



# **ENT-4D-SNOW**

## **4D SNOW EFFECT MACHINE**

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## 4D Snow Effect Machine

Brand: TWT Technology

Model: ENT-4D-SNOW

Application: 4D / 5D Cinema, simulation theater, immersive entertainment systems

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## Product Overview

The ENT-4D-SNOW 4D Snow Effect Machine is a professional atmospheric effects device developed to simulate realistic falling snow for immersive cinema and themed entertainment environments. Designed for synchronized show applications, the system creates natural snow-like output to enhance winter scenes, storm sequences, fantasy environments, and dramatic theater effects.

With a high-power fan system, adjustable snowflake output, and long-distance delivery capability, the ENT-4D-SNOW is suitable for installation in control rooms or equipment rooms, minimizing operating noise inside the theater while maintaining strong visual performance in the show area.

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## Key Features

- Professional 4D snow effect generator
- Creates realistic and immersive falling snow scenes
- Suitable for theater, simulation, and themed attraction applications
- High-power fan for extended snow delivery distance
- Adjustable snowflake size, snow output, and wind intensity
- 10-meter telescopic hose extendable up to 20 meters
- Unique anti-oil leakage design for easier transport and use

- Can be installed in control room or equipment room to reduce audience noise disturbance
  - Convenient floor placement for easy consumable refilling
  - Supports DMX512 control
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## Technical Specifications

Parameter	Specification
Product Name	4D Snow Effect Machine
Model	ENT-4D-SNOW
Voltage	AC220V 50Hz / 110V 60Hz
Power	3000W
Tank Capacity	20L
Maximum Output	400 ml/min
Coverage Area	150 m <sup>3</sup>
Control Mode	Wire DMX512
Hose Length	10 m telescopic hose (extendable up to 20 m)

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## Performance Description

The ENT-4D-SNOW is designed to reproduce the visual effect of falling snow, creating a realistic and mysterious atmosphere for theater audiences. Its powerful air system allows snow output to be projected over a longer distance, making it suitable for larger cinema rooms and immersive attractions.

The system offers adjustable control over:

- Snowflake size
- Snow output volume
- Wind strength

This allows operators to customize the effect according to scene intensity, from soft ambient snowfall to stronger snowstorm simulation.

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## **Installation Advantages**

The machine is designed for flexible professional installation. By placing the unit in a **control room** or **equipment room**, operational noise can be kept away from the audience area, improving overall viewing comfort.

Additional installation advantages include:

- Floor placement for easy replenishment of snow fluid
  - Hose-based remote delivery for flexible positioning
  - Easier integration into theater technical rooms and concealed system layouts
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## **Control and Integration**

The ENT-4D-SNOW is equipped with **Wire DMX512** control for integration into professional show-control systems. It can be synchronized with:

- Motion seat systems
- Wind effect systems
- Lighting and strobe effects
- Rain, smoke, and other 4D environmental devices
- Centralized cinema automation systems

This makes the machine ideal for immersive and time-synchronized entertainment applications.

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## **Application Areas**

- 4D Cinema
- 5D Cinema
- Motion simulation theater
- Theme park attractions
- Immersive entertainment venues
- Seasonal and winter-themed experiences

- Environmental special effects systems
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## **Technical Advantages**

- Strong snow projection capability
- Adjustable snow and airflow parameters
- Long hose extension for flexible installation
- Reduced theater noise through remote placement
- Large 20L tank capacity for extended operation
- Reliable DMX integration for professional control



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