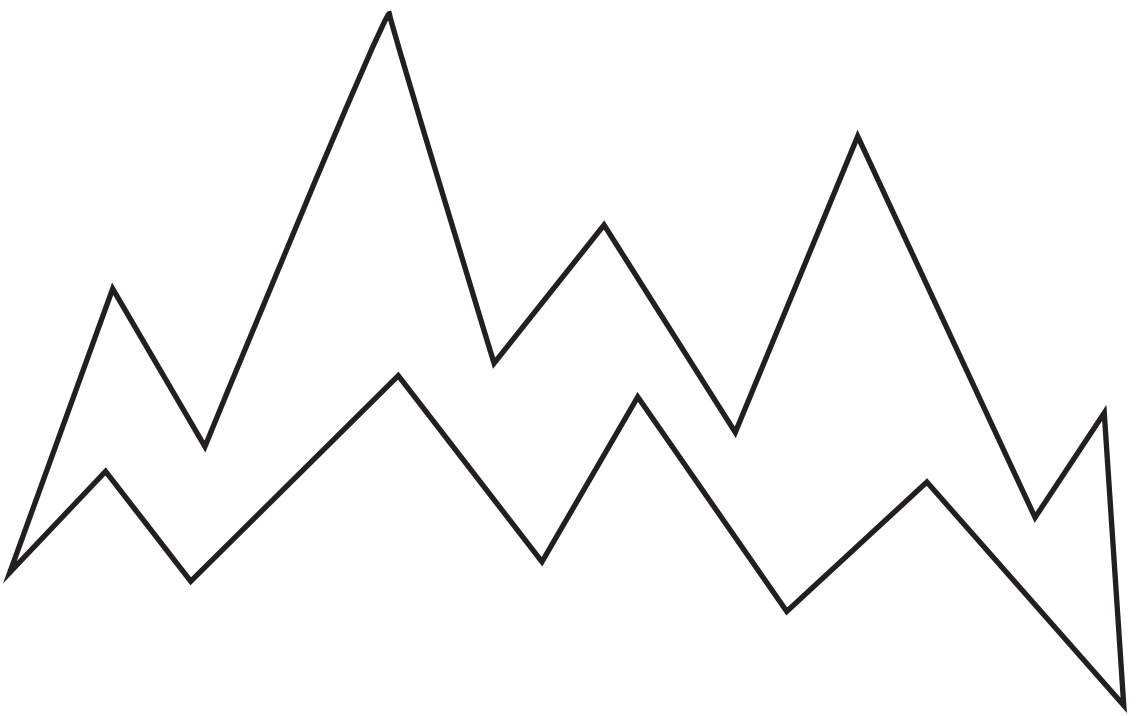
neverdark

Neverdark CHALET-II (EX) EFT

Smart fireplace



TECHNICAL DOCUMENTATION

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ATTENTION! This document, along with the User Manual, is part of the device and is being delivered along with the fireplace (hereinafter collectively referred to as «Instructions»).
If one or both of these documents weren't delivered with your fireplace, please contact the manufacturer prior to the installation and / or use of the fireplace.

- Make sure to read this Technical Documentation (hereinafter «Documentation») before using the fireplace!
- Keep this Documentation in a safe place for the lifetime of the fireplace!
- This appliance by design, method of operation, consumer properties and technical safety fully complies with the requirements of the European Standard EN 16647:2015

ATTENTION! Please follow local laws when using the appliance.

SYMBOLS

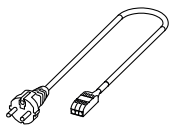
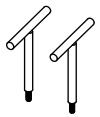
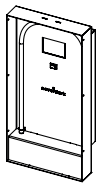
FIRE AND BURN HAZARD SIGN

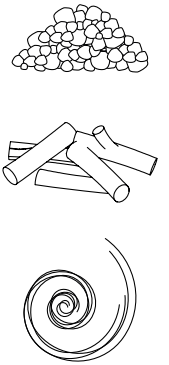
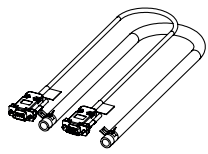
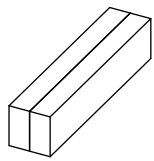
A WARNING SIGN indicates a potential for property damage, personal injury, or death

AN ATTENTION SIGN indicates important information

CONFIGURATION

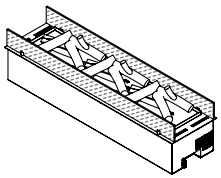
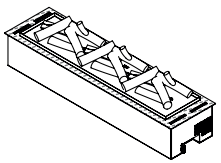
Standard configuration

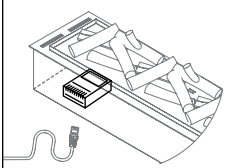
	Smart fireplace (Standard top panel Black matte)
	1 pc
	Power cable: Euro Plug — WAGO (fireplace length + 0.1m)
	1 set
	Mounting handles
	2 pc
	ARS
	1 pc
	Mini ARS (optional)
	1 pc
	Fuel hose (optional)
	1 pc

	Decorative elements: decorative stones, ceramic firewood, fiber for glow effect
	1 set
	Documentation
	1 set
	Communications for connecting ARS (length 2,5m)
	1 set
	Packaging
	1 pc

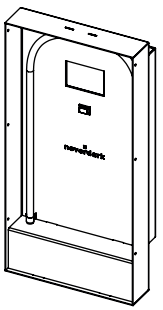
Optional Extra

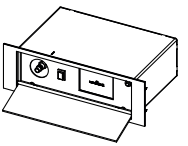
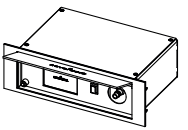
You can add any option listed below:

	**G**lass **B**order (one or two) code **GB** (1, 2)
	**C**ustom **T**op (**R**AL **M**atte) code **CT** (**RM**)

	Remote **C**ontrol code **RC**
	**S**mart **H**ome connection module code **SH**

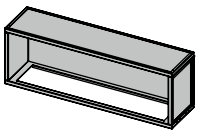
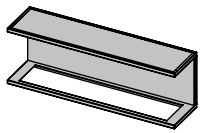
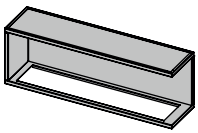
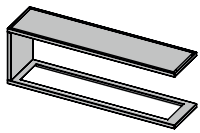
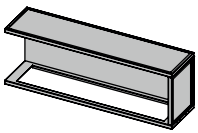
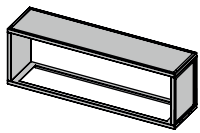
ARS (the external control and refuelling module) is available in three configurations.

	**S**tandard **ARS** (by Default) code **S-ARS**

	**M**ini **ARS (down)** code **M-ARS(down)**
	**M**ini **ARS (up)** code **M-ARS(up)**

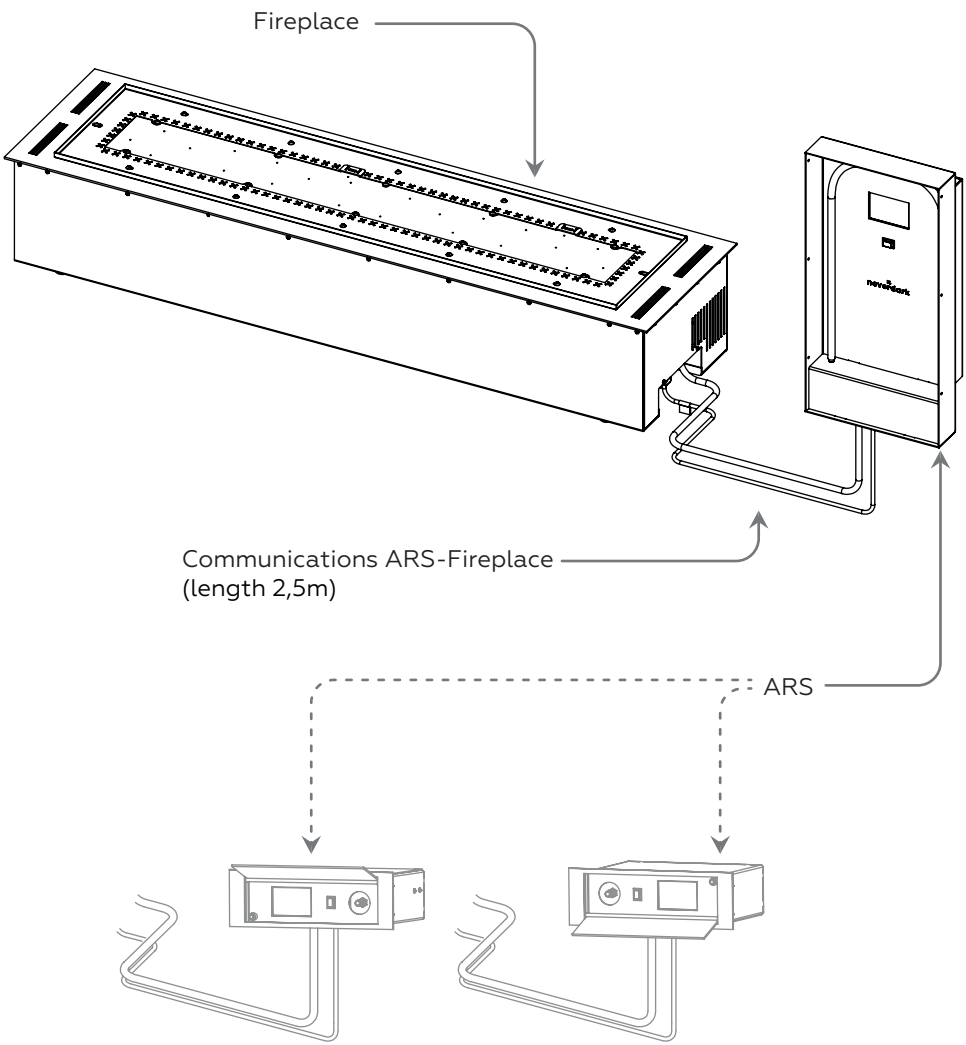
THERMOBOXES

You can also choose the Neverdark Thermobox for your fireplace. The Thermobox can withstand temperatures up to 200°C, allowing you to choose any material for lining the niche.

