

AU0006-17-03A - 13 June, 2017

## SNOWMAKING SYSTEM

### SNOWFACTORY



1,00 pcs

Snow factory 210LR (R717) 2.0 (cpl)

*The rated production is for a 24 hour per day operation and may vary +/-5%*

*The volume of snow produced is to be calculated according to the tonnage of water consumed (ex. evap condenser), on the Basis of 450l of water=1m<sup>3</sup> of snow*

*Technical specifications for water temperature 5°C and air temperature 15°C:*

*Nominal production: 94 tons/24hours equivalent to approx 208 m<sup>3</sup>/24hours*

*design ice thickness: 1-1,5mm*

**Electrical parameters:**

*power supply: 400V / 50Hz / 3Ph*

*power consumption elect.: approx. 180 kW 297A*

*electrical protection: 630A*

**Water:**

*Operation pressure: 2-4bar*

*Water consumption: 2,0 l/s*

*Water connection 1" male thread*

*Water quality: potable (drinking) water preferred. Customer must provide filtered water.*

*Water must be without biological content (alga) and within limits for other substances.*

*(TechnoAlpin table with max and min values)*

*Water quality: conductivity between 0,6 mS/cm and 1,6mS/cm.*

*If conductivity to low water treatment by adding minimal amounts of minerals*

**Dimensions:**

*length: 12 192mm*

*width: 3 500mm*

*height: 8 532,9mm*

*Weight: 33 000kg*

**General:**

*Operating range temperature: -5°C - +25°C*

*max water temperature: 25°C*

*refrigerant: R717*