



BUCCERI SNOW



# BUCCERI 365

## ALL WEATHER FAN GUN

### Fan Gun Hybrid



# Bucceri B4 Fan Gun: Snowmaking, Anytime, Anywhere



Transforming the  
World of **Snow**

## Bucceri 365 All Weather Fan Gun: Snowmaking, Redefined.

### Revolutionizing Snow Production: Introducing the Bucceri 365 All Weather Fan Gun

Since 2009, Bucceri has been a trusted leader in all-temperature snow making, serving ski resorts, theme parks, events, and more. Now, we're pushing the boundaries of snow production with the innovative Bucceri 365 All Weather Fan Gun. This cutting-edge technology dramatically increases snow making capacity, performing flawlessly both above and below freezing.

#### Unleash the Power of All-Temperature Snowmaking

The Bucceri 365 All Weather Fan Gun seamlessly blends the functionality of a traditional fan gun with a revolutionary, ice-based nucleation system.

**Dual-Mode Operation:** The Bucceri 365 All Weather Fan Gun can operate *exactly* like a conventional fan gun in sub-freezing temperatures, utilizing its powerful fan that come in a 22kw and 3 kw model and precision water nozzles (activated by an on board control system) to propel snow further and faster.

**All-Temperature Snow making:** What sets the patented Bucceri 365 All Weather Fan Gun apart is its unique, ice-making system. Unlike traditional fan guns that rely on air compressors and nucleating valves, the B4 uses integrated ice machines to create ice nuclei at any temperature. This groundbreaking approach allows for snow production on demand, regardless of ambient conditions.

#### The Bucceri Advantage: Eliminating Weather Dependence

The Bucceri 365 All Weather Fan Gun innovative ice-based nucleation provides significant advantages:

**Snow on Demand:** Stop waiting for ideal conditions. Produce high-quality snow whenever you need it, maximizing your snow making window and ensuring consistent coverage.

**Unprecedented Versatility:** Whether operating as a traditional fan gun in the cold or leveraging its unique ice-making capabilities in warmer temperatures, the Bucceri 365 All Weather Fan Gun offers unparalleled flexibility.

**Increased Capacity:** Boost your existing snow making capacity and maintain consistent snow cover, even with fluctuating temperatures.

**Flexible Deployment:** The fan gun can be provided with it's own on board ice machine to match the capacity of a traditional fan gun with similar capital or operating costs or be connected to a Bucceri container System that provides greater snow output and providing versatile placement options with positioning on the ski trail with distances up to 280 metres used recently at a new installation in Southern China.

#### How it Works:

The 365 utilizes a high-output fan and precisely controlled water nozzles, just like a traditional fan gun. However, instead of relying on compressed air and a nucleating valve, the B4's on board ice machines generate the necessary ice nuclei for snow formation, regardless of temperature. This allows the B4 to create snow in plus temperatures when traditional fan guns are unable to operate.

# TECHNICAL SPECIFICATIONS



The Patented Bucciari 365 All Weather fan Gun operates in 3 modes. In conventional fan gun mode the highest output of water is used. In fog mode sensible cooling is used for heat transfer and less water is added to the ice nuclei. In plus temperature mode the 365 produces dry snow directly to the ground with no water added.

Atomising nozzles can be provided in many configurations and nozzle sizes to match the working conditions.

Snow Making capacity in plus temperatures depends on the number of ice machine modules chosen and can range from 15 to 250 cubic metres of guaranteed snow daily.

ESTIMATED WATER FLOW LITRES					
WaterFlow(Litres Per Minute)					
Bank	Nozzles	13BAR	20BAR	27BAR	34BAR
Valve1	6 x .078	52	64	76	88
Valve2	6 x .092	68	92	104	120
Valve3	6 x .125	88	108	124	140
Additional As Needed					
Total	18	208	264	304	348

ESTIMATED WATER FLOW GALLONS					
Water Flow (Gallons Per Minute)					
Bank	Nozzles	200psi	300psi	400psi	500psi
Valve1	6 x .078	13	16	19	22
Valve2	6 x .092	19	23	26	30
Valve3	6 x .125	22	27	31	35
Additional As Needed					
Total	18	54	66	76	89



The 365 Can Connect direct to your existing snow making water and power supply like a normal fan gun.

Nozzles and the nozzle ring style can be supplied with heaters, solenoid valves and automated control to provide snow on demand when temperatures are below freezing.

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Contact us today to learn more about the Bucci B4 Blower/Fan Gun Hybrid and Experience the future of snowmaking.

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