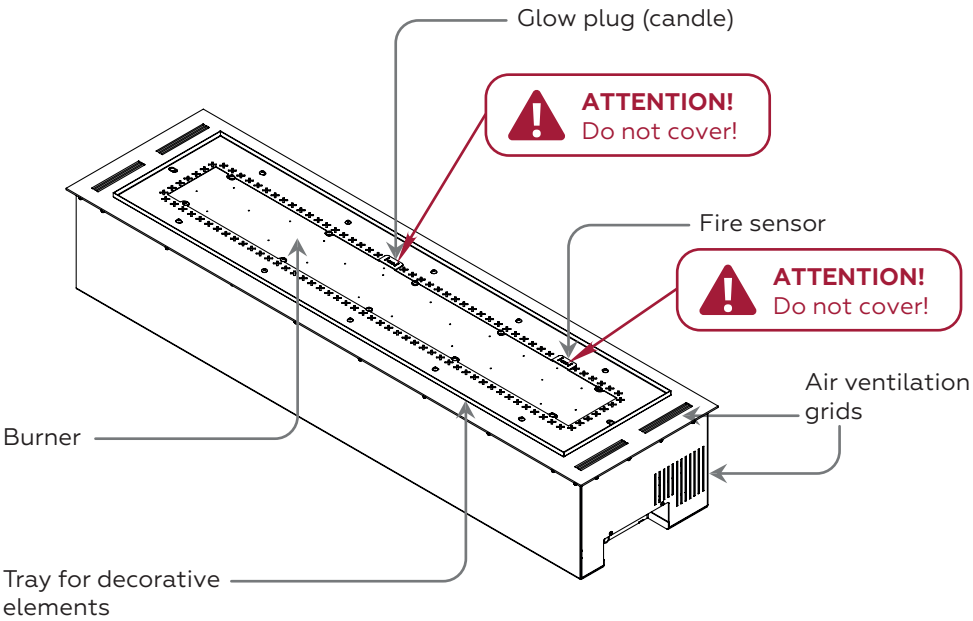
	**S**ingle-**S**ided code **TSS**		**T**hree-**S**ided code **TTS**
	**R**ight **Co**rner code **TRC**		**R**oom **D**ivider code **TRD**
	**L**eft **C**orner code **TLC**		**S**ee-**T**hrough code **TST**

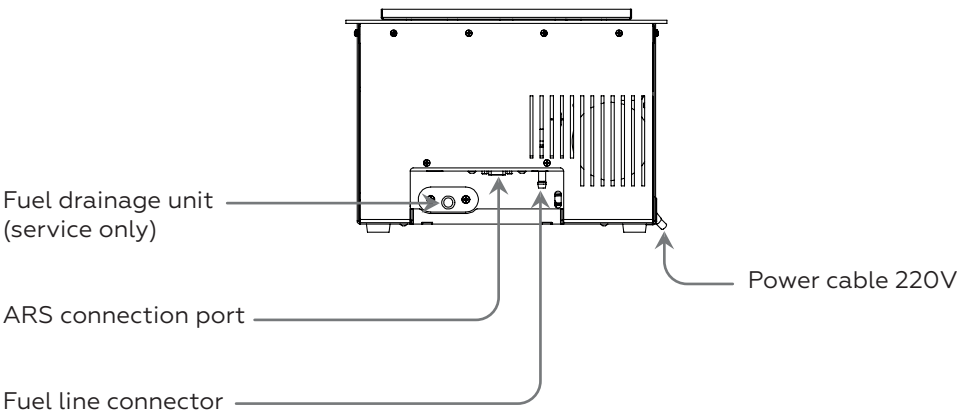
INTERFACES

General



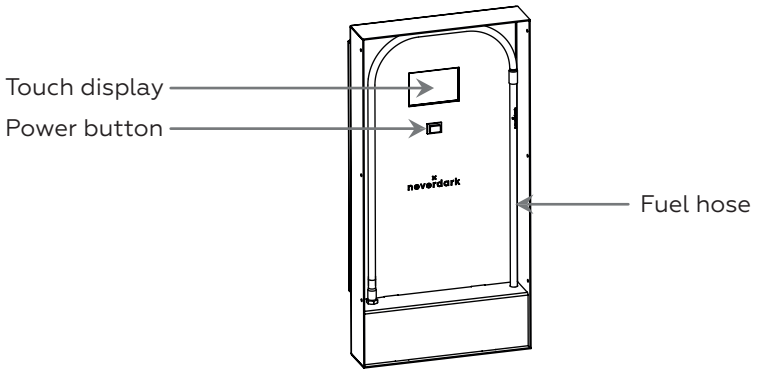
Fireplace

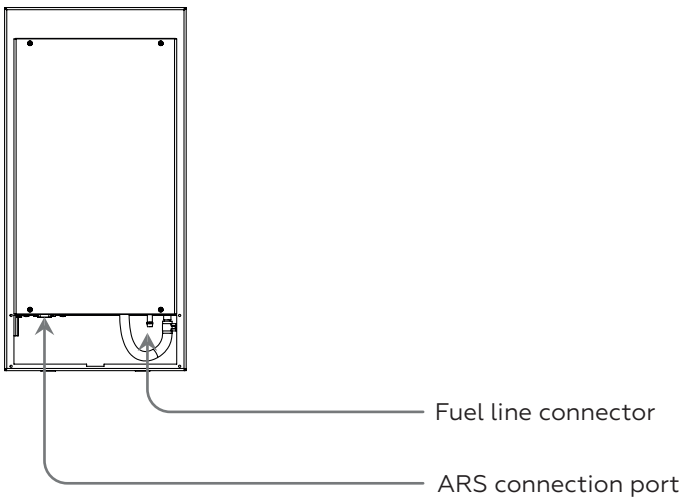

Glow plug (candle)
ATTENTION!
Do not cover!
Fire sensor
ATTENTION!
Do not cover!
Air ventilation grids
Burner
Tray for decorative elements


Fuel drainage unit (service only)
ARS connection port
Fuel line connector
Power cable 220V

