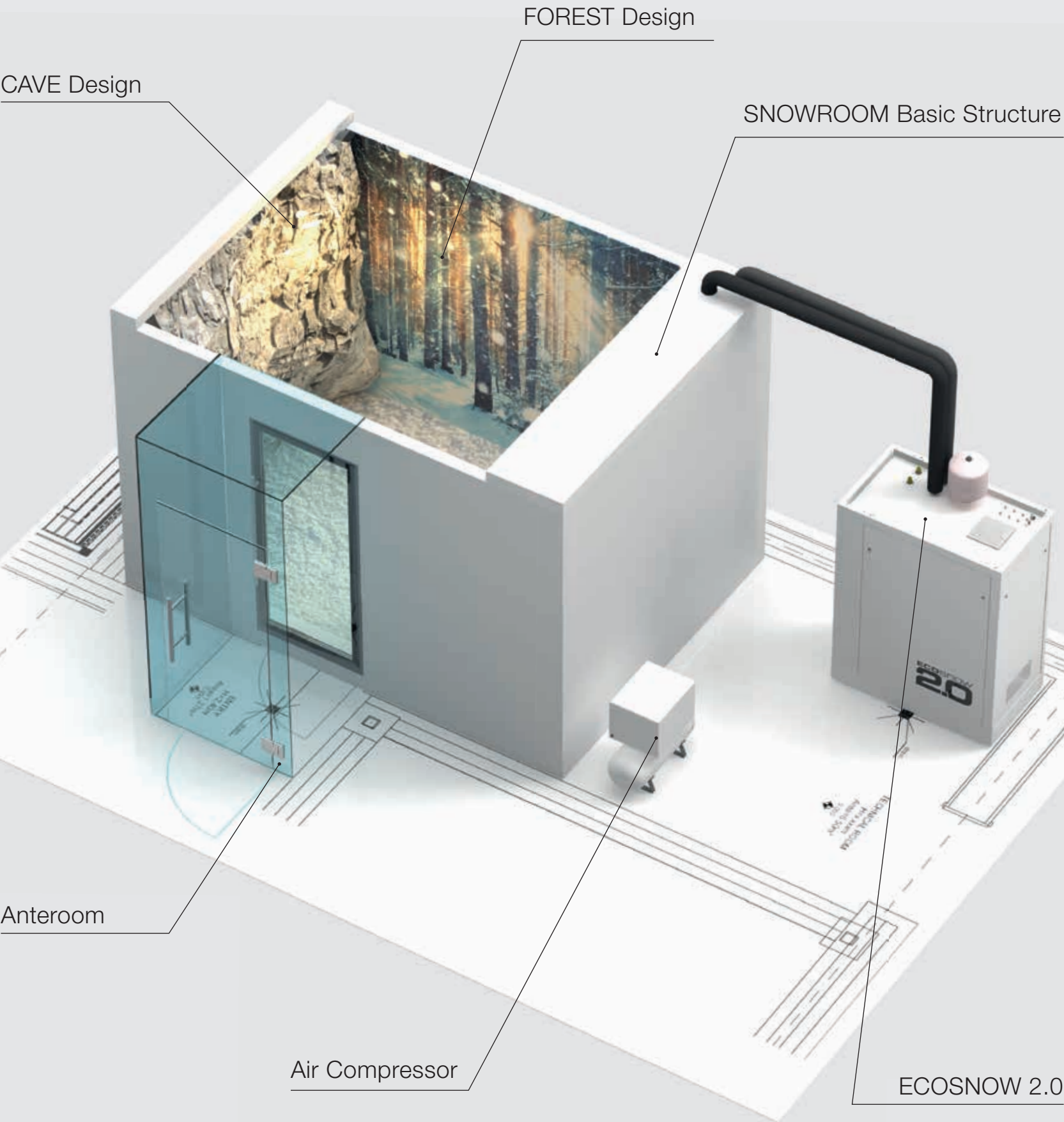




A 3D architectural rendering of a snow machine installation. The machine is a large, light-grey rectangular unit with a black exhaust pipe extending from the top. It is connected to a smaller, white control box via a black cable. The machine is shown in a perspective view, with a window and a door visible on its side. The background is a dark, textured surface, possibly a wall or a backdrop. The overall scene is set against a light grey background with a wavy orange line at the top.

PLANNING GUIDE

2023



SNOWROOM

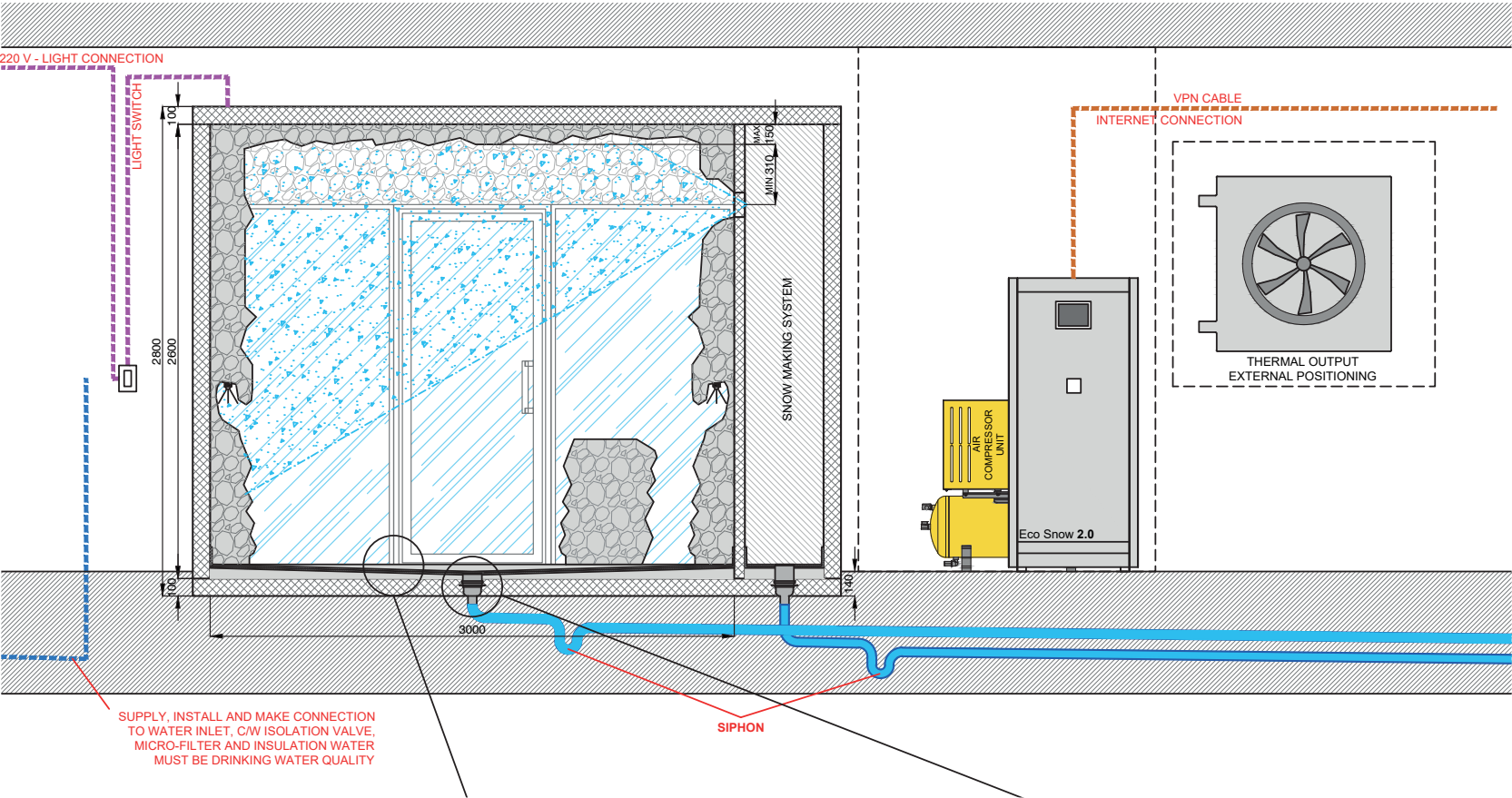
TURNKEY SYSTEM

TEMPERATURES	SnowRoom temperatures (min. - max.)	from -5 to -11 °C	
INTERIOR	Design	Forest Design, Cave Design	
ECOSNOW 2.0 MULTIFUNCTION UNIT	*Depending on visitor frequency and SnowRoom size	EcoSnow 2.0 Mono	EcoSnow 2.0 Dual
	Length	1,338 mm	
	Width	740 mm	
	Height	1,680 mm	
	Weight	450 kg	
POWER FEATURES AND CONSUMPTION	Nominal voltage	400 V	
	Nominal frequency	50 Hz	
	Nominal power	12 kW	20 kW
	Line fuse	32 A	40 A
	Average power consumption for cooling cycle	5 kW	
REFRIGERATION CYCLE	Refrigerant	R407F	
	Refrigerant filling capacity	2.5 kg	
	CO ² equivalent	4,560 kg	
WATER FOR SNOW-MAKING	Water quality	Drinking water	
	Water consumption per snow nozzle (min. - max.)	up to 20 l/h	up to 40 l/h
	Snow quality	Dry powder snow	
CONTROL	Remote access	Via Ethernet	
	Manual operation	Colour touchscreen 7-inch	
	Timing control	Snow cycles individually programmable	
PLANT ROOM FOR ECOSNOW 2.0	Min. space availability	4.5 m ²	
	Max. distance from utility room- SnowRoom	50 m	
	Min. volume of space availability	8.6 m ²	
	Ambient temperatures (min. - max.)	6 - 35 °C	
OPTIONAL COMPONENTS	Air compressor		
	Recooling system option for EcoSnow 2.0 (air recooling, external heat exchanger for heat recovery)		
	Glazed anteroom for larger SnowRooms		

