

PRODUCT UPDATE | DORAKO STO

Fresh air straight from the floor

A new dedicated bottom air intake for DORAKO STO M14 wood-burning stoves



Interior visualisation of the STO M 14 3F model.

NEW OPTION The Ø100 mm bottom connection allows combustion air to be routed through the floor layers - without bringing the duct out directly behind the appliance.

Design basis: STO M14. Compatibility with the selected stove version is confirmed before order acceptance.

New design freedom

The bottom air intake meets the needs of modern projects where services should remain concealed and the stove position should not be dictated by a wall connection.



STO M 14 3F - an example configuration from the STO M14 family.

What does the project gain?

01 CONCEALED AIR ROUTE

The combustion-air duct can be prepared in the floor and brought directly beneath the appliance.

02 CLEANER ARCHITECTURE

With no visible rear connection, open arrangements and multi-side presentation become easier.

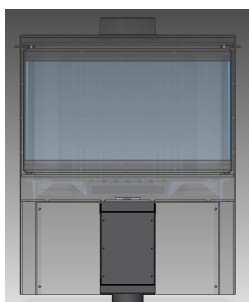
03 BETTER TRADE COORDINATION

The connection position can be agreed with the architect, flooring contractor and fireplace installer before finishing works.

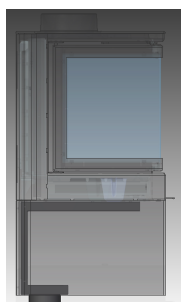
04 DEDICATED DORAKO COMPONENT

Air is carried by a metal module engineered for the stove, rather than improvised site-made adapters.

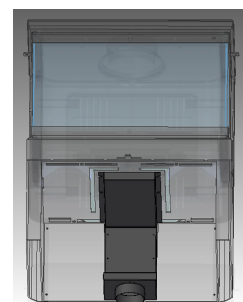
The solution from three angles



FRONT VIEW



SIDE VIEW

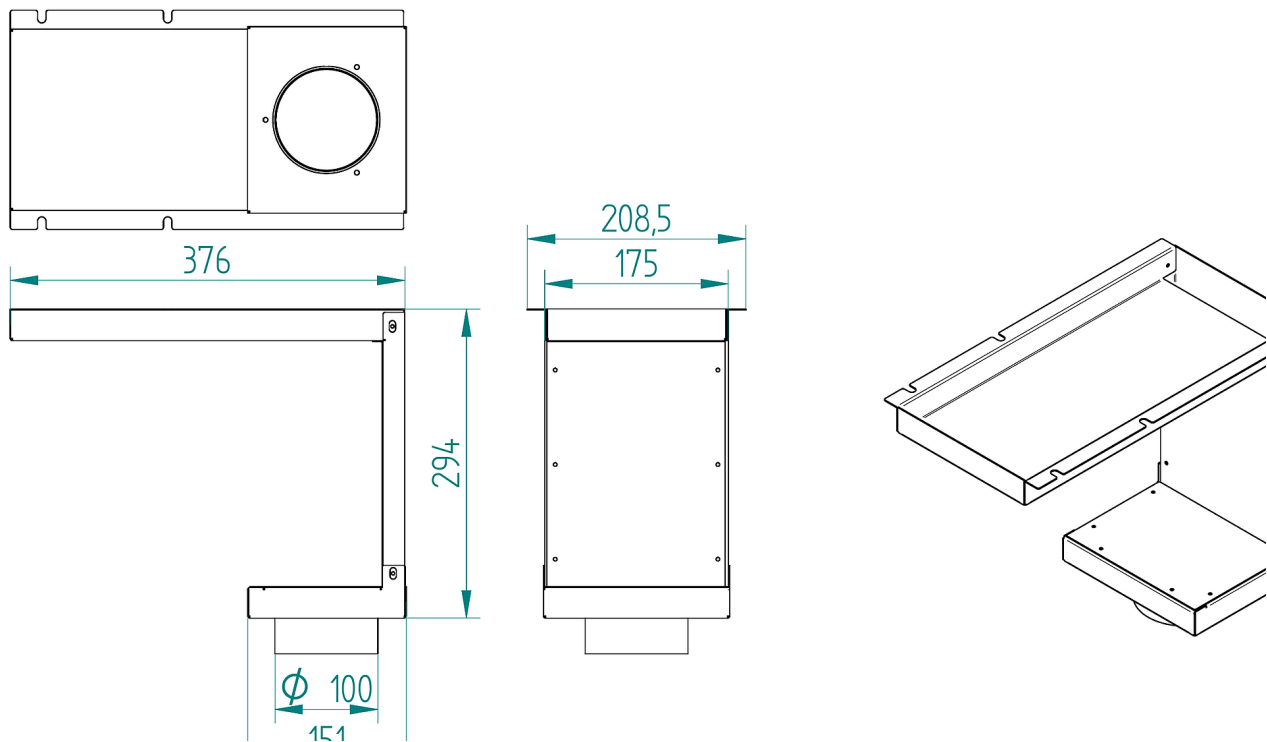


REAR VIEW

APPLICATIONS New buildings, open-plan living rooms, stoves visible from several sides, and refurbishments where the air duct can be routed in the floor.