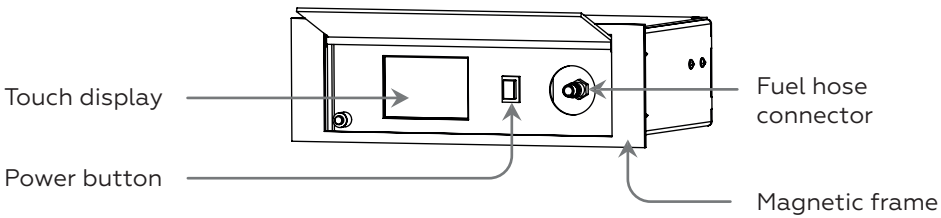
ARS

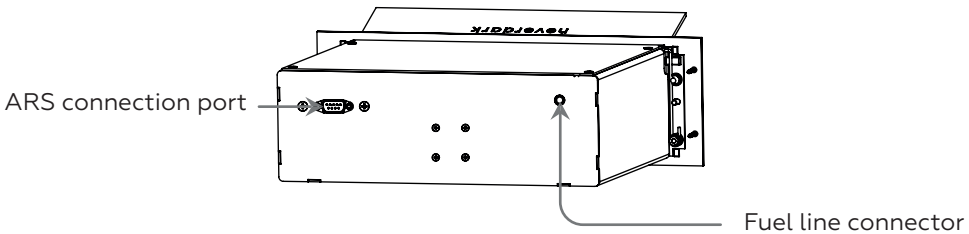
Standard ARS



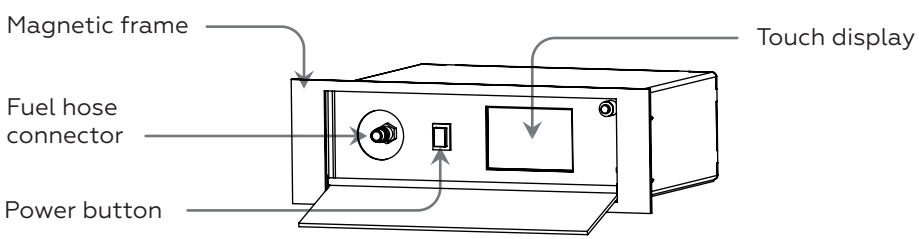


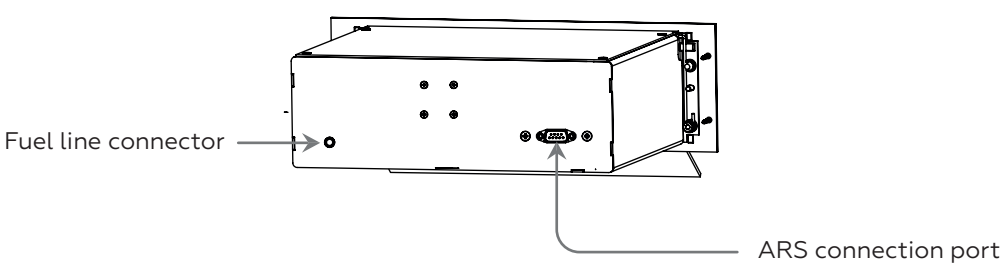
Mini ARS (up)





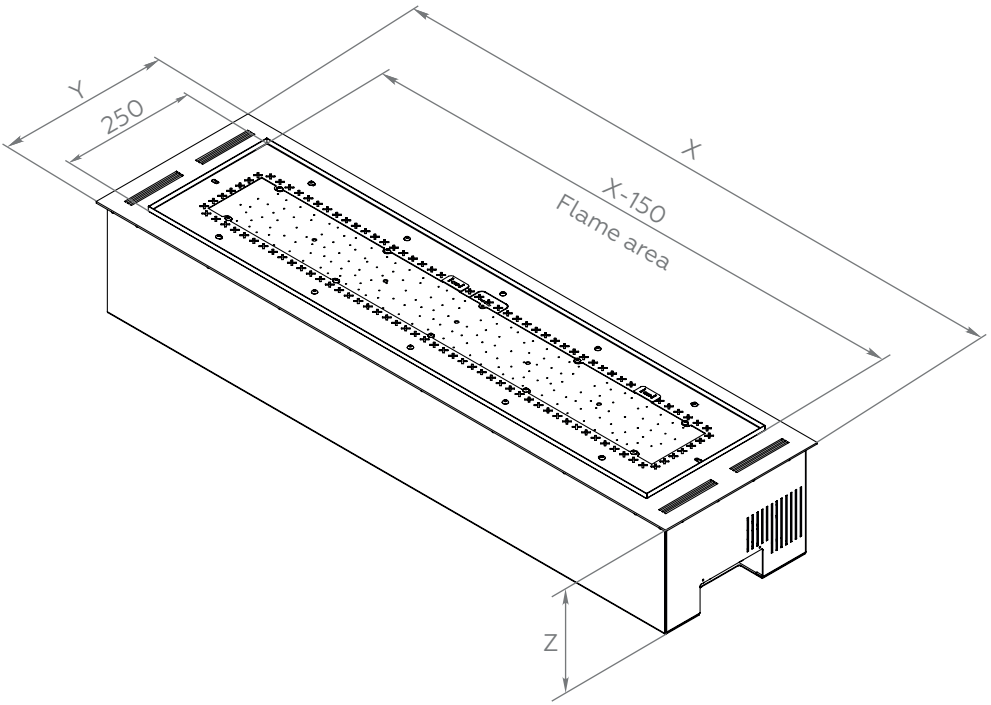
Mini ARS (down)





DIMENSIONS

Fireplace

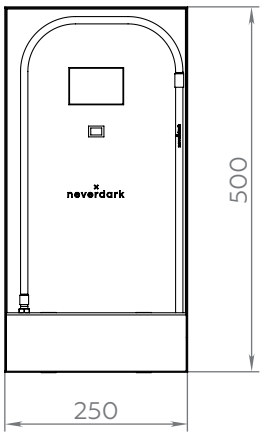


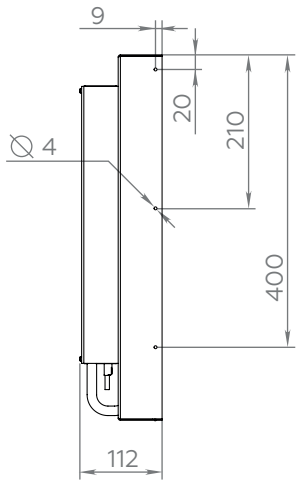
Standard range

		X	Y	Z	
Model	**Code**	**Length, mm**	**Depth, mm**	**Height, mm**	**Weight, kg**
Chalet-II 700 (ex)	C2-700-ex.EFT	700	320	255	30
Chalet-II 950 (ex)	C2-950-ex.EFT	950			40
Chalet-II 1200 (ex)	C2-1200-ex.EFT	1200			49

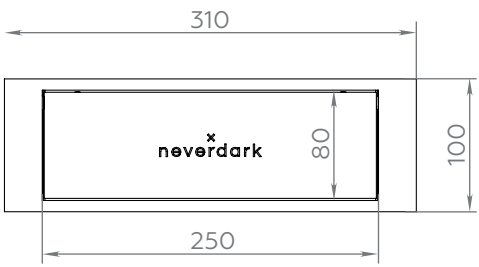
ARS

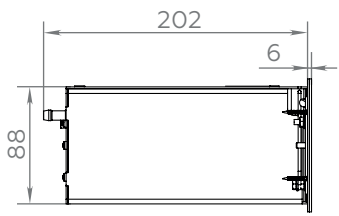
Standard ARS

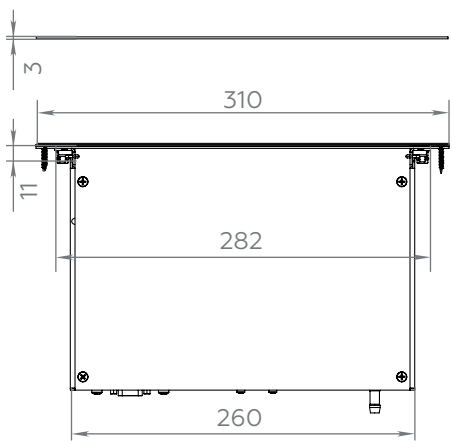




Mini ARS (Up/Down)