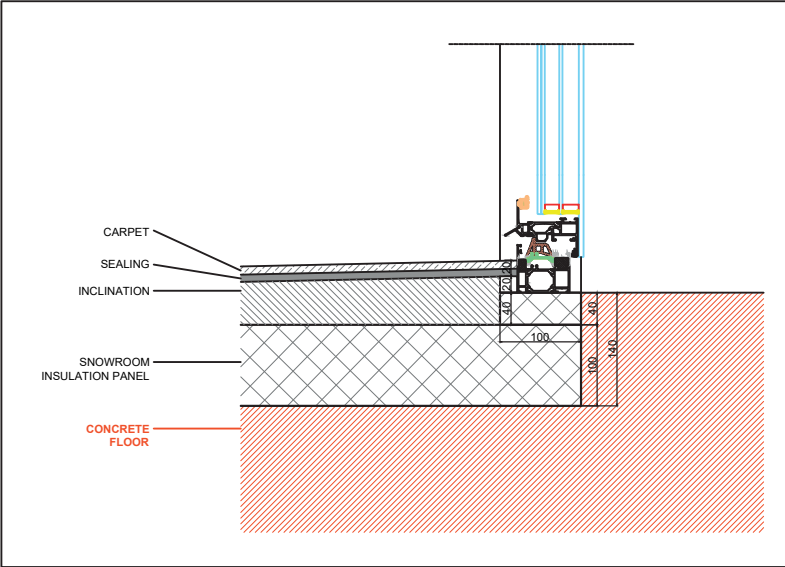
SNOWROOM

TECHNICAL DETAILS

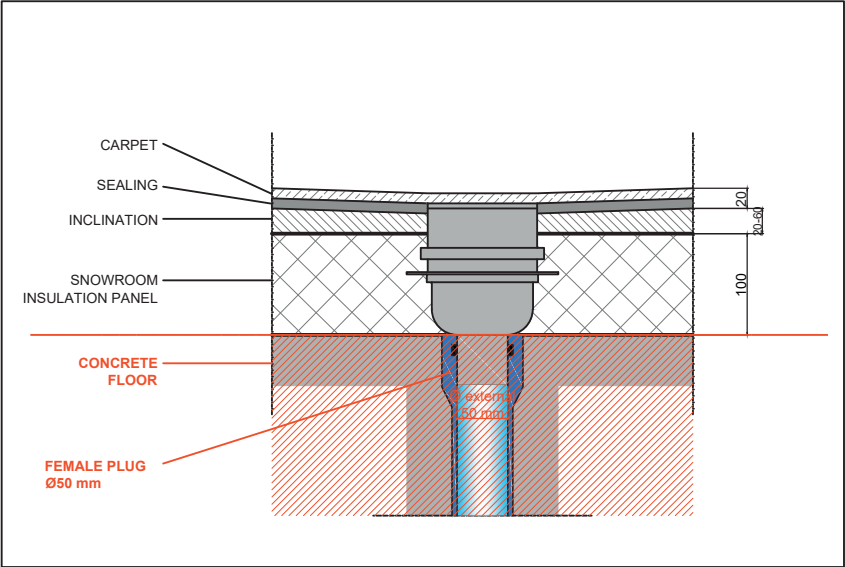
SECTION AA



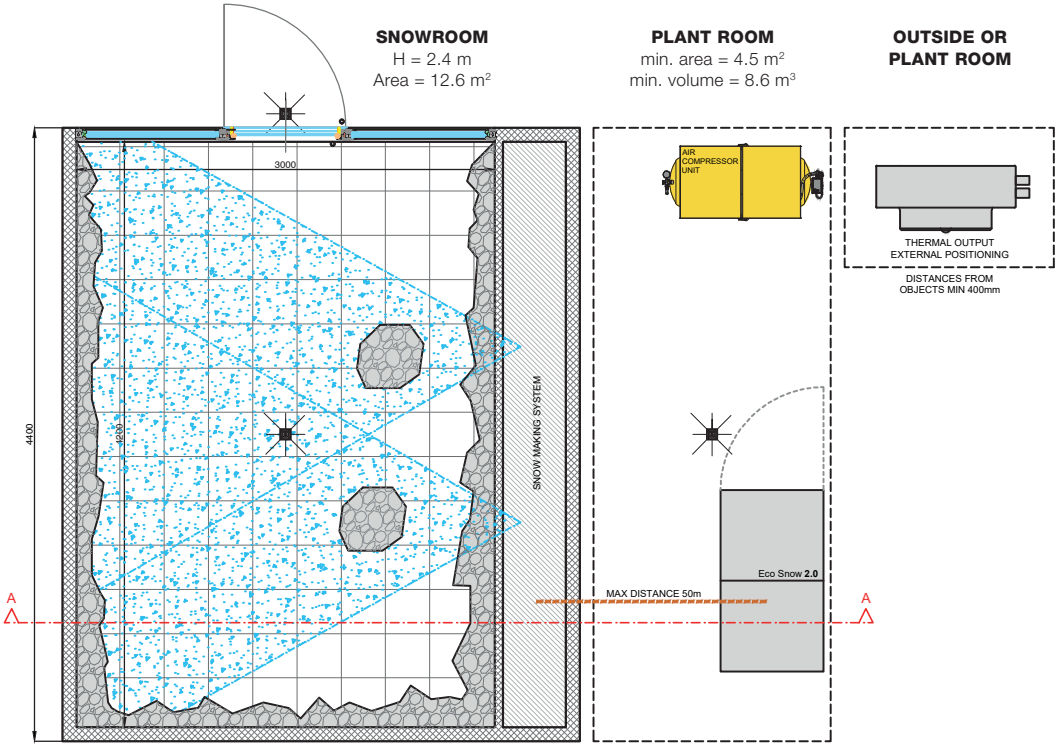
FLOOR DETAIL - DOOR SNOWROOM



FLOOR DETAIL - WATER DRAIN SNOWROOM



PLAN



SCOPE OF DELIVERY

SUPPLIER			
Pos.Nr.	Comments	Information	provided by
	Snowmaking system	min. clearance of snow nozzle to cieling: 26cm	TechnoAlpin
	EcoSnow 2.0 incl. 7 inch touch screen	1338x740x1680 mm - 450 kg	TechnoAlpin
	Air compressor	Mono / Dual	TechnoAlpin

HEATING / SANITARY			
Pos.Nr.	Comments	Information	provided by
	Water connection:	Supply, install and make connections to water inlet, c/w isolation valve, micro-filter and insulation Quality: drinking water Handover from TechnoAlpin: 1/2" female Water consumption: up to 40 l/h	Client
	Floor drain: - for SnowRoom	Supply and fit floor drain complete with syphon and all pipework Connect to DA 50 mm	Client
	- in technical room	Supply & fit trapped floor drain in technical room	Client
	- etrance area of SnowRoom	Supply & fit trapped floor drain in front of SnowRoom	Client

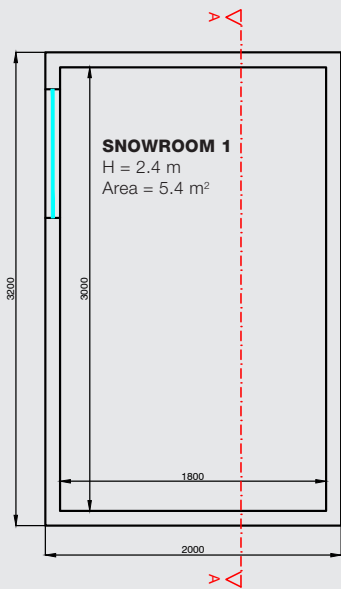
ELECTRICAL			
Pos.Nr.	Comments	Information	provided by
	Supply of electrical cable	MONO: Power supply 400 V - 50 Hz / +- 10%/3/N/P Preliminary fuse: 32 A Nominal power: 18 kW	Client
	Light connection	DUAL: Power supply: 400 V - 50 Hz / +- 10%/3/N/P Preliminary fuse: 40 A Nominal power: 20 kW	Client
	Light switch	Position defined by client	Client

RECOOLING SYSTEM			
Pos.Nr.	Comments	Information	provided by
	Thermal output	max. 20 kW	TechnoAlpin
	External heat exchanger for heat recovery	Outlet temperatur: max. 31 °C Inlet temperature: 37 °C Flow: 0,75 kg/s	Client
	Technical room temperature	min. +5 °C - max. +32 °C	Client

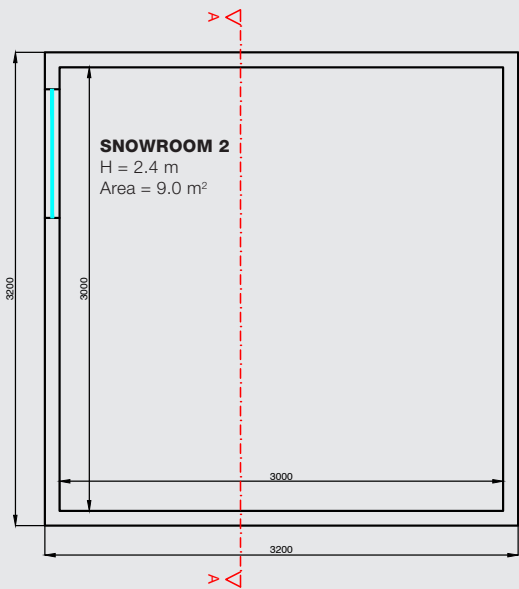
INTERNET CONNECTION FOR CONTROL AND REMOTE CONTROL			
Pos.Nr.	Comments	Information	provided by
	Internet connection	VPN, or IP adress	Client
	Connection from client's network to EcoSnow 2.0	Network cable Cat5E or higher	Client
	Connection to local network	Via 2 IP-adresses	Client



