

Snowmaking Technology Leader

**SnowTech's
Snow Making
Machines**

We make real snow



snowpop Home snow making machine (Mini/Small snowmaker)



S.T SNOWTECH CO.,LTD. Snow Tech Story



Snow Tech is a professional company who continuously concentrated on "snowmaking technologies", and specialized in manufacturing "Snowmaker" machines.

We believe that snow is God's most beautiful and romantic gift to man. While researching on and developing snowmaking technologies, we gain deeper insights on the relationship between man and nature. We at SNOWTECH will constantly pursue valuable technologies that harmonize men and nature, guided by our philosophy.

Snow making Technology Leader

SnowTech Co., Ltd.

SNOW TECH SNOW POP

SMALL!
EASY!
SIMPLE!

SNOW POP Size

150cm

Small Snowmaker Easy snowmaking snowpop

SNOW POP is a small and easy snowmaker which anyone who wants to make snow can use.

SNOW POP can make snow easily and freely out of snowmaking which has been difficult and of a hassle. The previous snowmaking was possible only with high tension electricity, Dedicated snowmaking pump, large snowmaking water and other Ancillary facilities. But, SNOW POP resolved these problems so that even ordinary users Can experience Snowmaking. Now, try to make snow place only for me With SNOW POP at your home, garden and downtown.

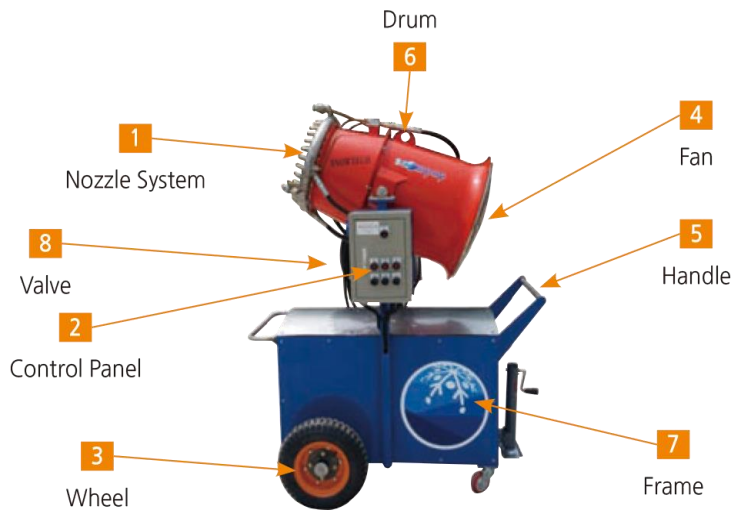
SNOW POP Features

- Popularization of snowmaking, Snow POP
- Anyone can make snow easily.
- You can apply to any area such as home, downtown, commercial space, education field, snow-related activities and other snow projects.
- Serviceable with general household electricity (220V, Single phase)
- You can supply water just by connecting with tap water
- Due to small size, easy to move and snowmaking at the place where you want.
- Easy to use.

Start snowmaking with SNOW POP!



SNOW POP Structure



SNOW POP Use

Create your own snow sliding and snow garden!

1. Personal sleigh slide at home
Backyard sliding and skiing
2. Snow decoration at downtown, commercial facilities,
Passenger service facilities, etc. (Snow decoration)
White Christmas, home decoration
3. Winter snow project at educational institution such as school,
preschool, etc.
School snow project
4. Scientific testing
5. And all places where snow activities are needed snow activity
6. In spring & autumn, removal of fine dust by water injection /
In summer, available with cooling function cooling down ambient
temperature by water injection (also available with fountain)

SNOW POP Snowmaking and Multi function



Snowmaking in the home garden,
snow slide, shopping mall or
snow playground in winter



Technical Specification

Model/Type	SNOW POP/FAN TYPE		REMARKS
Dimension	Length	1,400mm	
	Width	900mm	
	Height	1,640mm	
Weight	-	150kg	
Power Consumption	Household electricity	220V, Single phase 5.5kW	380V Production-ready
Nozzle System	Water nozzle	30EA	
	Nucleator nozzle	3EA	
Water pressure	-	Household Water supply	
Operating Angle	Tilting angle	0°~70°	
Discharge distance	-	15m~60m	

