in water engineering, its engineers have designed and developed the NT reactor against limescale, corrosion and bacterial proliferation.
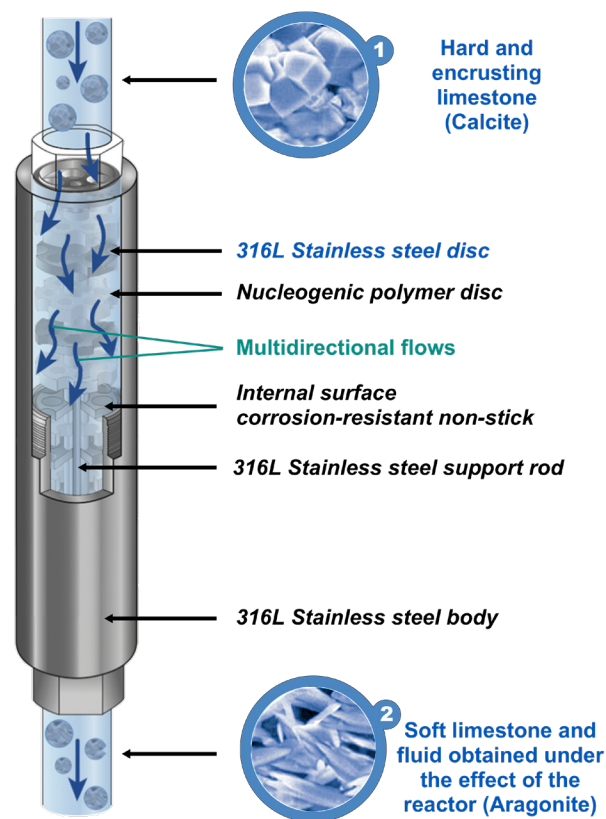
Protect your water systems from limescale and corrosion

NT ANTI-LIMESCALE

TRANSFORMATION OF HARD, ENCRUSTING LIMESCALE INTO SOFT AND FLUID LIMESCALE

Patented physical anti-limescale treatment solution that does not alter the composition of the water. The NT reactor is preventive, it acts not only on limescale, but also on corrosion and bacterial proliferation.

• **Ecological** - without chemicals or electricity, the water is not denatured and remains drinkable.

• **Economical** - no maintenance for 5 years, increases the energy efficiency of heating devices, can be installed on the existing network.

• **Effective** - 99.9% conversion rate from hard limestone to soft, 5-year warranty, on water with variable TH and pH.

1. **Hard and encrusting limestone (Calcite)**

316L Stainless steel disc

Nucleogenic polymer disc

Multidirectional flows

Internal surface corrosion-resistant non-stick

316L Stainless steel support rod

316L Stainless steel body

2. **Soft limestone and fluid obtained under the effect of the reactor (Aragonite)**

PERFORMANCE

Transformation of hard and encrusting limestone into soft limestone (Conversion rate greater than 99%). NT reactor technology develop several benefits:

• **PREVENTIVE :** anti-limescale
• **CURATIVE :** gently descaling
• **PROTECTIVE :** anti-corrosion
• **DISINFECTANT :** anti-bacteria (indirect action)

INTERNAL DESIGN

• Micro-cavitation areas between each disk to optimize speeds without crea ting head loss
• Its discs are completely interchan geable
• Resists thermal shocks up to 90°C
• Resists disinfection (shock chlorination, and other types disinfection)

INDIVIDUAL
Eco-technology suitable for all types of accommodation (apartment / villa) and small collective

PROFESSIONAL
The solution for buildings, condominiums, hotels, hospitals, sports centres, etc.

INDUSTRY
This range applies to industry, large buildings (hotel complexes, ships, tertiary, etc.)

5-YEAR WARRANTY ON RESULTS

ATTESTATION DE CONFORMITÉ SANITAIRE **ACS**

GARANTIE DE **Expertima** TECHNOLOGIES **S'ENGAGE** RÉSULTATS

PATENTED TECHNOLOGY

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O Technologies

OTechnologies offers turnkey solutions and manages projects until delivery.

A WIDE RANGE OF PRODUCTS...

INDIVIDUAL

FROM 07 NT TO 25 NT, A SUITABLE RESPONSE TO YOUR NEEDS

Eco-technology adapted to all types of housing (apartment / villa) and small collective building:
→ maintenance free
→ healthy for health
→ 100% effective
→ 100% ecological

MODELS	07 NT	08 NT	09 NT	15 NT	20 NT	25 NT
Flow treated (m3/h)*	0,66	1,25	0,9	1,6	2,5	4
Length (mm)	117	117	188	188	180	260
Body diameter (mm)	30	30	30	30	44	44
Net weight (kg)	0,47	0,46	0,75	0,73	1,3	1,8
Fittings (mm) Fittings (inches)	FF 15x21 1/2''	FF 15x21 1/2''	FF 15x21 1/2''	FF 15x21 1/2''	FF 20x27 3/4''	FF 20x27 3/4''

* flow rate calculated based on a pressure drop of 0.15 bar max

PROFESSIONAL

FROM 30 NT TO 70 NT, THE SOLUTION FOR THE BUILDINGS

The solution for buildings, condominiums, hotels, health institution...
Maintenance costs reduced and controlled.

MODELS	30 NT	35 NT	40 NT	45 NT	50 NT	70 NT
Flow treated (m3/h)*	7	9	13	24	30	40
Length (mm)	300	330	360	395	450	450
Body diameter (mm)	57	63	69	88	100	112
Flange diameter (mm)	-	-	-	-	165	185
Net weight (kg)	3,0	4,3	5,7	8,4	17	19
Fittings (mm) Fittings (inches)	FF 26x34 1''	FF 33x42 1'' 1/4	FF 40x49 1'' 1/2	FF 50x60 2''	Br.DN 50 2''	Br. DN 65 2'' 1/2

* flow rate calculated based on a pressure drop of 0.15 bar max

INDUSTRY

FROM 80 NT TO 200 NT (AVAILABLE UP TO 600 NT), EFG, ECS, THE SOLUTION FOR HIGH FLOWS

This range applies to industry, large buildings (hotel complexes, ships, tertiary, etc.). Machining design on demand. Yield increase energy of the installations without consumables or polluting discharges.

MODELS	80 NT	100 NT	125 NT	150 NT	200 NT
Flow treated (m3/h)*	55	75	110	280	450**
Length (mm)	450	450	500	550	550
Body diameter (mm)	138	175	200	250	300
Flange diameter (mm)	250	250	285	395	395
Net weight (kg)	28	32	50	80	120
Flange Connection (mm)	DN 75	DN 100	DN 125	DN 150	DN 200

* flow rate calculated based on a pressure drop of 0.15 bar max
**higher flow on request