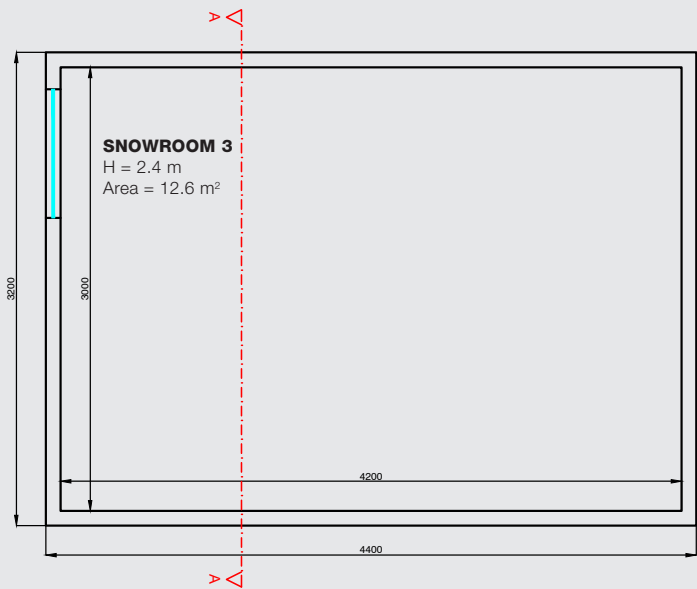
SNOWROOM SMALL
OPTION 1



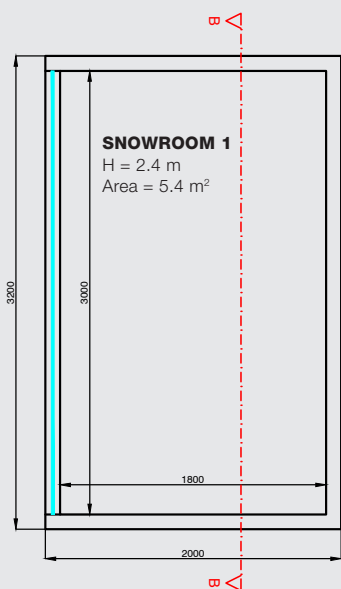
SNOWROOM MEDIUM
OPTION 1



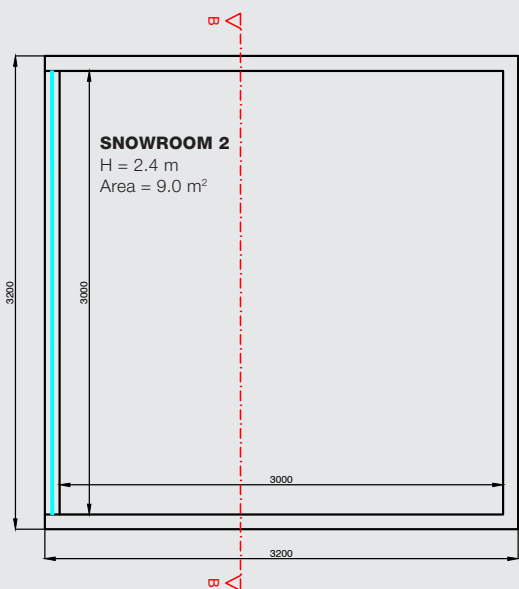
SNOWROOM LARGE
OPTION 1



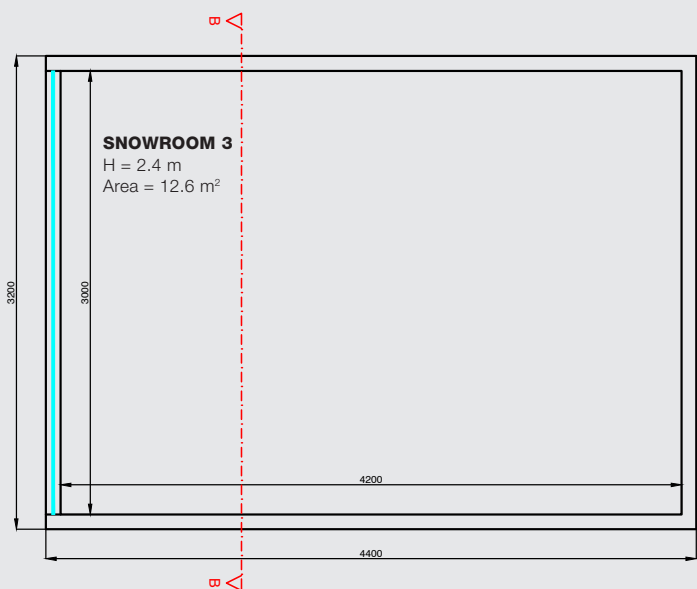
SNOWROOM SMALL
OPTION 2



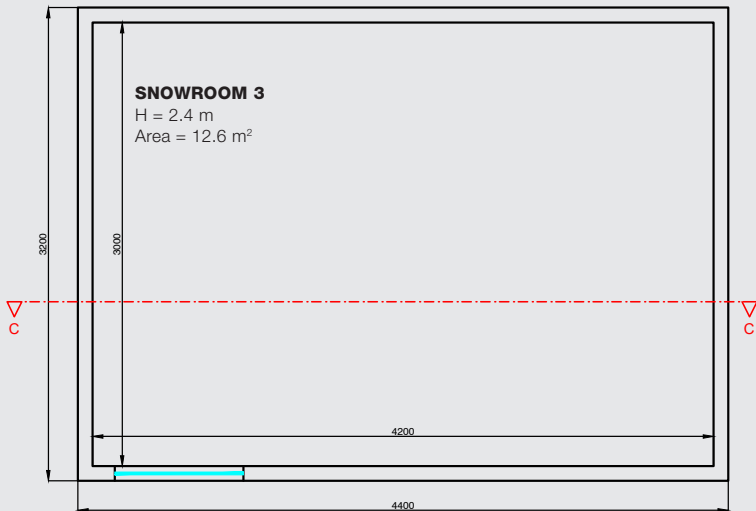
SNOWROOM MEDIUM
OPTION 2



SNOWROOM LARGE
OPTION 2



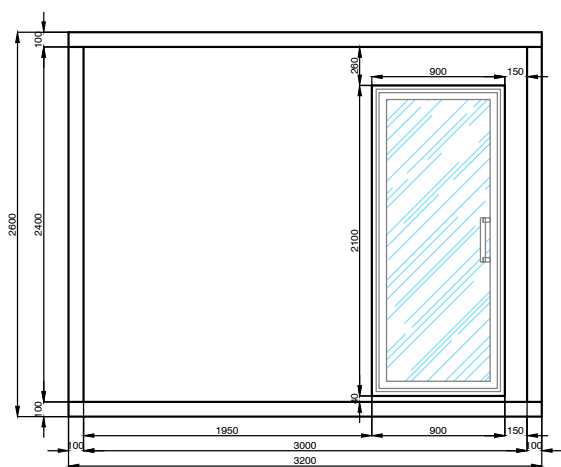
SNOWROOM LARGE
OPTION 3



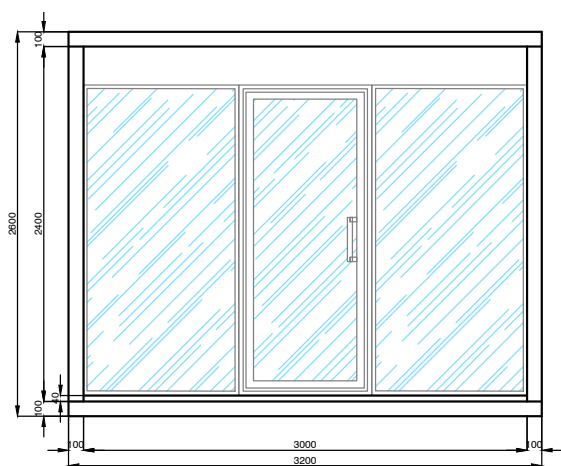
SNOWROOM

STANDARD DIMENSIONS

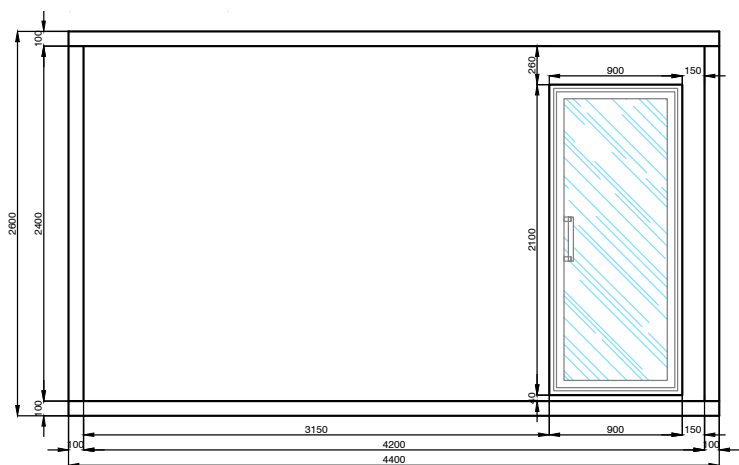
SECTION AA
(SMALL, MEDIUM, LARGE - OPTION 1)



SECTION BB
(SMALL, MEDIUM, LARGE - OPTION 2)



SECTION CC
(SMALL, MEDIUM, LARGE - OPTION 3)



