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- In harmony with nature

Realice System

REALice™

Technical specification

Realice Base	
Length	1000 mm
Diameter	160 mm
Max. pressure	5 bar / 73 PSI
Max. flow	5 m³/h
Max. temperature	20℃ / 68℉
Connected to:	External thread ICEO 228 G1¼

Realice Hand	
Length	240 mm
Diameter	150 mm
Max. pressure	5 bar / 73 PSI
Max. flow	2 m³/h
Max. temperature	20℃ / 68℉
Connected to:	External thread ICEO 228 G¾

Warranty	2 years

The above specifications apply from August 2009.

Patent pending

Realice System

The Realice System is a complete system for treating water for all types of ice rinks. The treated water contains fewer small micro bubbles of air which reduce the insulating capacity of the ice and yield lower energy consumption at the rink. A normal-sized ice rink can save about Euro 10 000 per annum and improve its ice quality.

Lower temperature of added water

Using vortex-treated water, you can lower the temperature of the added water to below 20°C. This measure saves about Euro 4 200 per annum in a normal ice rink.

Higher ice temperature

Using vortex-treated water, you can raise the temperature of the ice by between 1-2°C. This measure saves about Euro 3 200 per annum in a normal ice rink.

Reduced hot water consumption

Using vortex-treated water, you can reduce your hot water consumption. This measure saves about Euro 2 100 per annum in a normal sized ice rink.

Reduced energy consumption

As the water are affected and prepared to freeze the water freezes faster.

Lower viscosity

Using vortex-treated water, you lower the viscosity of the water, entailing that it flows out more easily despite the temperature being lower.

Reduced limescale problems

In vortex-treated water, the limescale crystals are changed from Calcite to Aragonite, entailing that they are no longer angular but round in shape and thus do not attach themselves to other limescale crystals or other surfaces. You thus avoid the formation of limescale deposits.

Improved ice

Using vortex-treated water, you will obtain better, faster, more even, and more durable ice.

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