SNOW POP Noise Data

Location Distance	Front	Rear	Note
10M	68dB	68dB	
20M	63dB	61dB	
30M	58dB	56dB	



Snow decoration



Removal of fine dust in spring



Outdoor cooling (fountain) function
in summer

SNOW TECH SNOW ZEUS



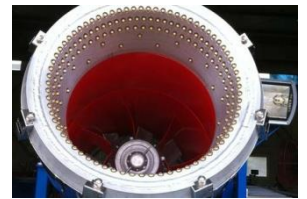
TOP OF TOPS Fan Type Snowmaker SNOWZEUS

SNOWZEUS is a Snow making machine used to produce a mass of snow in Ski Resort and Sledge Park in the field.

SNOWZEUS produces snow at the temperature below zero and can produce a rich amount of snow and has the good snow quality. Reflecting the climate conditions of nowadays, we designed "Manifold" that can be operated in 5 steps corresponding with the temperature of climate, and maximized the snowmaking capacity by Multi-Nozzle System.



Manifold System



Nozzle System

SNOW ZEUS Features

- Making high quality snow near to natural one.
- Easy to operate and maintain the machine system.
- Simple operating system.
- Lower failure rate.
- Maximized energy efficiency.
- Training, maintaining and repairing by specialized engineers.
- Supporting customers with long experiences in installing and designing.

SNOW ZEUS Technology

- 1. "NUCLEATOR TECHNOLOGY"** that can make snow in high temperature (-1 °C) The "New Nucleator System" has been developed by many years of research and test. It has much bigger snow making capacity in high temperature.
- 2. "Auto System" equipped**
Eliminated the factors that can cause sudden breakdown in a hard cold winter, and applied "Auto System" so that it can be operated more easily. (Auto Swing Function, Auto Rotating Function)
- 3. Core technology for increasing snow making**
Increasing snow making capacity by applying subdivided Nozzle Control in accordance with temperature.
- 4. Simple System**
With long time study, we reduced the factors of malfunction by decreasing parts of "Regulator", and making the pipe composition more simple.



Website : www.snowtechco.kr

SNOW ZEUS Structure

Technical Specification



Spray Manifold



Scroll Oil-free Compressor



Swing Motor & Reducer



Strong and precise Triple Water Filter



Auto Control Valve & Manual Valve System



SUS Control Panel



High Capacity Fan with high Polymer Coating

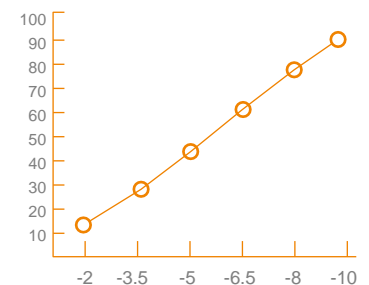
Model/Type	SNOWZEUS/FAN TYPE		REMARKS
Dimension	Length	2.95m	
	Width	2.25m	
	Height	2m	
Weight	-	750kg	
Power Consumption	Fan	15kW	(380V, 3Phase)
	Compressor (Scroll Oil-free Type)	3.7kW	
	Heating	5kW	
Nozzle System	Water nozzle	228EA	
	Nucleator nozzle	8EA	
Water pressure	-	11Bar~30Bar	(Recommend : 20~25kg/cm ²)
Operating Angle	Swing angle	360°	
	Tilting angle	0°~70°	
Discharge distance	-	15m~60m	

SNOW ZEUS Snow Production

※ Water Temperature : 3℃ / Relative Humidity : 60% / Water Pressure : 20kg/cm² / Snow Density : 0.3520

Air Temp.	℃	-2	-3.5	-5	-6.5	-8	-10
Eject Q'ty(Water)	l/hr	3,542	9,090	14,396	20,444	26,204	31,061
Snow Q'ty	m ³ /h	10	26	41	58.4	75	94

* Snow making capacity can be adjusted by Nozzle arrangement , above tale is for high temperature area.