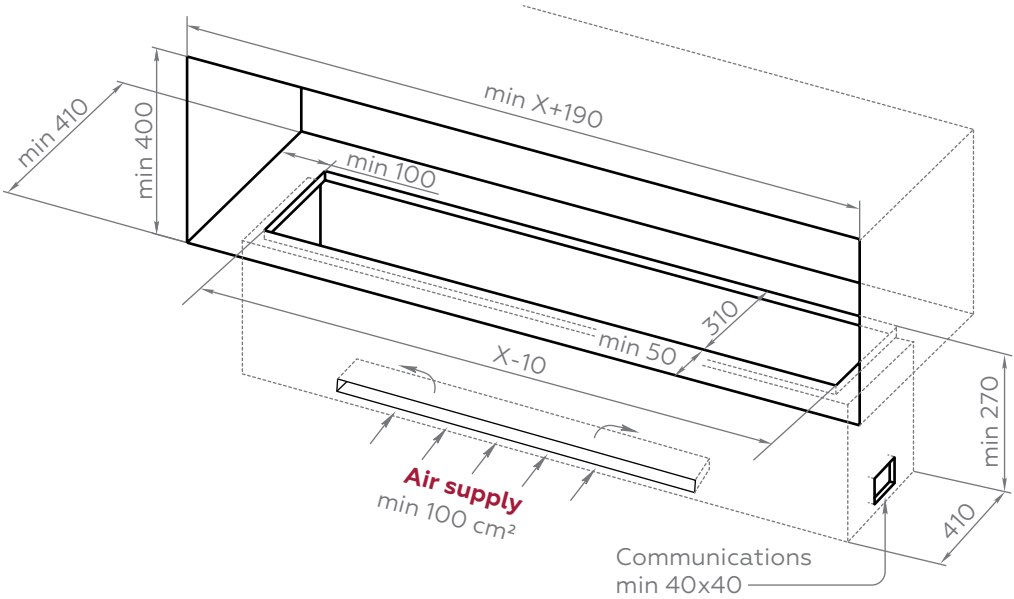


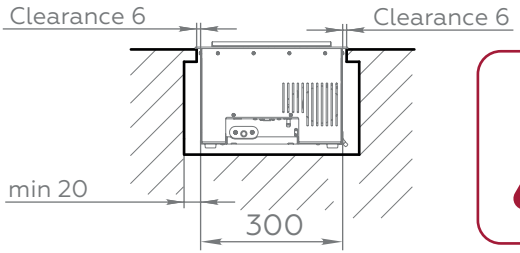




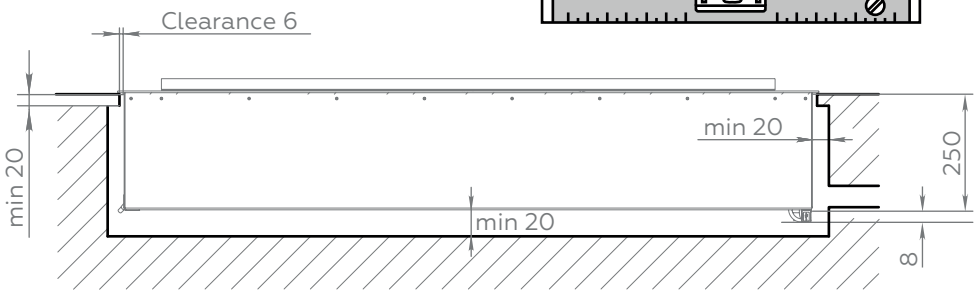
NICHE PREPARATION

Niche for the fireplace

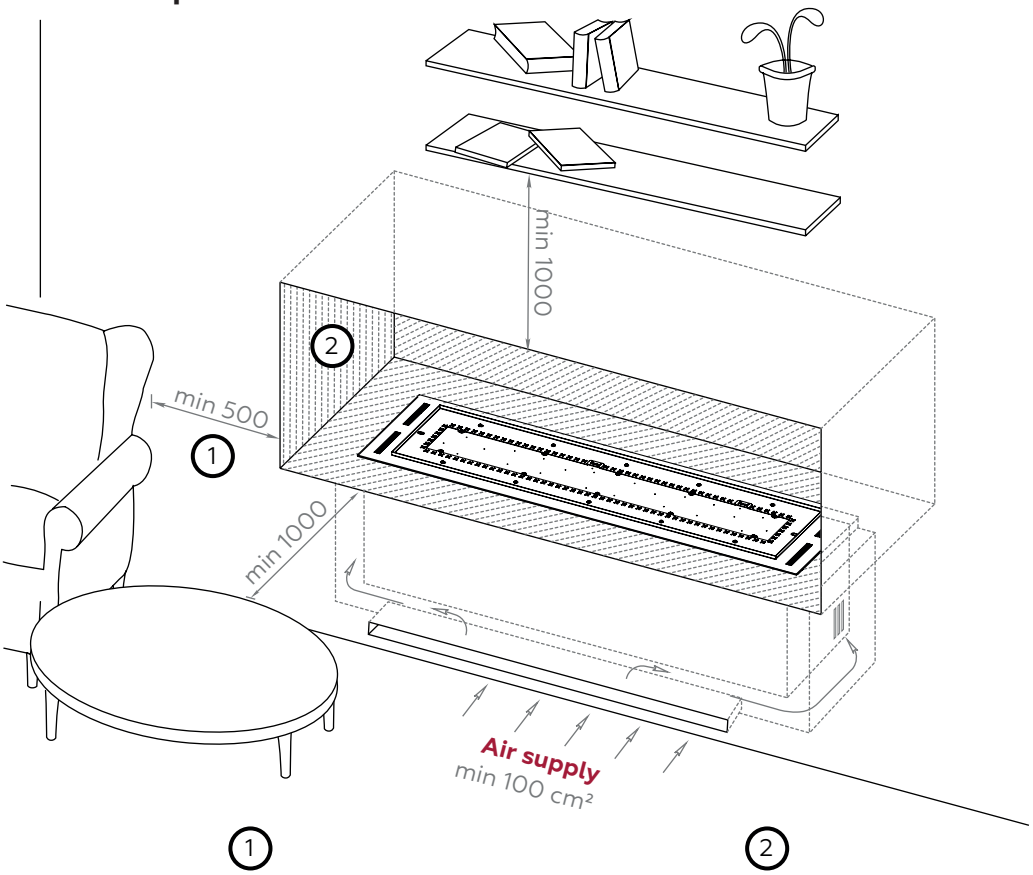




WARNING! For correct operation of the smart fireplace, it must be installed 100% horizontally according to the level!



Niche requirements



1 2

WARNING!
Min 1000 mm to flammable objects from any exposed side of the niche.

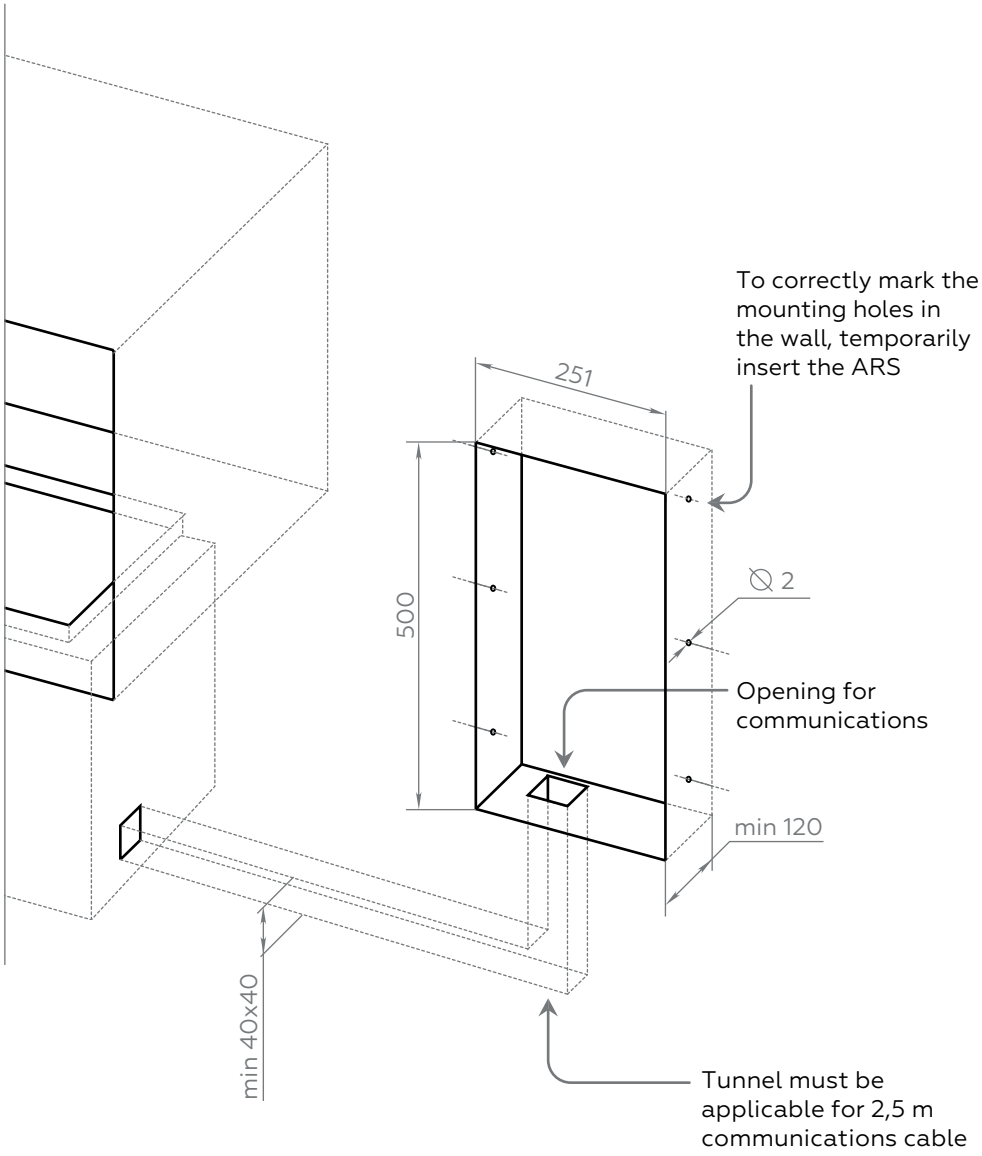
Min 500 mm to flammable objects from any closed side of the niche.

WARNING!
Heat-resistant material which withstands 150°C at least.