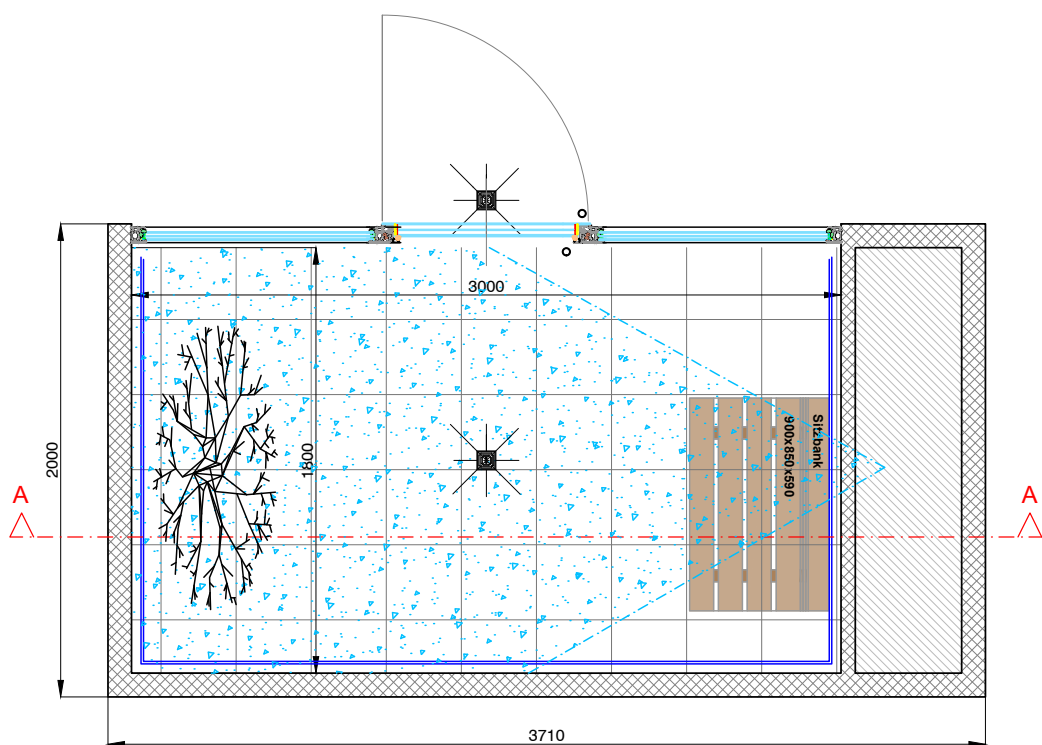


SNOWROOM

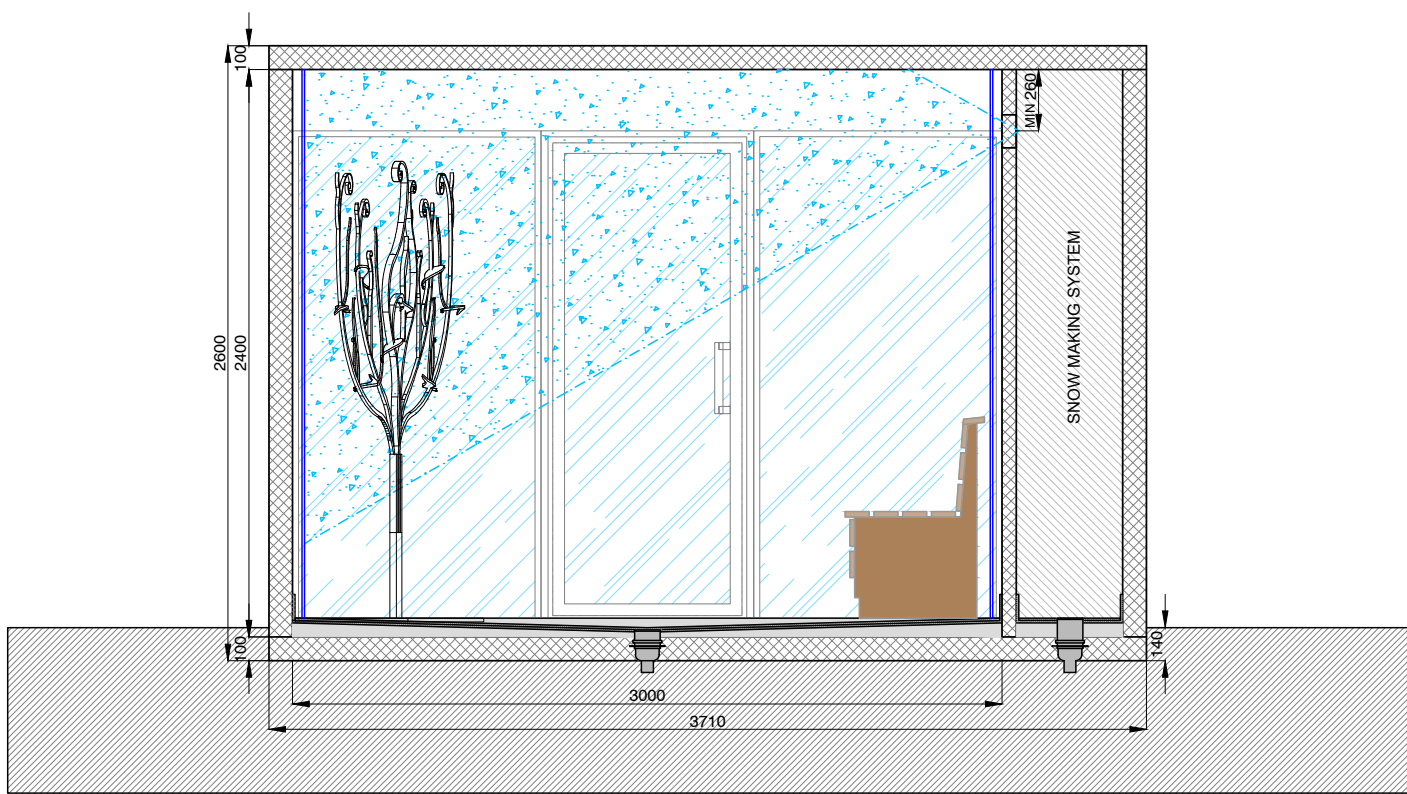
SMALL

H = 2.4 m
Area = 5.4 m²

PLAN



SECTION AA



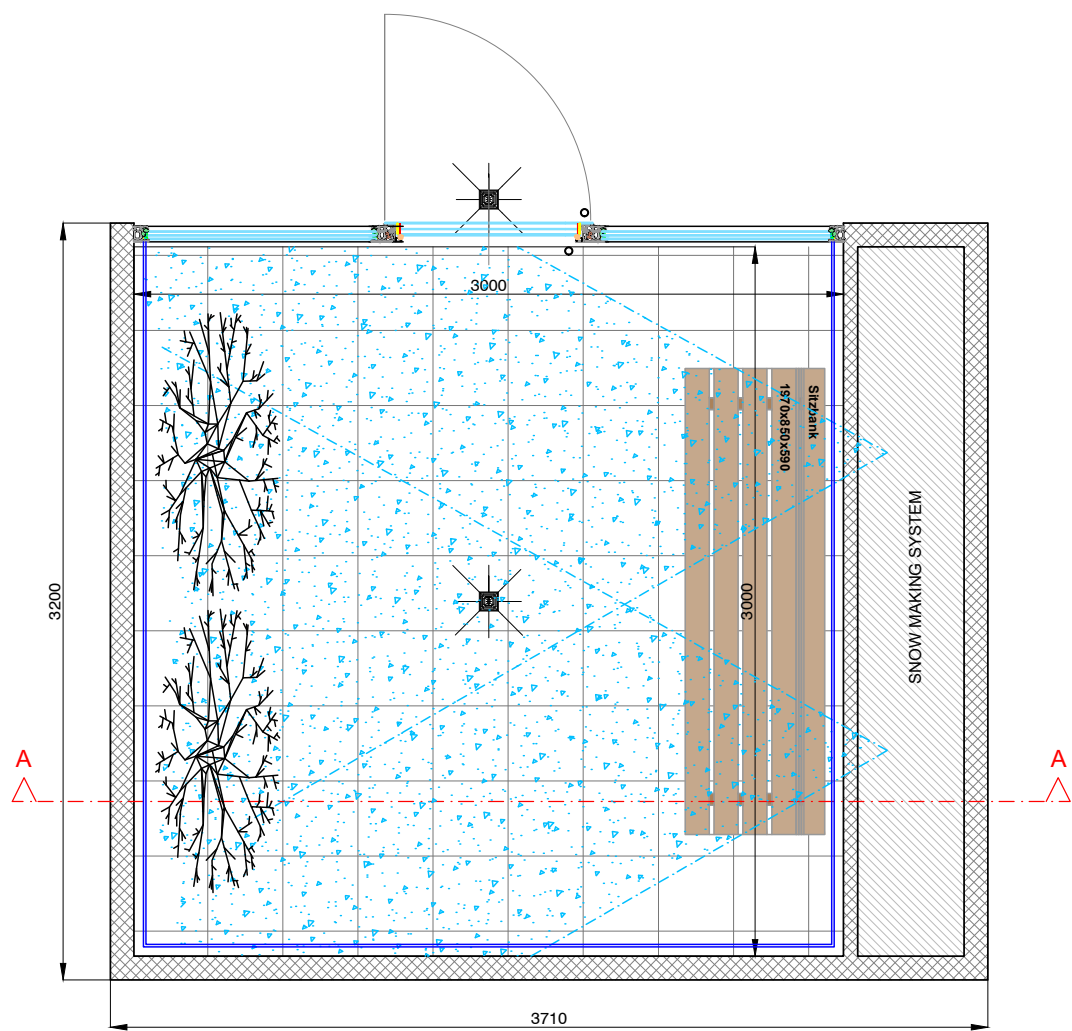


SNOWROOM

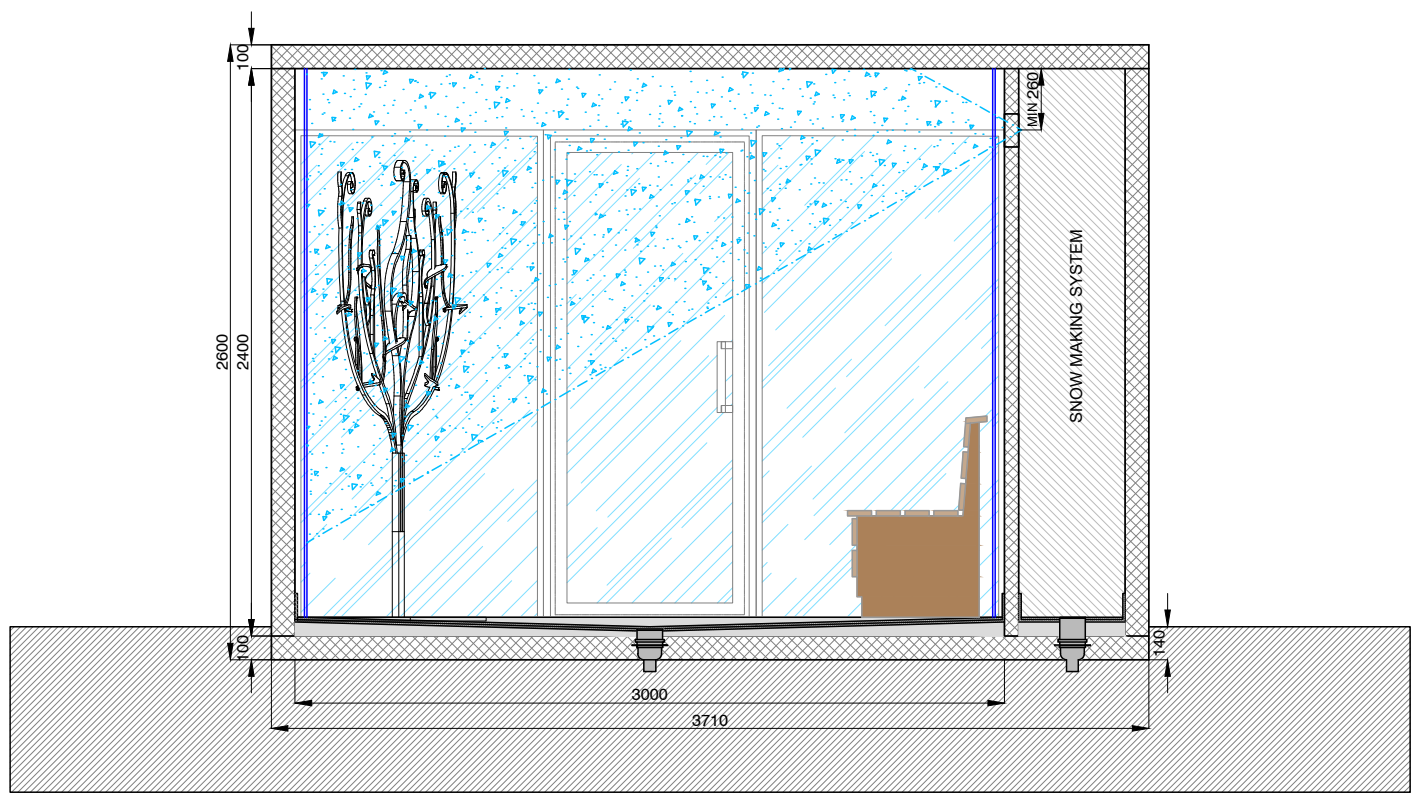
MEDIUM

H = 2.4 m
Area = 9.0 m²

PLAN



SECTION AA



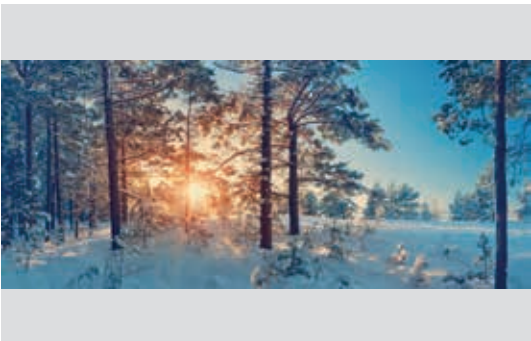


SNOWROOM
SNOW FOREST

SNOWROOM

FOREST DESIGN INTERIOR OPTIONS

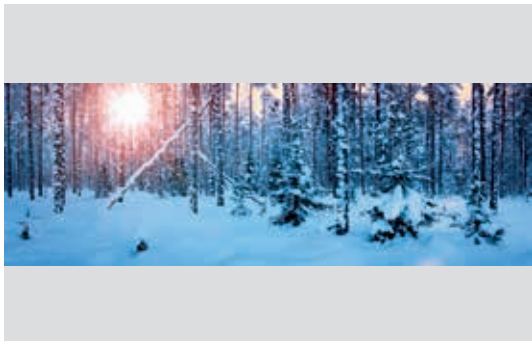
Material specifications: printed glass walls, LED backlights