Design and reference dimensions

The dedicated duct draws air through the floor connection, routes it vertically inside the lower body and then horizontally beneath the firebox to the stove's air system.



Bottom air-intake module - all dimensions in mm. DORAKO drawing, 07/2026.

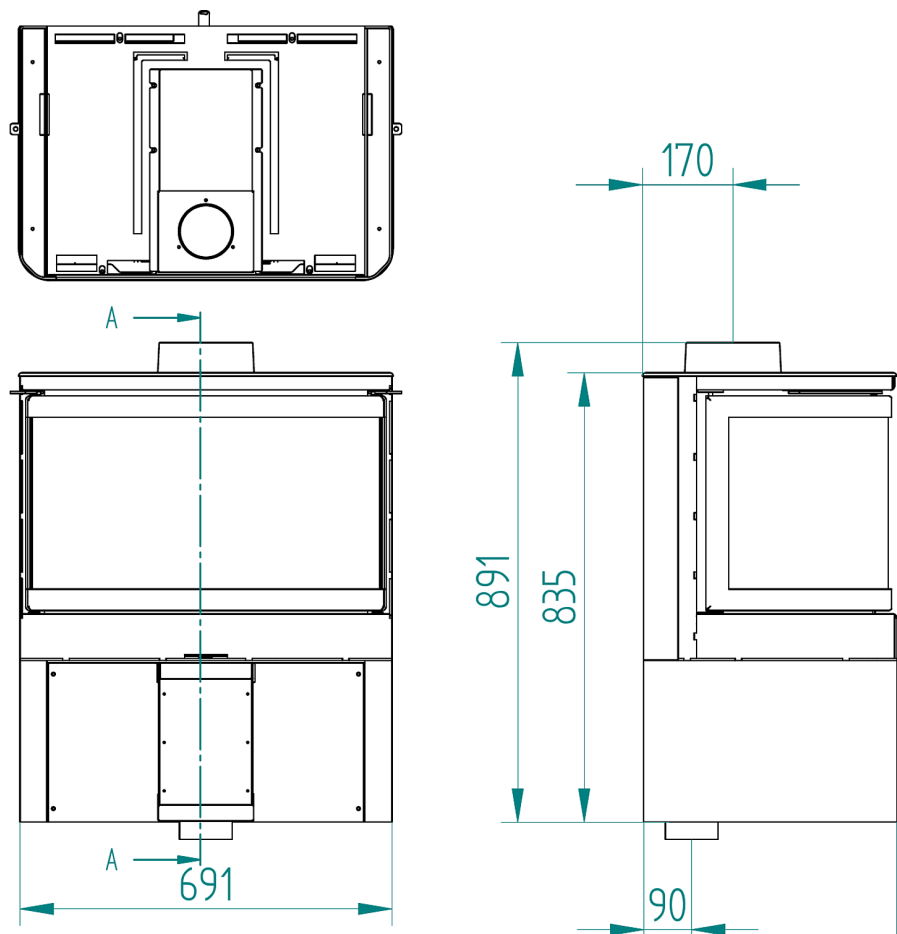
COMPONENT	DIMENSION	DESIGN NOTE
Bottom connection	$\varnothing 100$ mm	duct emerging from floor
Upper duct length	376 mm	reference module dimension
Module height	294 mm	from lower plate to upper duct
Upper section depth	208.5 mm	overall dimension
Duct section width	175 mm	reference dimension
Lower plate width	151 mm	connection area in base

Source: DORAKO technical drawings STO_M14_dolot_dól.dft, issued 07/2026.

IMPORTANT This newsletter drawing is not an installation template. Before making the floor penetration and closing the floor layers, obtain the latest drawing for the ordered model and version.

Coordinating the appliance with the floor

The assembly drawing shows the bottom connection relative to the STO M14 body. Dimensions must always be read together with current documentation for the exact configuration.



Reference dimensions of the STO M14 assembly with bottom air intake - in mm.

Six checks before closing the floor

1. **Model and version.** Confirm the exact STO model and glazing configuration.
2. **Finished floor level.** Provide the floor build-up and final finished-floor elevation.
3. **Appliance axis.** Set the stove position and flue axis.
4. **Ø100 connection.** Maintain the full clear section and allow a sealed joint.
5. **Duct route.** Use a sealed, non-combustible duct; protect it against condensation and heat loss where required.
6. **Pre-screed check.** Verify the connection position against the latest DORAKO drawing before the floor is permanently closed.

INSTALLATION RESPONSIBILITY The air-supply route, fire-safety requirements, intake protection and compliance with local regulations must be confirmed by the designer or qualified installer.