

In Touch

Newsletter Technology Center Ice Generators



November 2014

GENEGLACE TECHNICAL INFORMATION



What about ice generators ?

The GEA Geneglace policy aims at improving its technology and the reliability of its equipment for the satisfaction of the world users, we are bringing improvements to our flake models with accents made on performance & efficiency, hygiene and durability while preserving competitive prices.



The NEW PREMIUM RANGE flake ice generator

The new ice generator is designed for the continuous production of hygienic flake ice mainly for the **food processing industry**. The G100 is the first model in a premium series that is based on a new and patented technology. The core component of these new systems is a laser-welded, vertically configured cylinder produced from **stainless-steel**. All components in contact with water are also made of stainless steel which assures hygienic operation and long equipment life cycles.

The first ice generator in the new premium series, **the G100**, is designed for continuous operation. It produces up to 2500 kg of flake ice per day and requires a cooling duty of 14 kW.

The operating pressure is almost three times more than earlier models, and the necessary amount of filled refrigerant has been reduced to one-third of previous volume. This new ice generator can be operated with the natural refrigerant ammonia or with CO₂, for which the maximum operating pressure is 40 bar.

In comparison to stainless steel ice generators with other design, the G100 requires substantially less energy and its weight is approx. 30 % less. The device is in accordance with international standards as Pressure Equipment Directive (PED) or codes developed by the American Society of Mechanical Engineers (ASME).

PREMIUM ice production is available as pack or as stand alone generator G100 & PACK G100



In les Sorinières 01/11/14