Motif 01



Motif 02



Motif 03



Motif 04



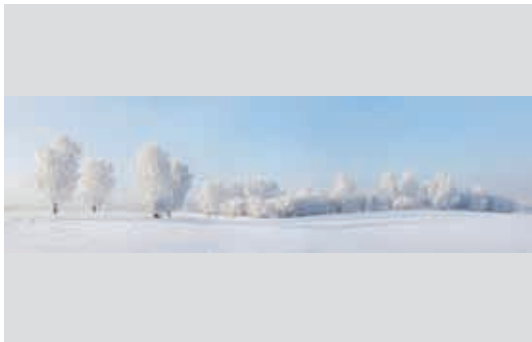
Motif 05



Motif 06



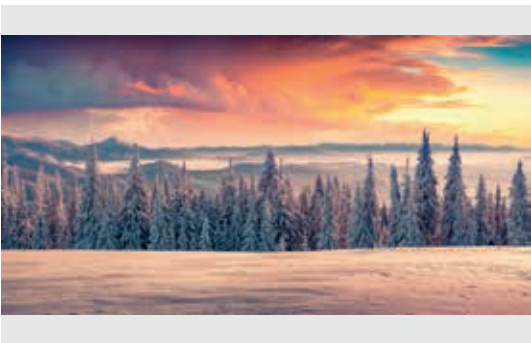
Motif 07



Motif 08



Motif 09



Motif 10



Motif 11

ACCESSORIES



Forged Snowtree



Seating bench old wood
(1970/900/1400/1200)x850x590 mm

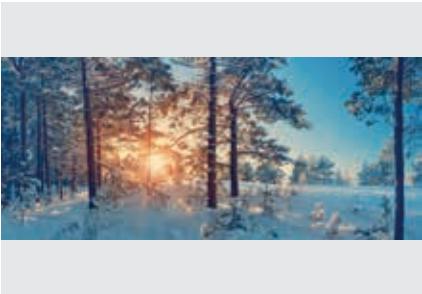
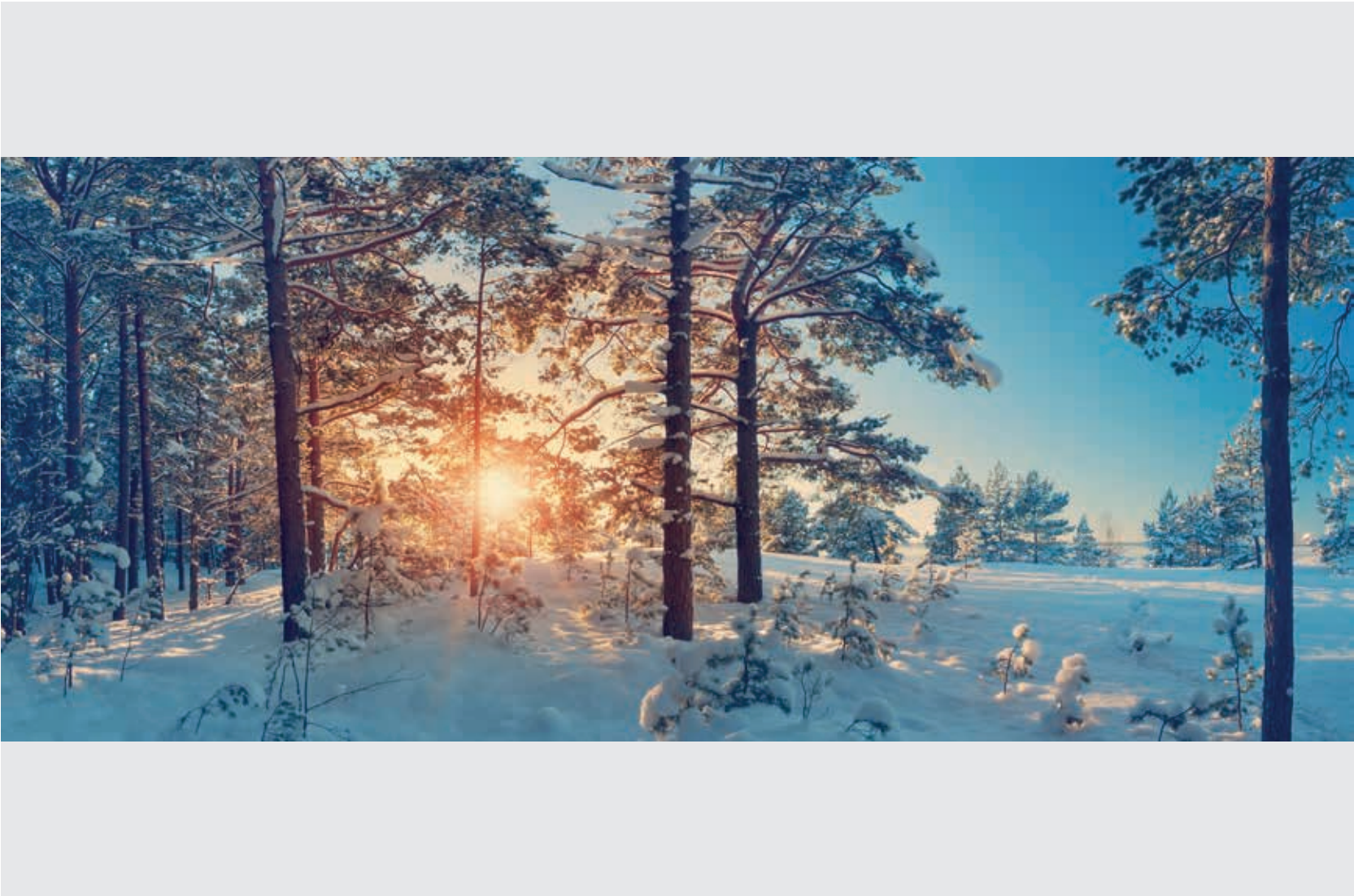


Seat in wooden optic (trunk)