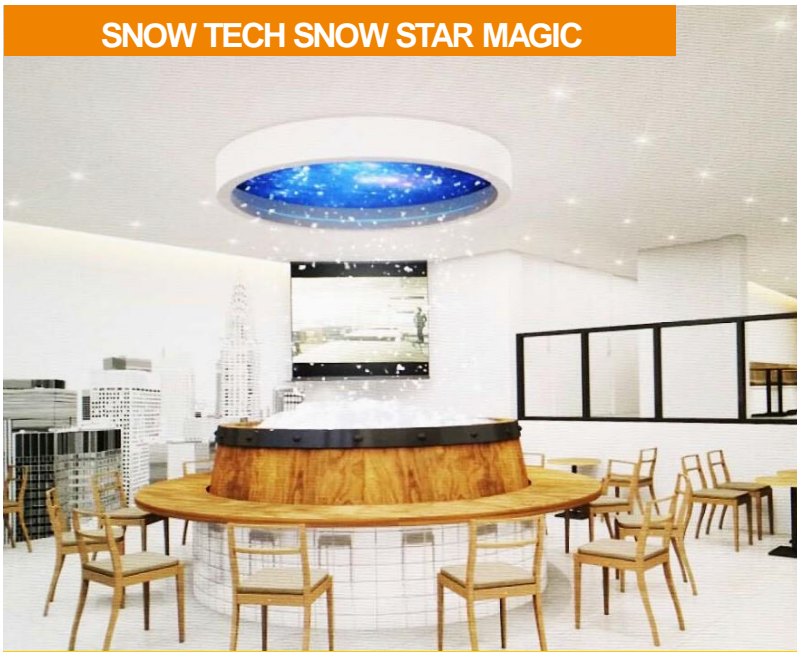
SNOW ZEUS Snowmaking



www.snowtech.co.kr
SNOWTECH CO., LTD.

Website : www.snowtechco.kr

SNOW TECH SNOW STAR MAGIC



All Weather Snow Making
Snow Solution

SNOW STAR MAGIC



Real Falling Snow at Any Temperature
All Weather Snowmaker

SNOW STAR MAGIC

This snowmaker can make real cold snow in the whole year and be used at temperature from zero to 25 degrees.

Snow Star Magic has been used in the snow park, snow play park and ice room of spa as well as the cafe, restaurant with the place to snow. The biggest advantage is definitely to touch and feel real cold snow.

Your unique snow falling space can be created anywhere!



Snow Ice Cream



Snow Spa

SNOW STAR MAGIC

Real falling snow space
All year around



Snow House



Penguin house in national zoo

SNOW STAR MAGIC Features

- It will make real, cold snow fall in all four season at any temperature.
- It can be installed indoors and outdoors, making it possible to enjoy the texture and scenery of snow falling similar to that of natural snow.
- It will help create a unique snow-themed setting.
- It can help people experience fine and dry snow that feels natural.

- It will help create a pleasant and eco-friendly space with fresh snow.
- There is a round-shaped LED light installed to escalate mood and create a sentimental space while snow is falling.
- It can be operated easily and simply with its control panel that includes an automatic system.

SNOW STAR MAGIC Structure



Technical Specification

Snowmaking	Snowmaking temperature		0℃~25℃
	Snowmaking quantity		0.3m³/h
	Particle of snow		100μm~700μm
	Weight of snow		0.15

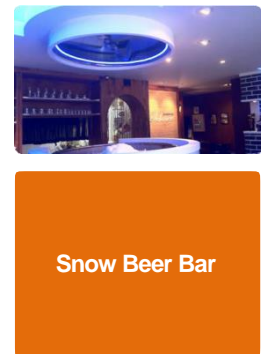
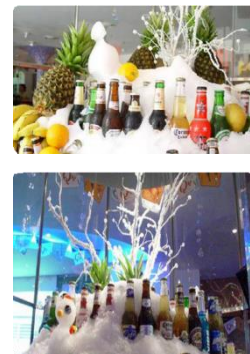
Model			SSM (SnowStarMagic)
Size	Dia.	1,160mm	
	Height	800mm	
Weight			120kg
Supply power			AC380V-3.5kW/hr
Outdoor Unit	Shape	or	
	Comp.	AC380V-5kW/hr	