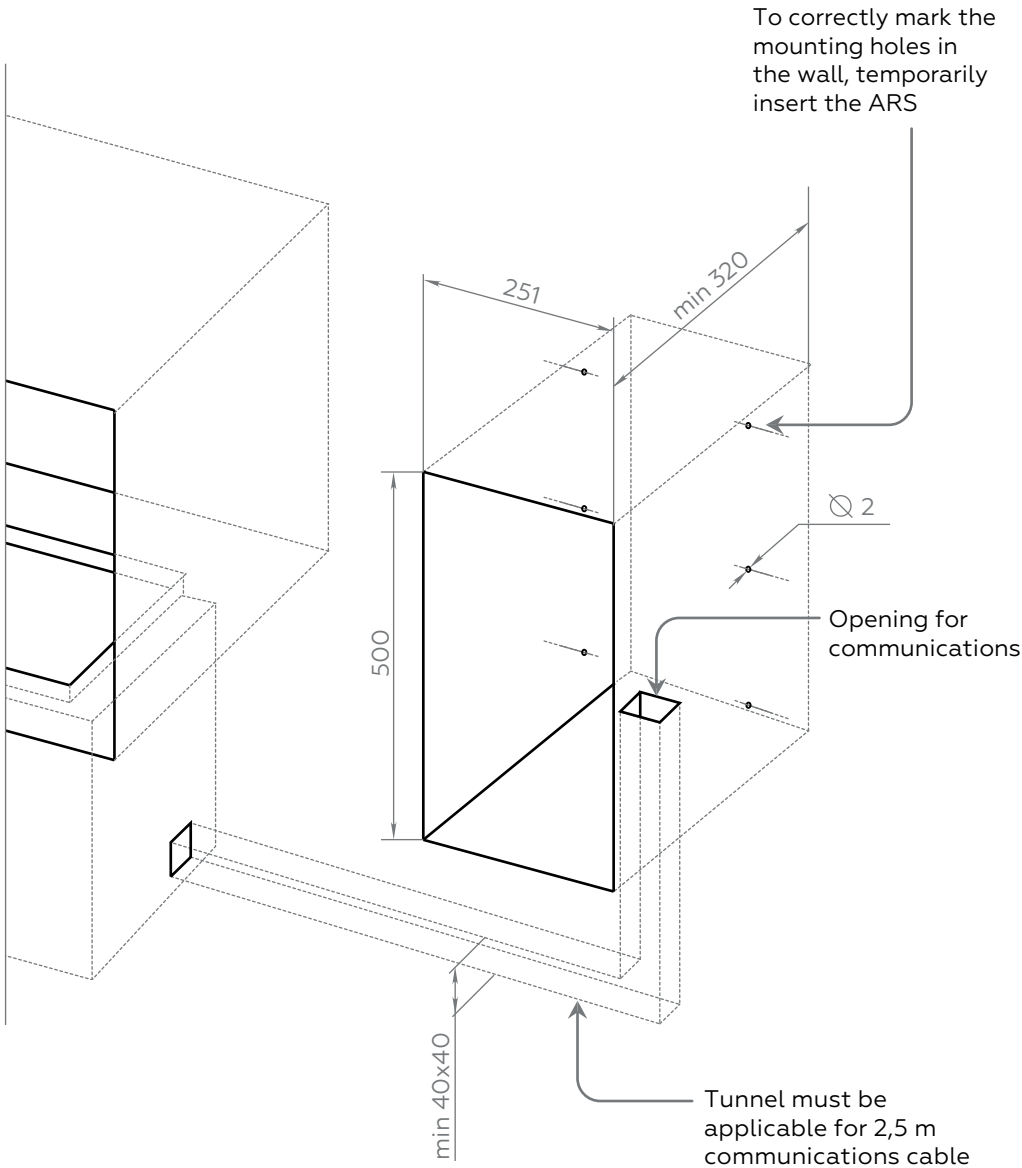
Alternatively, a non heat-resistant material + Neverdark Thermobox

WARNING! For safe and correct operation of the fireplace it is mandatory to provide an air supply opening (100 cm² at least) in the lower part of the niche.

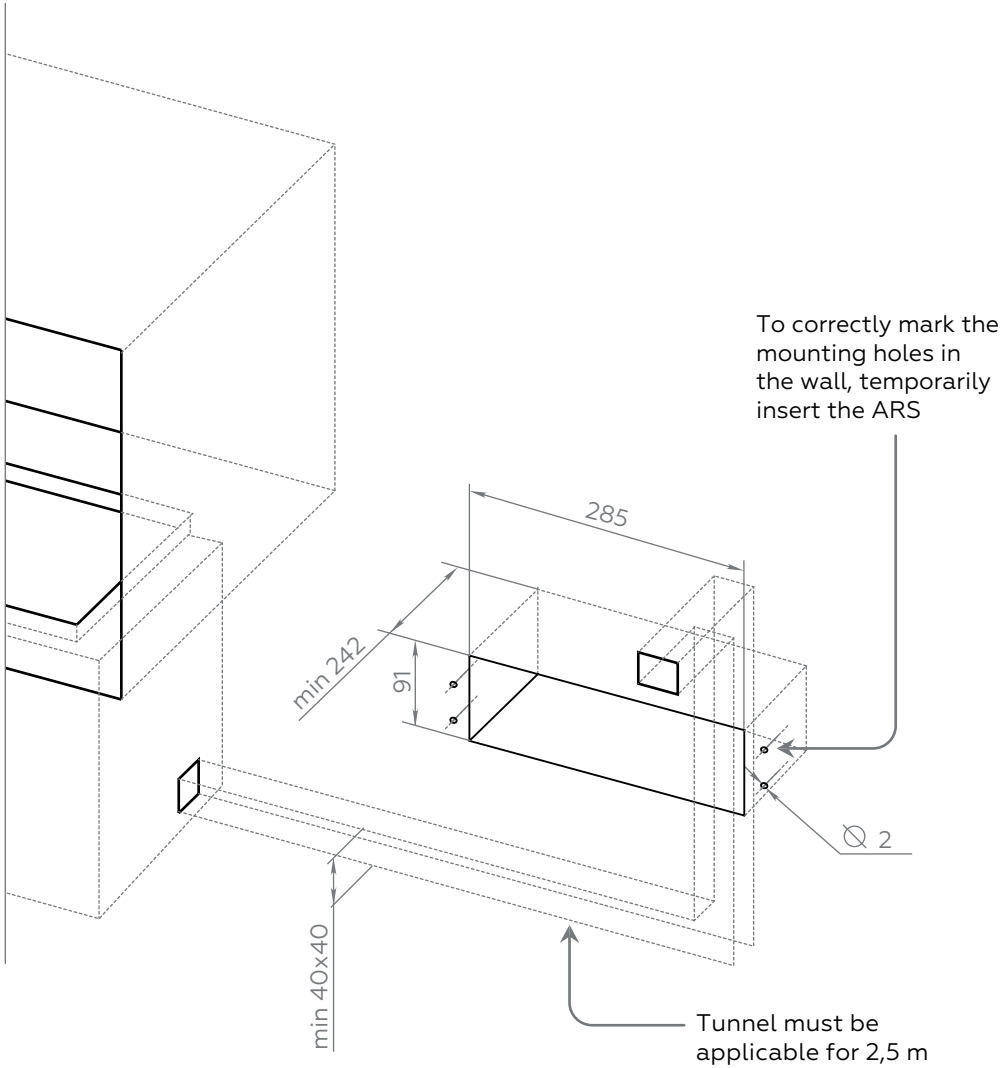
Niche for Standard ARS



Niche for Standard ARS (with fuel canister)

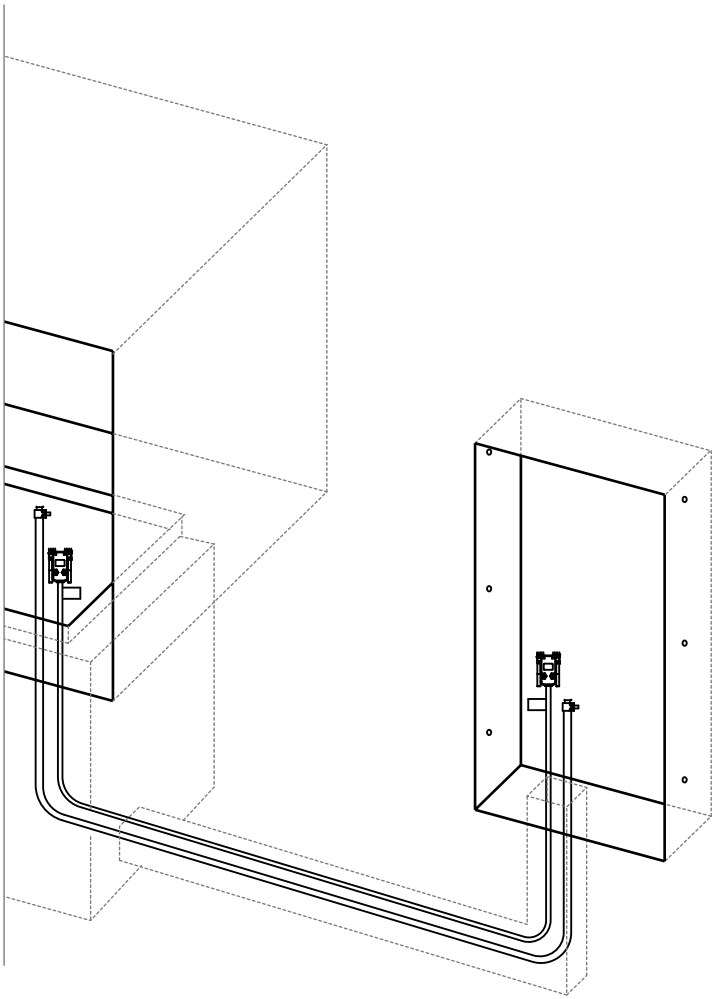


Niche for Mini ARS (Up and Down)