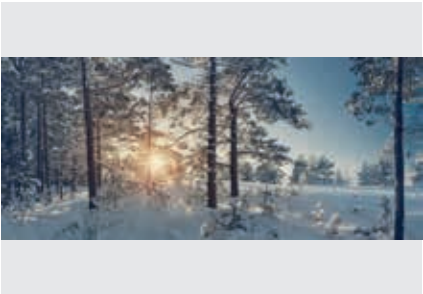
SNOWROOM

FOREST DESIGN

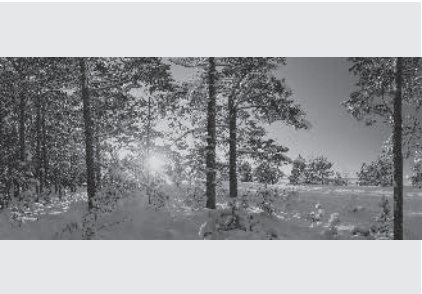
MOTIF 01



A original image

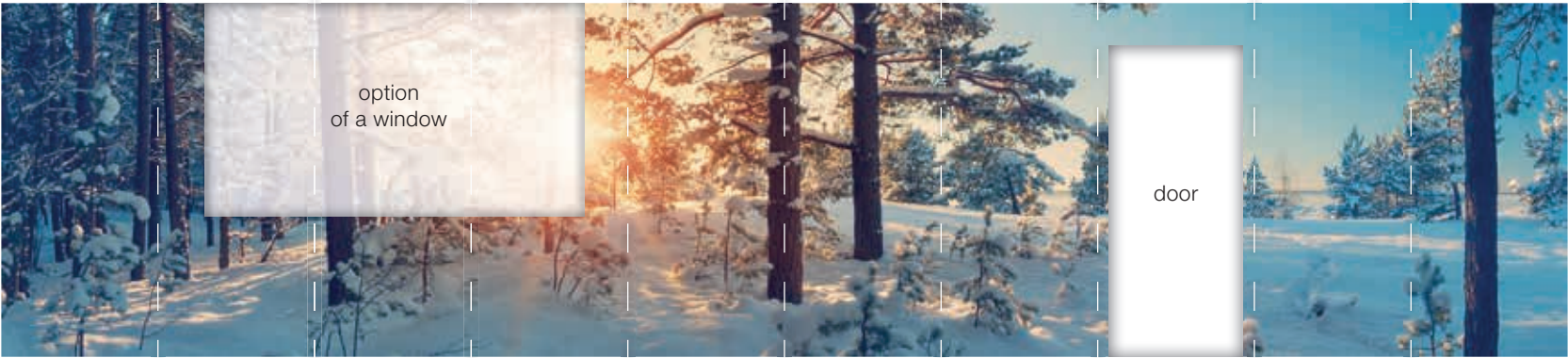


B reduced saturation

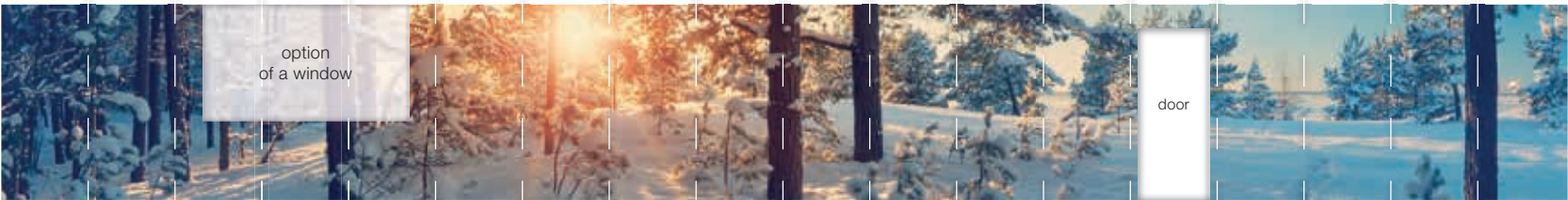


C image in grayscale

Extract **SnowRoom 6 m² (2x3 m)**



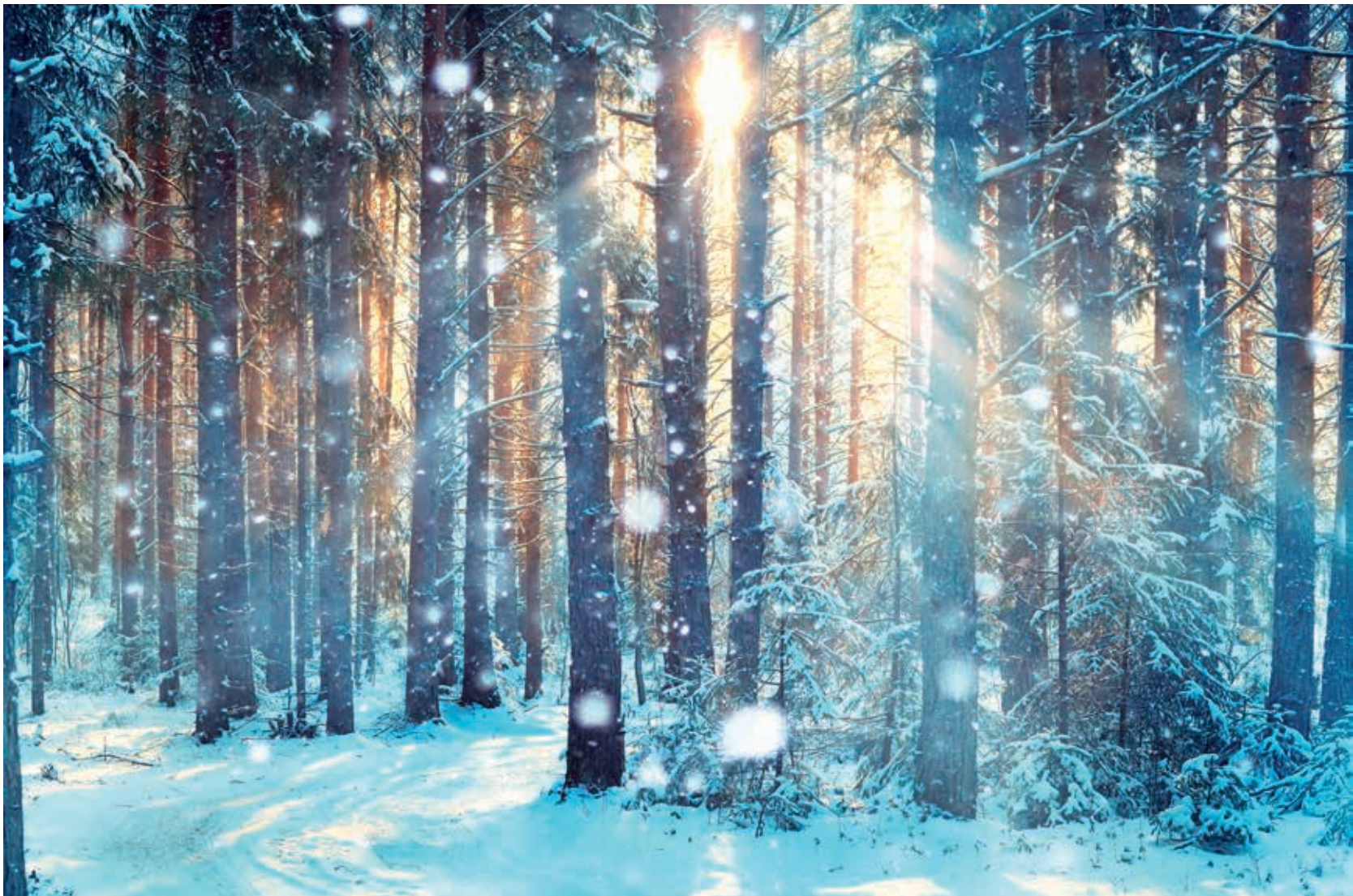
Extract **SnowRoom 20 m² (5x4 m)**



SNOWROOM

FOREST DESIGN

MOTIF 02



A original image

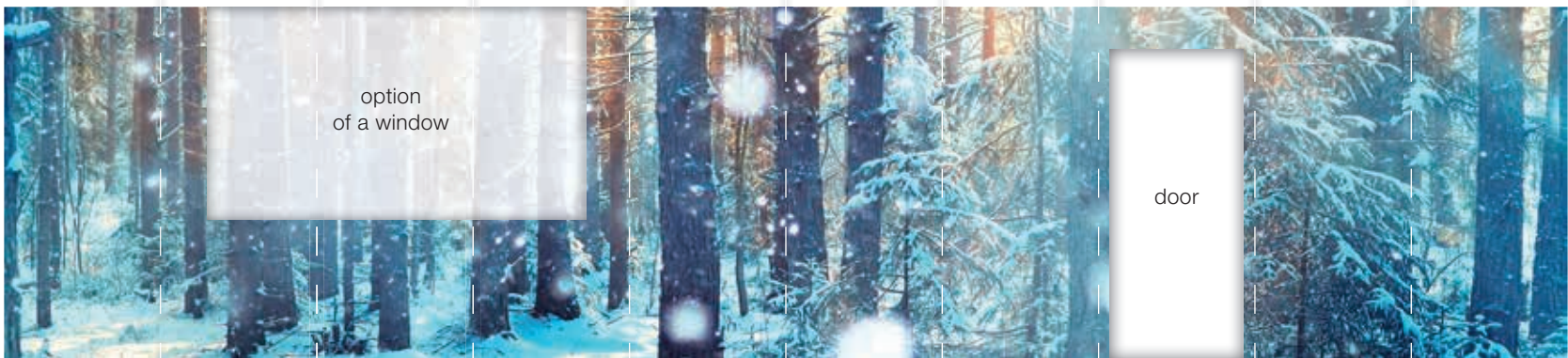


B reduced saturation

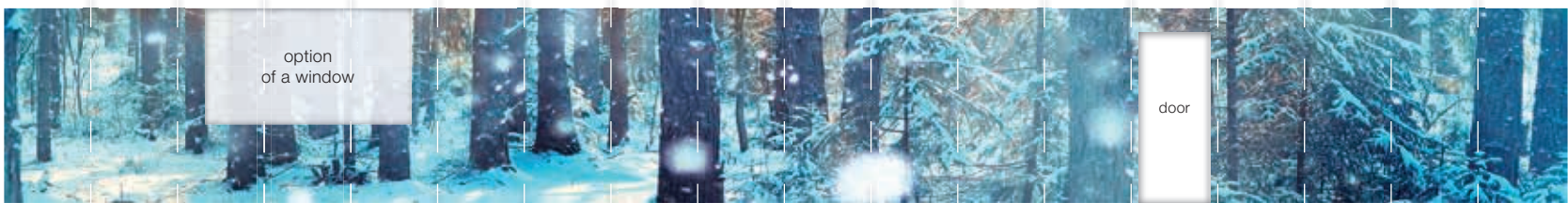


C image in grayscale

Extract **SnowRoom 6 m² (2x3 m)**



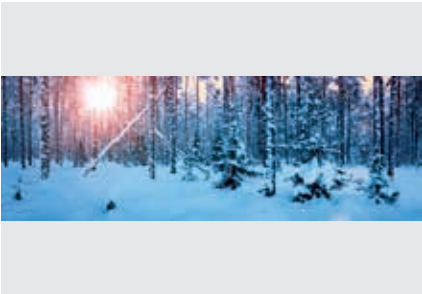
Extract **SnowRoom 20 m² (5x4 m)**



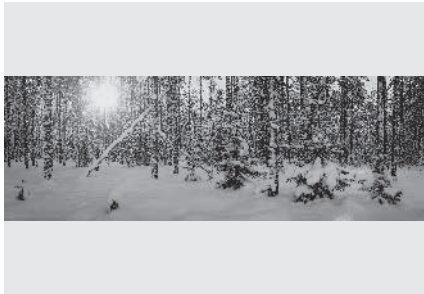
SNOWROOM

FOREST DESIGN

MOTIF 03



A original image



C image in grayscale

Extract **SnowRoom 6 m² (2x3 m)**



Extract **SnowRoom 20 m² (5x4 m)**



SNOWROOM

FOREST DESIGN

MOTIF 04