Fresh snow, where you want it, whenever you need it

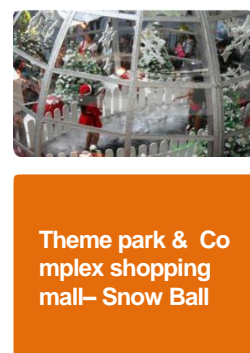
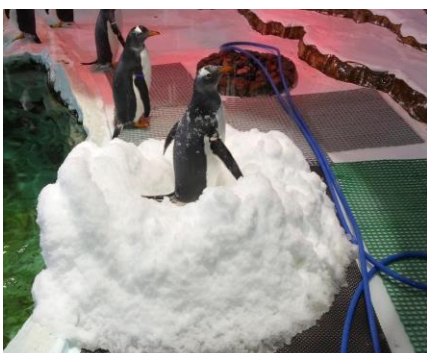
SNOW STAR MAGIC Snowmaking



Snow Ice cream & Snow Cafe



Snow Beer Bar



Theme park & Co
mplex shopping
mall- Snow Ball

Snow Animal Area



Snow Spa



Snow tunnel in a snow
fun park



Museum

Winter Lab & Snow
Chamber

SNOW TECH ICE MAGIC



Snow Maker
Real Snow,
Any where,
Anytime! All
Season Sno
wemaker
ICE MAGIC

Ice Magic is a snowmaker that works in any season without being affected by temperature.

Existing snowmakers can produce snow only below zero degrees. However, Ice Magic can produce snow at any temperature.

Furthermore, while existing snowmakers require complicated additional facilities including a mass storage water tank, power and a high pressure pump for producing snow, Ice Magic can be utilized very efficiently because it can produce snow easily and simply any place and any time with only the input of ice, the material for making snow, and power.

ICE MAGIC Features

- It does no harm to humans and to the environment as it uses standard ice.
- It can make snow anytime, even at temperatures other than the freezing point.
- Easy to move around with diverse moving systems (motorized type / towed type) It can make snow anywhere as it is equipped with a hose.
- It allows easy operation as it only needs to be connected to a power source (380V/3-phase) and does not require additional facilities.



ICE MAGIC Application Areas

- Outdoor Snowboarding
- Outdoor Ski Resorts
- Indoor Ski Center
- Major City Events
- Mini ski-slope for kids to sledge down
- Snow Park
- Snow Test on automobiles and electronic goods
- Ice Rink
- Fun Park
- Film, TV & Advertising
- Events ; Brand activations, Product launches, Fashion show, Seasonal parties, Mall installations



ICE MAGIC Technical Specification

Ice Magic	Technical Spec. (Main Body)	
	Voltage	Three-phase 380V (about 19kW)
	Weight	About 550kg
	Input hole size	290mm×170mm
	Snowmaking capacity	4.8m³/h of ice crushing per hour; snowmaking amount: 13.7 m³/h
	Noise	(snow gravity: 0.35)

ICE MAGIC Type



[Caster Wheel Type]



[Towed Type]



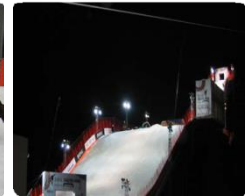
[Motorized Type]

Live Falling Snow In Any Season

ICE MAGIC Snowmaking



AUSTRALIA PERTH's Snow Slope



Snow Board – Big Air Championships



Real Snowing Festival



Igloo



Snow Board in City



TV CF

Live Falling Snow Event

Indoor Ski Center

Snow, the most romantic fantasia blessed by God.

- SnowTech -

SnowZeus, For Ski Resort Use
SnowStarMagic, Real Falling Snow at Any Temperature
Ice Magic, Live Falling Snow in Any Season!

More info ins available at :
www.snowtech.co.kr

www.snowtech.co.kr

 www.snowtech.co.kr
SNOWTECH CO., LTD.

329, Deokgogae, Sinni, Chungju, Chungbuk, Korea
(Post Code 27456)

Tel : 82-43-848-1595 / **Fax** : 82-43-853-7403
E-mail : snowtech@snowtech.co.kr