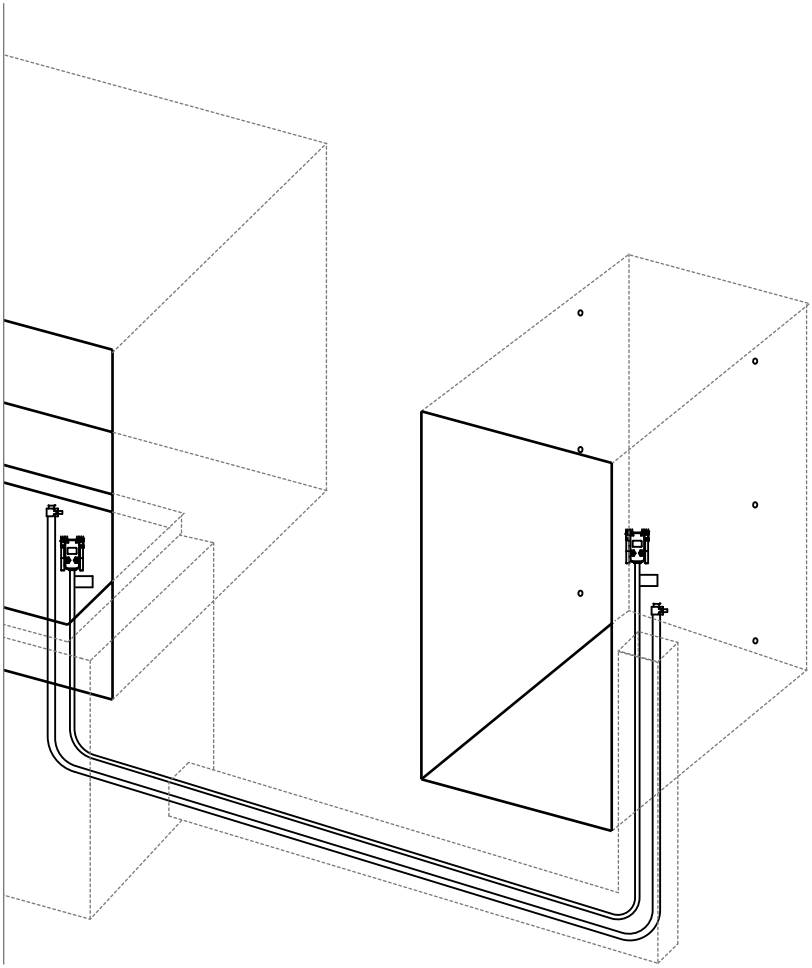


INSTALLATION

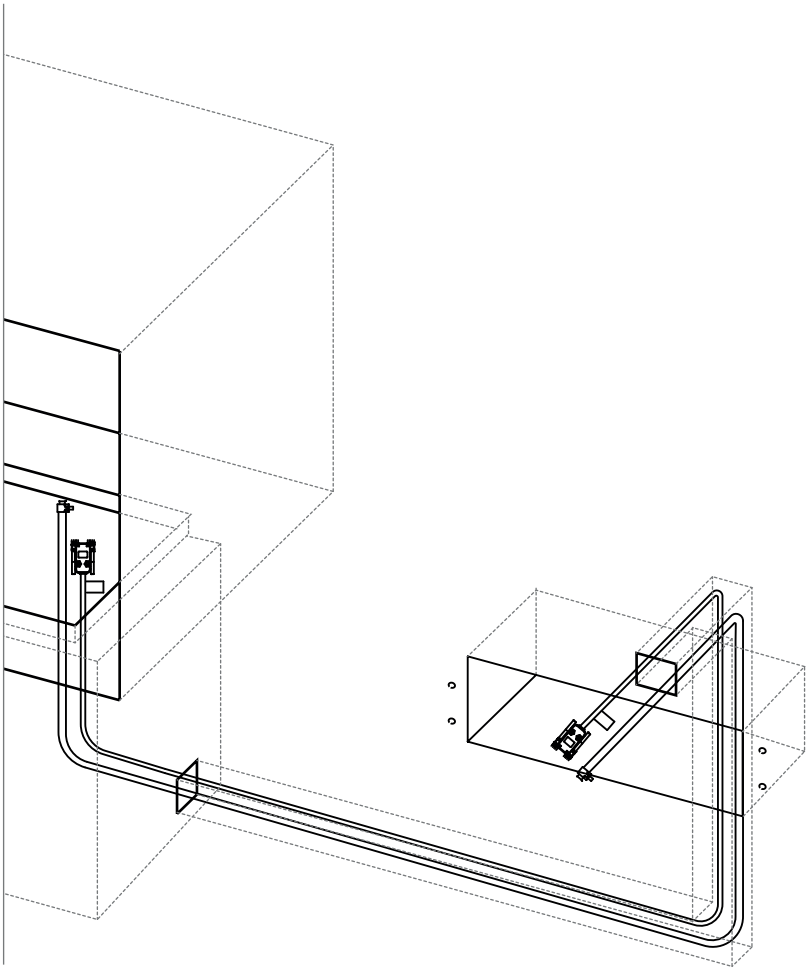
Laying of communications for Standard ARS



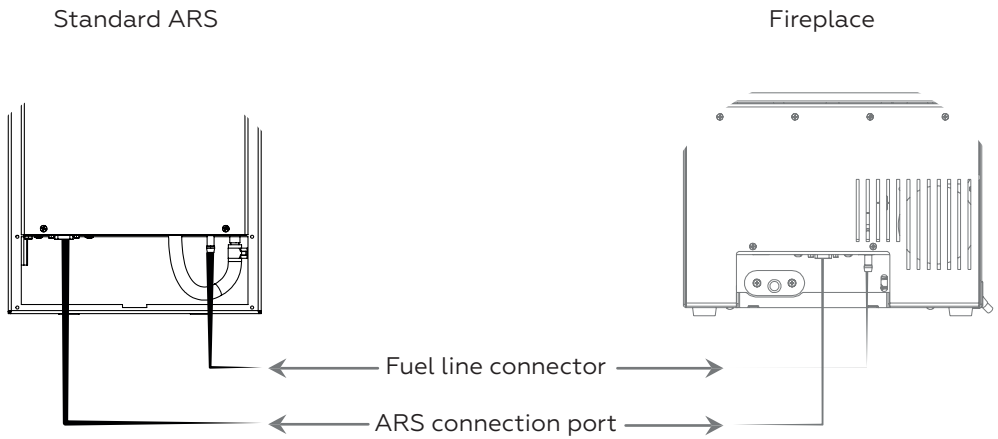
Laying of communications for Standard ARS (with fuel canister)

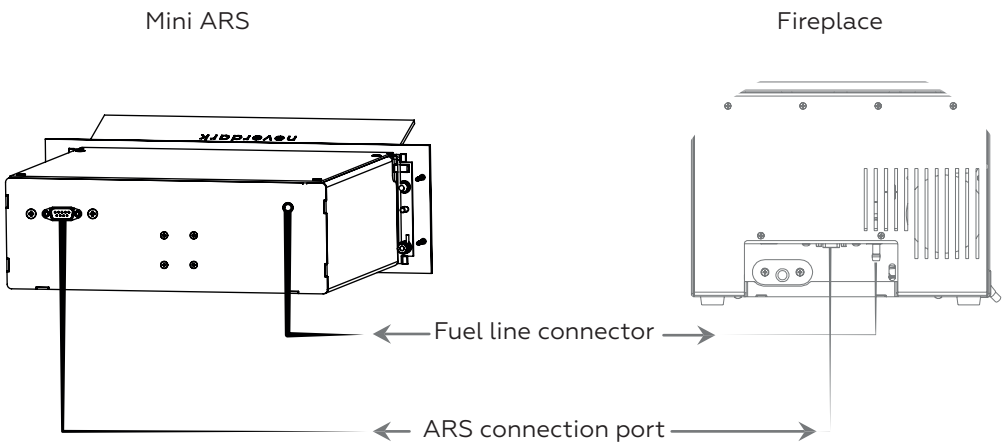


Laying of communications for Mini ARS (Up and Down)