A original image

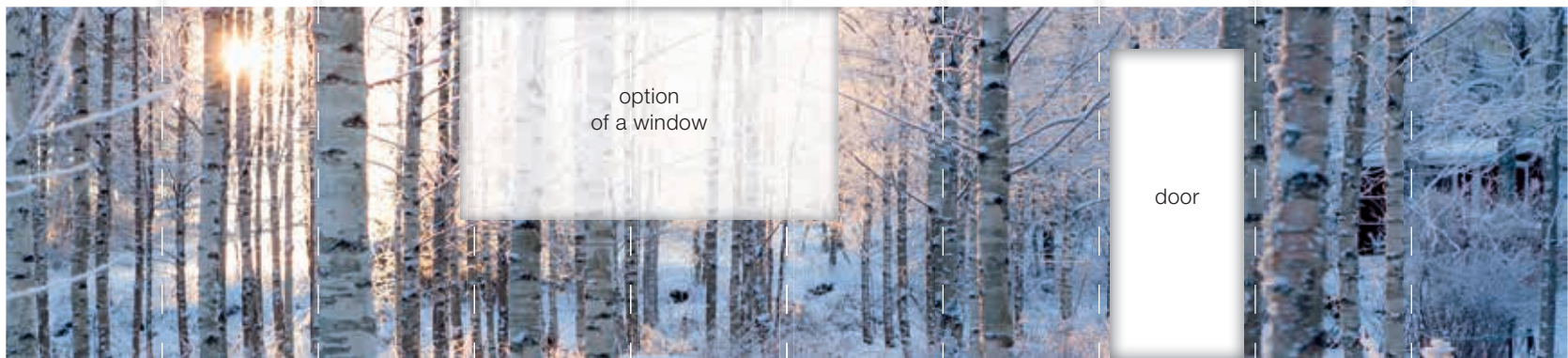


B reduced saturation

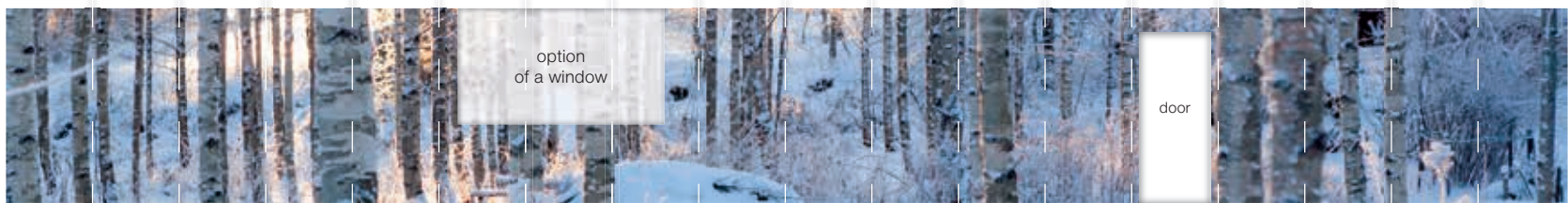


C image in grayscale

Extract **SnowRoom 6 m² (2x3 m)**



Extract **SnowRoom 20 m² (5x4 m)**



SNOWROOM

FOREST DESIGN

MOTIF 05



A original image



B reduced saturation



C image in grayscale

Extract **SnowRoom 6 m² (2x3 m)**



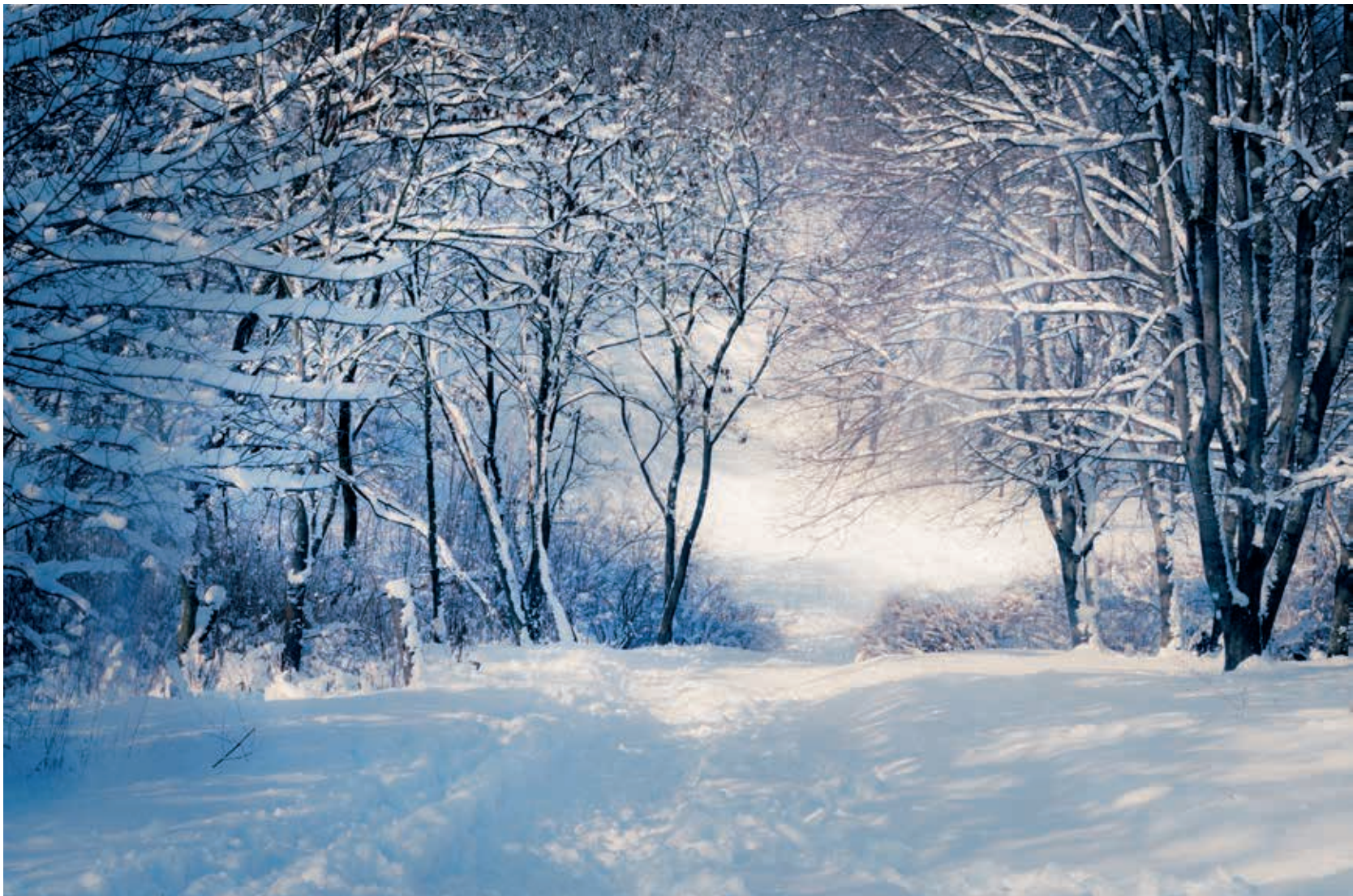
Extract **SnowRoom 20 m² (5x4 m)**



SNOWROOM

FOREST DESIGN

MOTIF 06



A original image



B reduced saturation

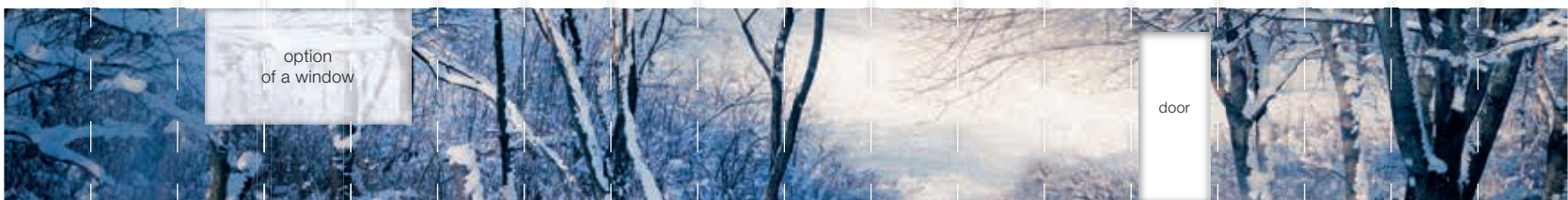


C image in grayscale

Extract **SnowRoom 6 m² (2x3 m)**



Extract **SnowRoom 20 m² (5x4 m)**



SNOWROOM

FOREST DESIGN

MOTIF **07**

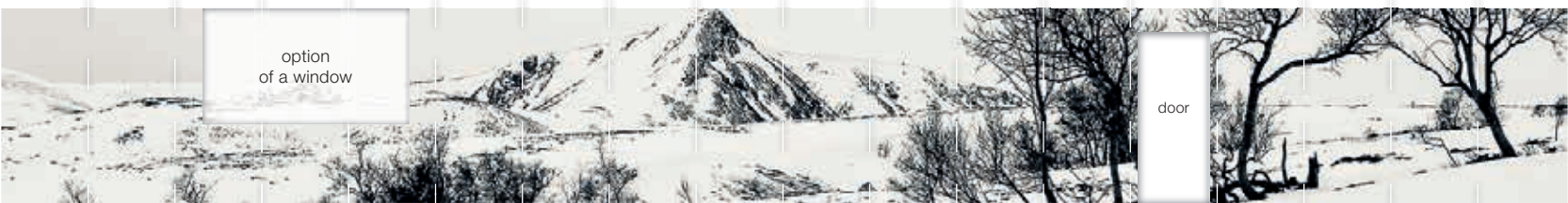


A original image

Extract **SnowRoom 6 m² (2x3 m)**



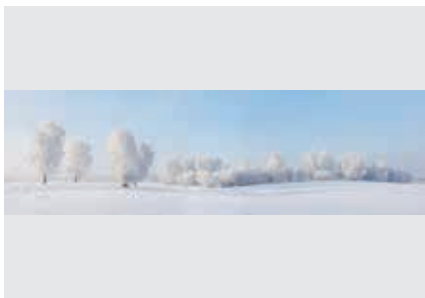
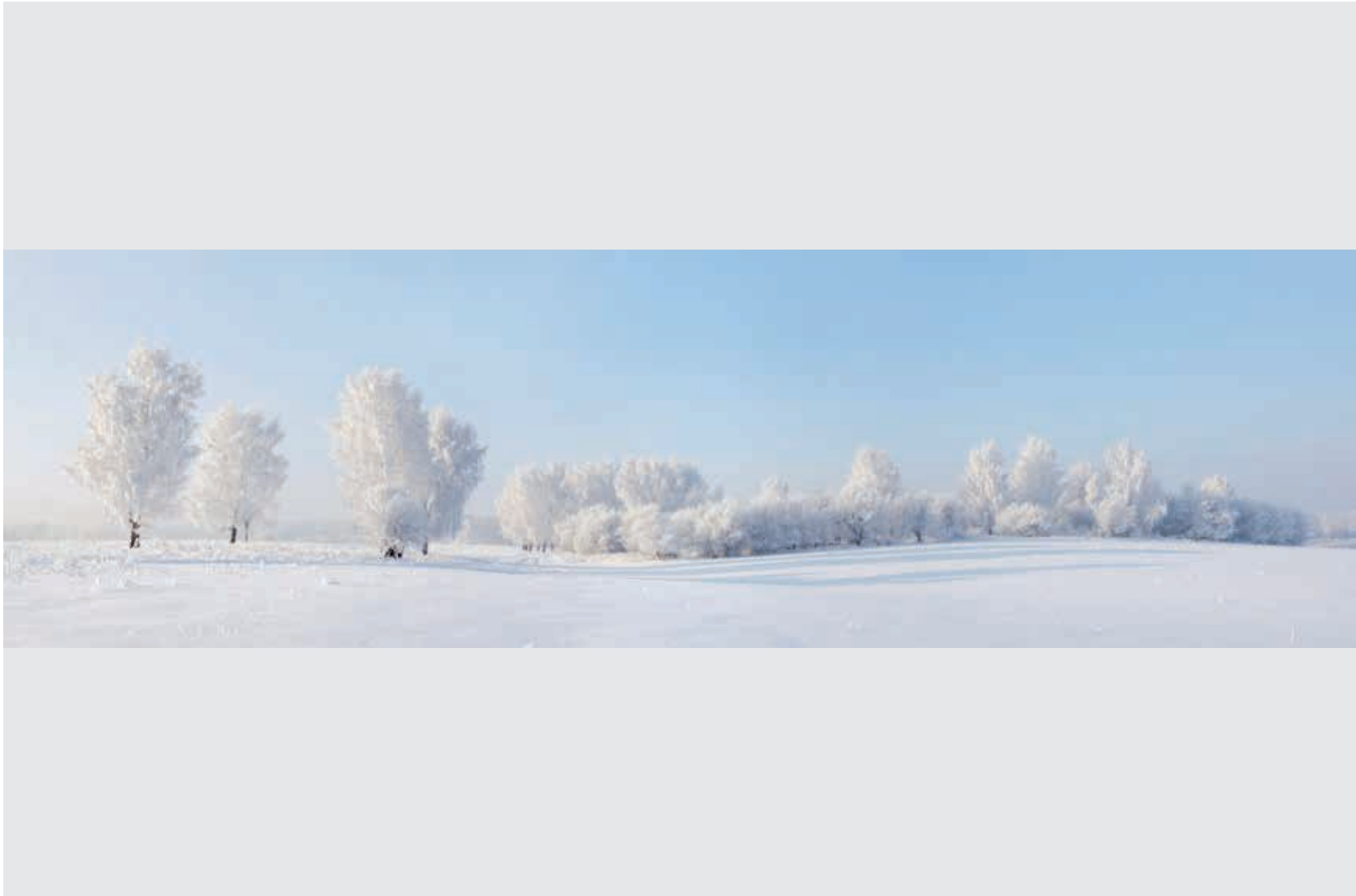
Extract **SnowRoom 20 m² (5x4 m)**



