

SNOW ROOM

REAL SNOW. AUTHENTIC COOLING.

COOL DOWN. REFRESH. REVITALIZE.

Snow Rooms bring the magic of real snow indoors all year round. Advanced snowmaking technology creates a gentle snow environment in a comfortable, fully controlled space—offering a unique and enjoyable cooling experience for body and mind.





TEMPERATURE
-10°C to 0°C
(14°F to 32°F)



HUMIDITY
NOT CONTROLLED



EXPERIENCE
REAL SNOW
THERMAL CONTRAST
REFRESHING COOL-DOWN



BENEFITS
REFRESHING
REVITALIZING
THERMAL CONTRAST



WHAT IS A SNOW ROOM?
A Snow Room is a compact, enclosed space where real snow is produced using air and water—without added chemicals. It provides a gentle, dry-cold contrast experience that is safe, enjoyable and suitable for most wellness facilities.

- ✓ Real snow made from air and water – no chemicals
- ✓ Perfect complement to saunas, steam rooms and thermal circuits
- ✓ Provides a gradual cold contrast following heat experiences
- ✓ Ideal as a cold contrast following heat experiences
- ✓ Creates a playful, memorable and premium experience



IDEAL PLACEMENT
Locate close to sauna, steam and other heat experiences to facilitate the hot/cold thermal sequence.

For high-use commercial installations, consider a temperature-controlled buffer/transition zone to reduce heat infiltration and refrigeration load.



SNOW GENERATION
A dedicated snowmaking system produces real snow using air and water, without added chemicals. Snow is generated through specially designed nozzles integrated into the side walls.



COLD AIR PRODUCTION
A dedicated cooling system chills the air and maintains the room temperature between -10°C and 0°C (14°F to 32°F).



REAL SNOW EXPERIENCE
Fresh snow is generated through dedicated nozzles integrated into the side walls, creating an authentic snow environment for cooling the body following heat experiences.



THERMAL CONTRAST
After heat therapies, the cold stimulates circulation, boosts recovery and provides a refreshing cold contrast for body and mind.



WELLBEING BENEFITS
Enhances the thermal journey, leaving guests feeling refreshed, energized and revitalized.



1 COLD SOURCE & SYSTEM

- Dedicated refrigeration system with external condenser.
- Operating temperature -10°C to 0°C (14°F to 32°F).
- Adequate capacity for continuous operation.
- Coordinate snowmaking system with the selected manufacturer.



2 SIZE & SPACE

- Room dimensions and occupancy to be coordinated with the selected snowmaking system and manufacturer.
- Provide adequate circulation and seating / bench space.
- Provide sufficient technical space and maintenance access for equipment.
- Accessibility to comply with applicable local regulations.



3 DRAINAGE & WATERPROOFING

- Proper floor slope and drain capacity essential.
- Provide a drain inside the room.
- Provide a drain outside in the vestibule.
- Fully waterproof all wet surfaces and joints.



4 SENSORY INTEGRATION

- Waterproof audio system suitable for sub-zero conditions (nature sounds, ambient music).
- LED lighting for mood and themes.
- Visual and thematic design compatible with sub-zero conditions.
- All electrical components suitable for the environment.



5 VENTILATION & SAFETY

- Highly insulated cold-room construction.
- Ventilation strategy to be coordinated with the selected snow system / manufacturer.
- Warm water connection for cleaning.
- Non-slip floors with highest practical rating.

MATERIALS & CONSTRUCTION	
 STRUCTURE	Highly insulated, moisture- and mould-resistant construction. Prefabricated, cement-coated, fiberglass-reinforced polystyrene panels or suitable cold-room construction may be considered.
 WALLS	Temperature-stable materials suitable for cold/wet environments such as glass-fiber reinforced plastic, glass or natural stone. Avoid small-format mosaic finishes where possible, as repeated extreme temperature changes may affect grout joints.
 FLOORS	Fully waterproof with adequate drainage and the highest practical anti-slip rating suitable for barefoot wet areas. Floor heating recommended for cleaning, drying and maintenance.
 CEILING	Highly insulated construction. Textured or non-drip finish may be considered in accordance with the selected cold-room system. Integrated lighting & snow nozzles.

COMMON MISTAKES IN SNOW ROOM BUILDS	
	Insufficient thermal insulation and vapour control
	Incorrect refrigeration/snowmaking capacity for room size and usage
	Insufficient drainage or incorrect floor falls causing water accumulation
	Inappropriate flooring with insufficient wet-barefoot slip resistance
	Poor sealing of doors, joints and service penetrations
	Insufficient technical / maintenance access to equipment
	Failure to consider heat infiltration through frequent door opening
	Failure to provide a suitable buffer / transition zone in high-use areas
	Use of finishes / materials unsuitable for repeated sub-zero cycling

ENGINEERING WELLNESS. DESIGNING EXPERIENCES.

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EXPERT ENGINEERING FOR HYDROTHERMAL WET AREAS – FROM CONCEPT TO COMMISSIONING