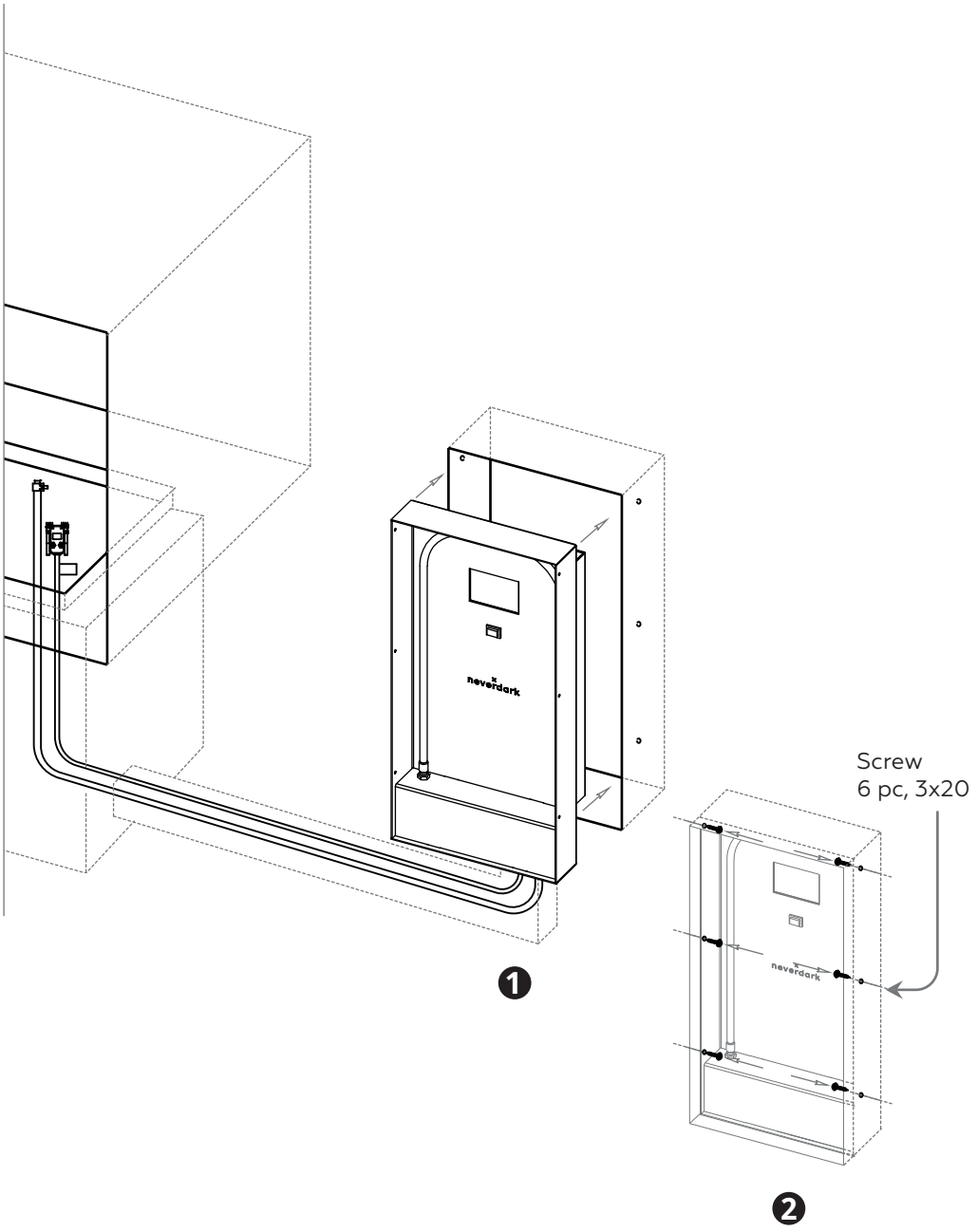


Connecting communications to ARS

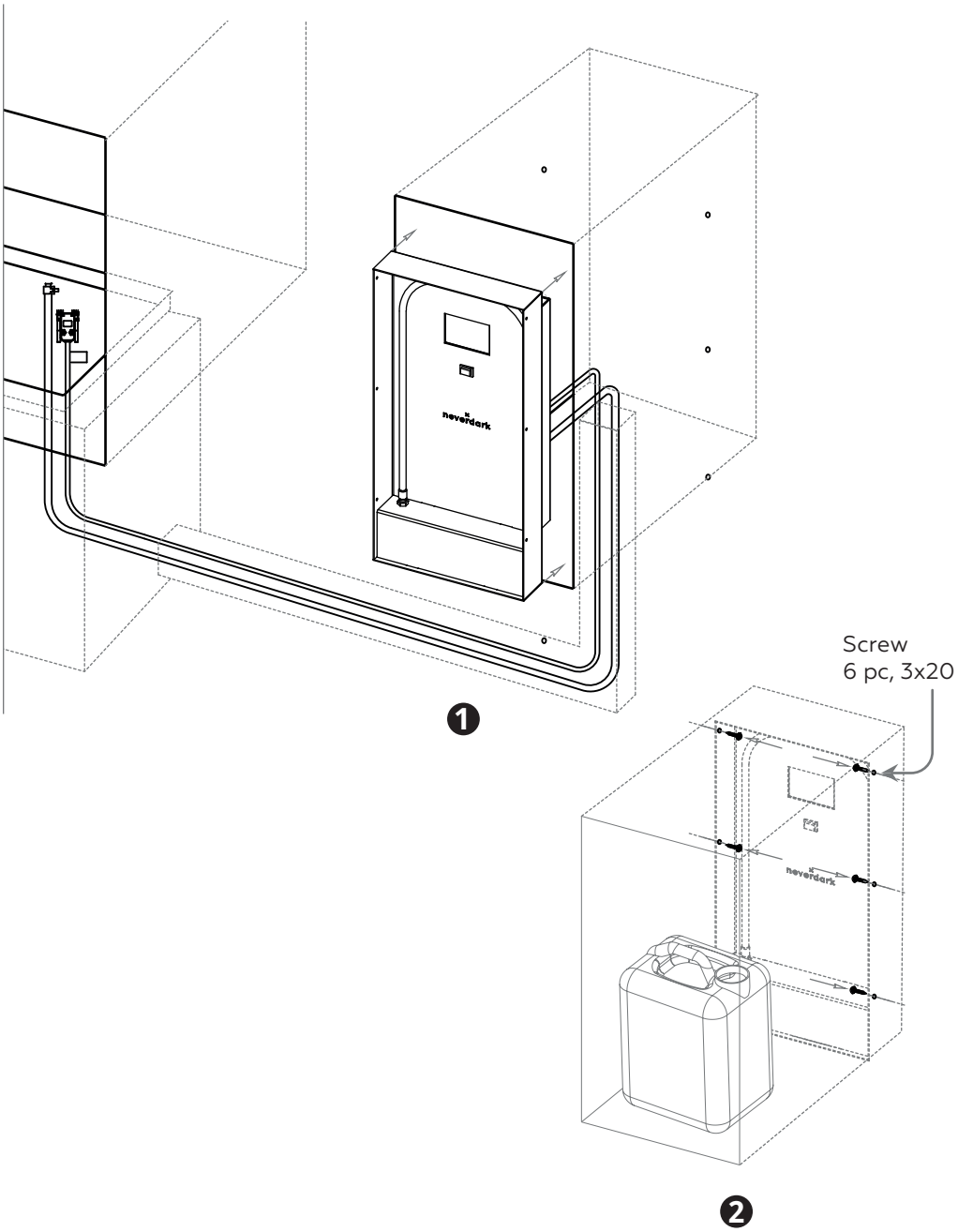




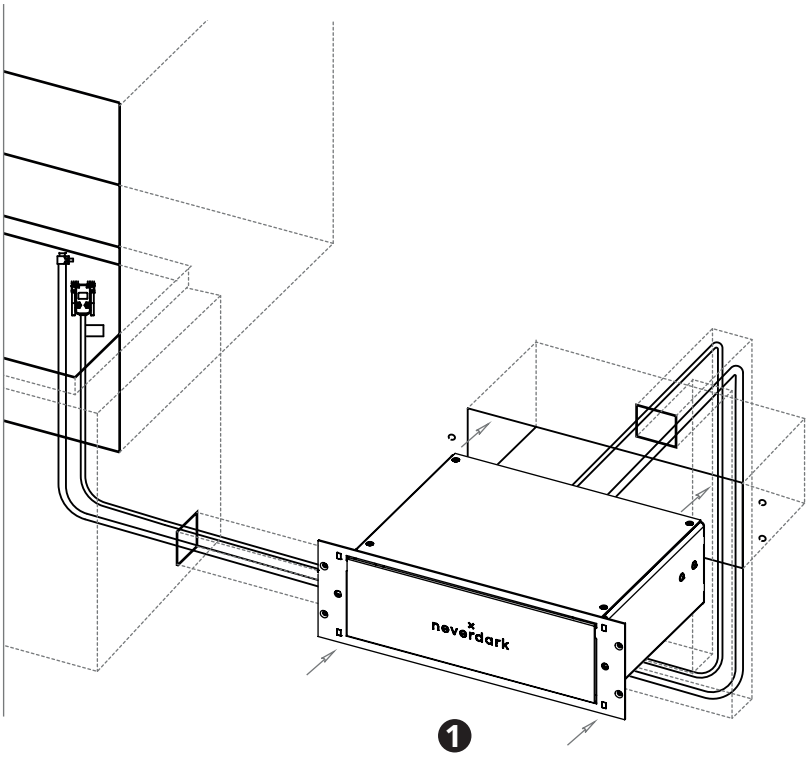
Installation of Standard ARS

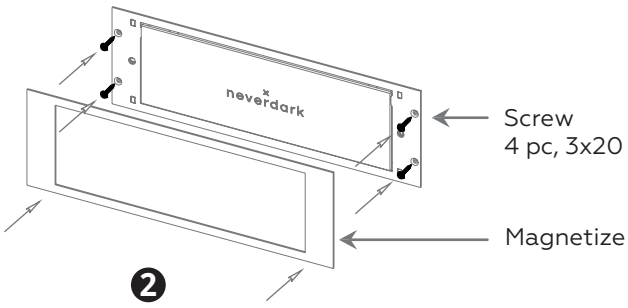


Installation of Standard ARS (with fuel canister)