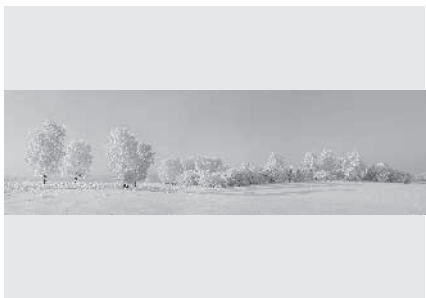
SNOWROOM

FOREST DESIGN

MOTIF 08



A original image



C image in grayscale

Extract **SnowRoom 6 m² (2x3 m)**



Extract **SnowRoom 20 m² (5x4 m)**



SNOWROOM

FOREST DESIGN

MOTIF 09



A original image



B reduced saturation



C image in grayscale

Extract **SnowRoom 6 m² (2x3 m)**



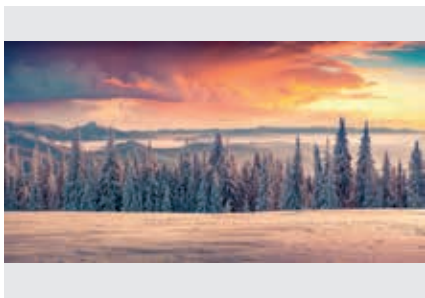
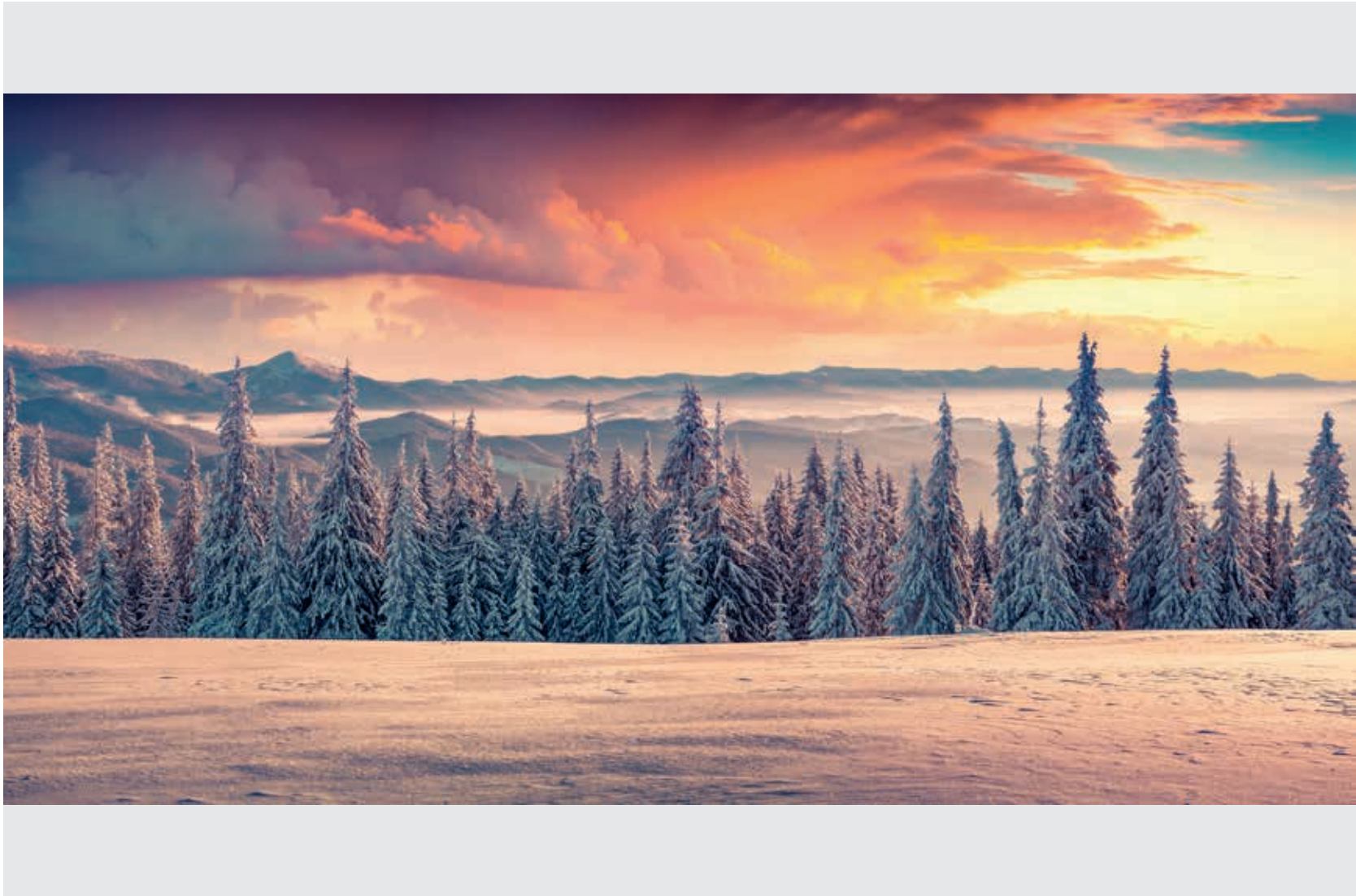
Extract **SnowRoom 20 m² (5x4 m)**



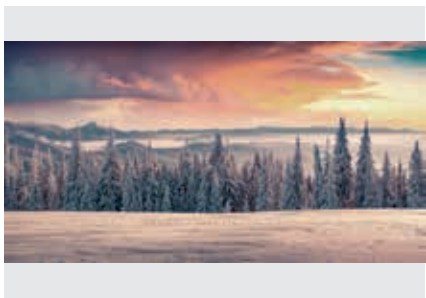
SNOWROOM

FOREST DESIGN

MOTIF 10



A original image

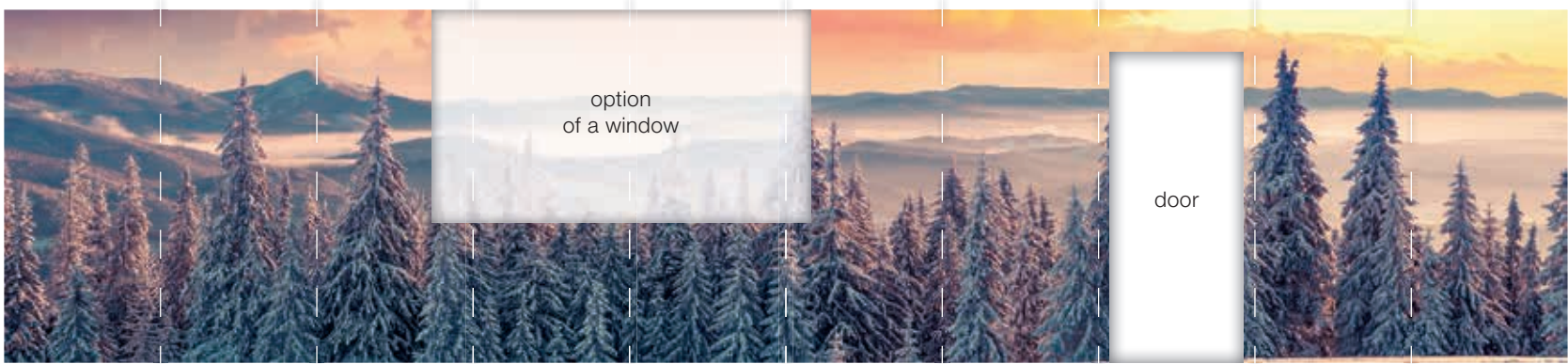


B reduced saturation

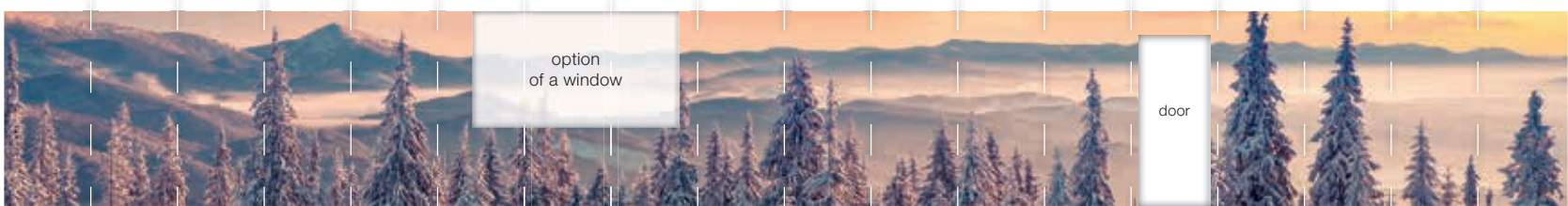


C image in grayscale

Extract **SnowRoom 6 m² (2x3 m)**



Extract **SnowRoom 20 m² (5x4 m)**



SNOWROOM

FOREST DESIGN

MOTIF 11



A original image

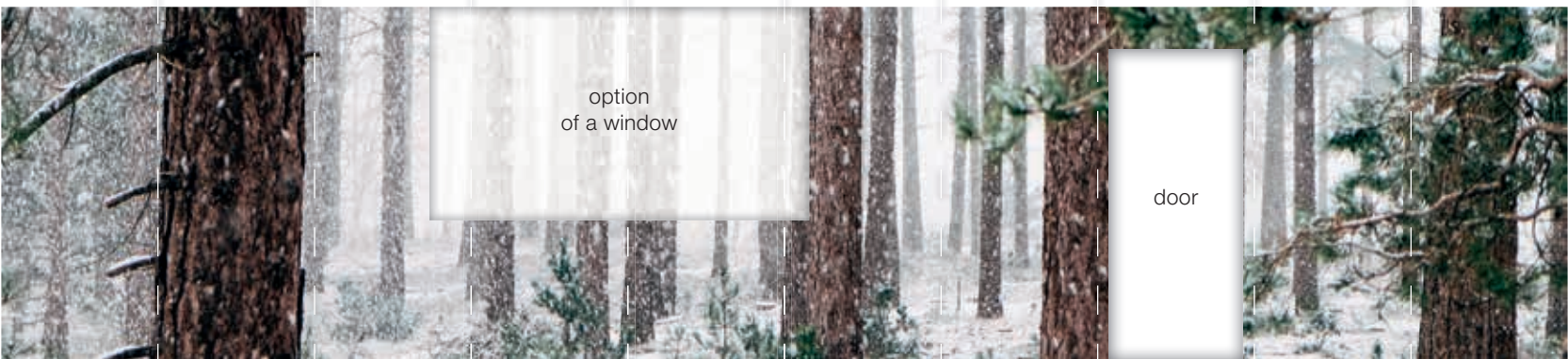


B reduced saturation

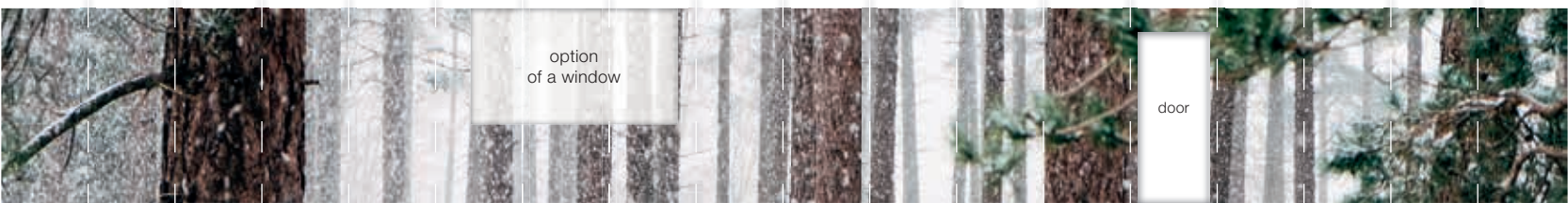


C image in grayscale

Extract **SnowRoom 6 m² (2x3 m)**



Extract **SnowRoom 20 m² (5x4 m)**



SNOWROOM

FOREST DESIGN

SIMULATIONS



SNOWROOM
FOREST DESIGN

SIMULATIONS



SNOWROOM
FOREST DESIGN

SIMULATIONS



A close-up photograph of a snow-covered tree branch, likely a birch, with a dark rectangular overlay in the center. The overlay contains the text "SNOWROOM" in a large, bold, white sans-serif font, and "SNOW CAVE" in a smaller, white sans-serif font below it. The background is a soft-focus view of a snowy forest with more branches and a hint of a blue sky.

SNOWROOM
SNOW CAVE

SNOWROOM

CAVE DESIGN INTERIOR OPTIONS



SnowRoom Hotel Weinegg*****, Cornaiano, Italy

**Inspirational wellness
experiences & equipment**

**YOUR AUTHORISED
DEALER AND INSTALLER
FOR THE UK**

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