

Bucceri Ice Flake Module



Simple to Operate
Miniature Ice Flakes
Any Temperature
Plug and Play

The **Ice Flake Module** is the next advancement in continuing development and improvement of the original, patented **Bucceri B4 All-Weather Snow Making Machine**. It provides the correct sized ice particles to connect to the Bucceri B4 Snow Maker to make the finest quality snow available.

Each module when connected to a B4 snow maker can create up to 10 cubic metres of snow daily at a density of 0.4 from water alone.

You can connect from 1 to 50 modules to a single B4 snow maker and the system can be controlled to operate automatically making fresh snow on a batch cycle or continuous cycle. That means 10 to 500 cubic metres of snow daily depending on the Ice Flake Modules connected! Just connect to water and power, dial in your preference and you are set to go.

Features

•Control panel

The LED Control Panel displays everything needed to control your flake ice production. You can access the control panel directly from the LED display or remotely using the state-of-the-art software that allows you to access and control the equipment from your computer, laptop, iPad or Phone.

•Adjustments of the B4 output for snow making

Digital technology, a PLC and Variable Speed Drives allow you to control the output times and adjust it to your needs. The delay time and output time can be programmed to the exact minutes.

•Modular Operation

With our modular snow production system, you can add more modules to our patented snow fan unit to increase production ranging from 1/2 cubic metre up to 20 cubic metres of fresh snow per hour with an ability to blow the snow in a straight line or in the air up to 25 metres from a single machine consisting of an Ice Generating Module and B4 snow maker.

How Does it work?

The **Bucceri** Ice Flake Generator makes ice directly from water with the ability to operate and produce falling snow within minutes of activation.

The **Bucceri** Ice Flake Generator uses refrigeration equipment to produce small particles of ice continuously from fresh water. The Bucceri Ice Flake Generator are produced with wheels and levelling devices to be easily moved by a forklift or wheeled into position for use. The ice that is produced is stored in the conveyor and then harvested into snowflakes by our B4 snow machine as they are blown from the machine.

Safety

The **Bucceri Snowfall PLUS** complies with all current safety requirements for a machine of its type.

Service

The strong partnership between Australian Manufacturer Bucceri Snow Making Pty Ltd, and Local Partners provides quick and easy service guaranteeing the high quality of all products.

Technical data for Each Module

Procedure	Ice Flake Generator
Power requirement Including 1 Module with 2 ice Generating Units	Total Load 30 Amps plus E and N Total Load Ice Generation 30 Amps plus E and N Consisting of: Ice Generator A 15 Amps Ice Generator B 15 Amps
Voltage	415V/50Hz 3phase
Warm up time	approx. 3 min.
Power Consumption at design output of 20-minute cycles	17kw/hour
Design Operation	20 Minute Cycle 1 Minute On
Module Dimensions	2400 by 2200 by 1770mm Weight 1230kgs
Ice Production Daily Snow Production Daily	4000kgs 10 cubic Metres
Water Usage per Module	3 liters per minute

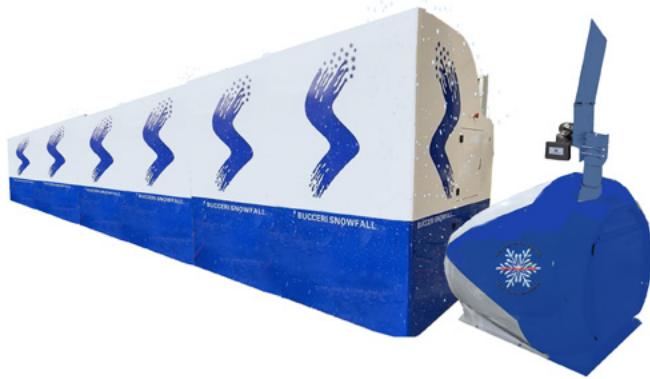
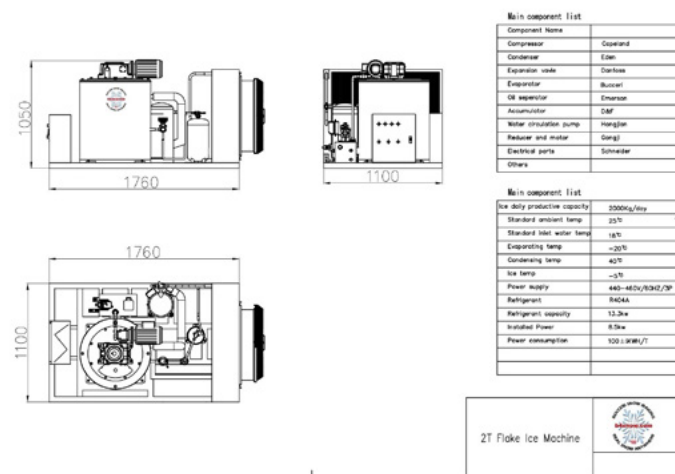


Image of 3 Modules connected to Automated B4 Snow System

Technical data Ice Generating Module

Component Name	Ice Generator
Compressor	Copeland
Condenser	Eden
Expansion valves	Danfoss
Evaporator	Bucceri
Oil separator	Emerson
Accumulator	D&F
Water Pump	US Brand*
Reducer and motor	US Brand*
Electrical parts	Schneider Brand
Ice Generating Units	2
Ice daily productive capacity per Unit	2000 kgs per day
Standard ambient temp	30 degrees Celsius
Standard inlet water temp	18 degrees Celsius
Evaporating temp	-20 degrees Celsius
Condensing temp	40 degrees Celsius
Ice temperature	-7 degrees Celsius
Power supply	415V/50HZ/3Phase
Refrigerant	R404A
Refrigerant capacity	13.3kw
Installed Power	8.5kw
Dimensions per Unit	1700 x 1100 x 1000
Weight per Unit	415 kgs



Bucerri Ice flake Generator- Single Unit