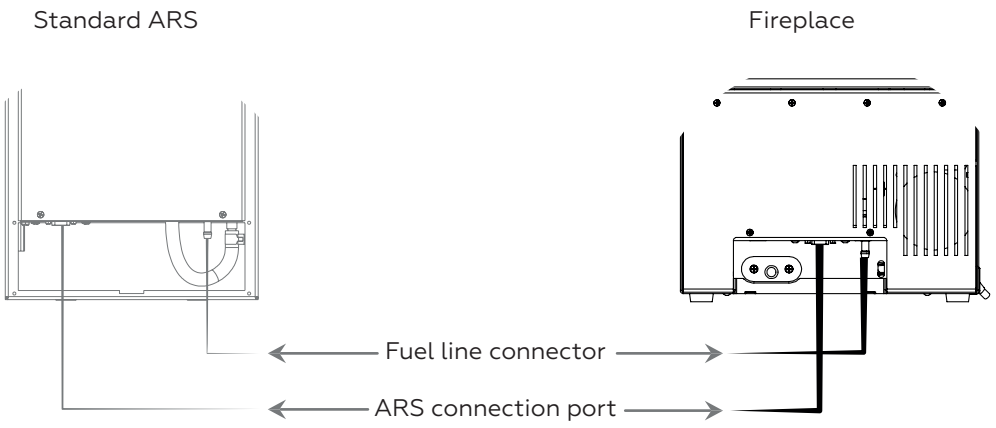


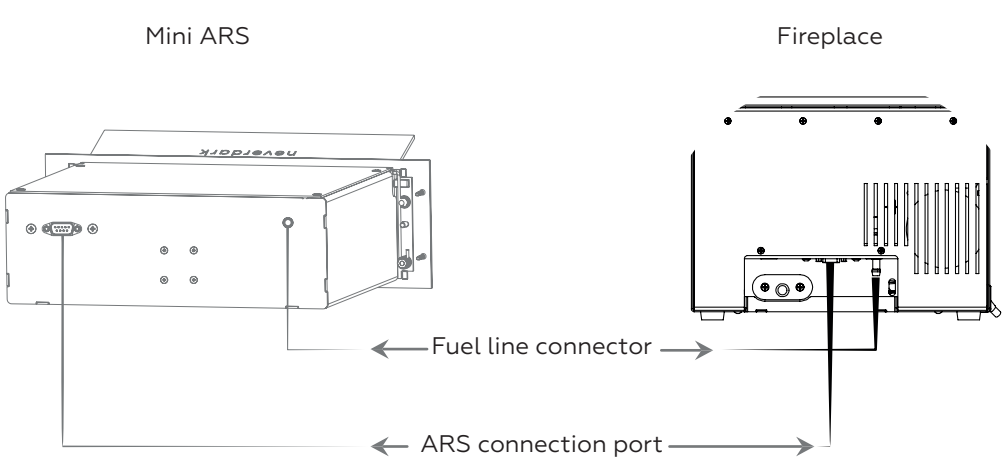
Installation of Mini ARS (Up and Down)





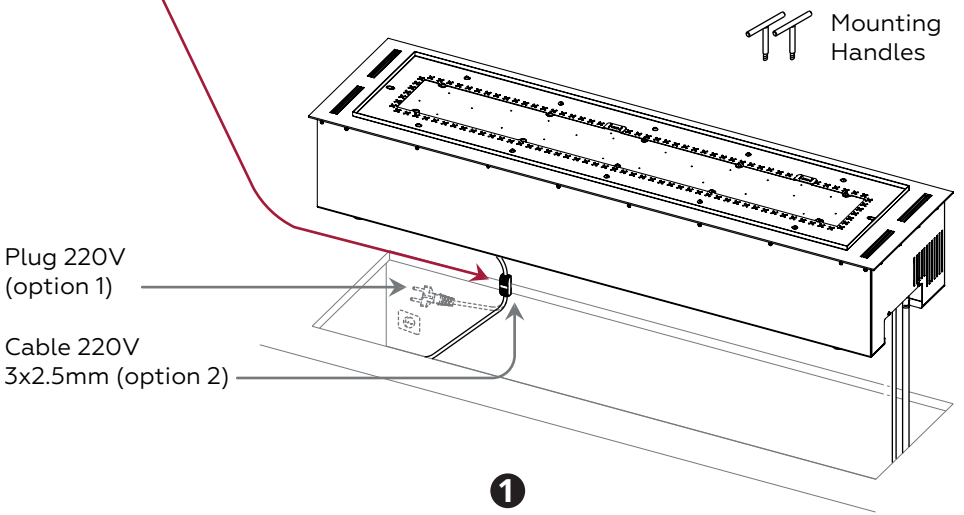
Connecting communications to the fireplace

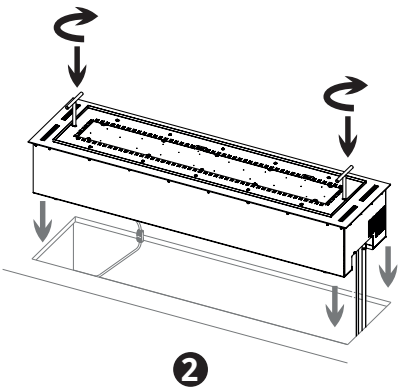


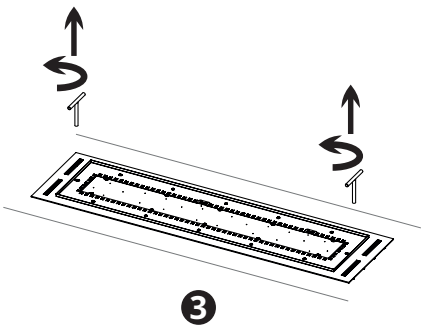


Installation of the fireplace

WARNING! 220V cable connection must be carried out by a qualified electrician.







FEATURES

Technical information

Parameters	Fireplace model		
	Chalet-II (Ex) 700	Chalet-II (Ex) 950	Chalet-II (Ex) 1200
Tank volume, l	8,45	12,2	16,0
System volume, l	9,5	13,7	17,9
Consumption, l/h (min | max)	0,4	0,7	0,6	1,0	0,8	1,3
Average consumption, l/h (min | max)	0,6	0,8	1,1
Burning time, h (min | max)	12,1	21,1	12,2	20,4	12,3	20,0
Room size, m^2 (with I without ventilation system)	19	48	27	68	35	88
Max power consumption, kW	0,9	0,95	1,25
Heat power, kW (min | max)	2,6	4,6	3,9	6,5	5,2	8,5
Air consumption, m^3/h (min | max)	0,7	1,3	1,1	1,9	1,5	2,4
CO_2 release, m^3/h (min | max)	0,3	0,6	0,5	0,8	0,6	1,0

Read USER MANUAL

Read SAFETY INSTRUCTION

Warnings

The manufacturer does not recommend placing objects that are sensitive to high temperatures above or next to the fireplace as this may significantly shorten their service lifetime.

In case the Technical Documentation and User Manual were not followed, the manufacturer would not be responsible for any damage to objects above or next to the fireplace.

ATTENTION! Kindly follow next rules while using the Neverdark fireplace:

- Keep away from children;
- Ensure that the wall/table/floor on which you place the appliance can withstand its weight;
- Install in a place protected from draughts only;
- Do not cover top or side ventilation grids;
- Do not place flammable objects on the appliance;
- Keep a carbon dioxide fire extinguisher within sight;
- The use of a separate electricity line with a fuse and/or circuit breaker is mandatory;
- For comfortable use of the fireplace it is necessary to ensure the supply of a fresh air into the room, as well as removal of a cobustion products. It can be a ventilation extractor, recuperator or an opened window;
- Keep this Documentation in a safe place for the lifetime of the fireplace!

NEVERDARK LLC

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neverdark.one