

FYRINGSVAKTA

Technical Data Sheet

Document	Revision	Date	Manufacturer
FV-TDS-001	A	15.09.2026	Pellementmaker Steinvik

1. PURPOSE AND SCOPE

Fyringsvakta is an aluminium enclosure for portable multifuel stoves used in tents and temporary shelters during field operations.

The enclosure provides a defined operating area around the stove and separates the stove and fuel line from surrounding equipment. The design is intended for use with selected commercially available multifuel stoves without modification of the stove.

Fyringsvakta is intended for cold-weather field use where liquid-fuel stoves are used for heating, cooking and snow melting.

2. SYSTEM DESCRIPTION

Fyringsvakta consists of a folded aluminium enclosure with an internal stove screen and configuration-specific components for positioning the selected stove.

The enclosure also serves as a storage and transport case for the stove system and associated equipment. During operation, the stove is elevated from the ground, and the fuel bottle is secured in a dedicated holder.

This arrangement provides a defined operating footprint for the stove and fuel system, improves stability and keeps the fuel line and connection points accessible for inspection.

The internal stove screen provides shielding around the burner and supports efficient stove preheating.

Available accessories include a removable shelf, pot support and repair kit pouch.

3. COMPATIBILITY

Fyringsvakta is available in configurations for the following stove systems:

Manufacturer	Stove
MSR	XGK EX
MSR	WhisperLite models
Primus	Omnifuel and OmniLite models
Optimus	Polaris and Nova

Each Fyringsvakta is manufactured for the stove configuration specified at the time of order. Compatibility between different stove configurations is not implied.

No permanent modification of the stove is required.

4. TECHNICAL DATA

Parameter	Specification
Overall dimensions	420 × 220 × 110 mm
Mass	Approx. 1.05 kg
Material	Aluminium alloy EN AW-5052
Material thickness	0.8 mm
Assembly	Mechanically assembled
Country of manufacture	Norway

5. OPERATIONAL USE

Fyringsvakta is transported in its closed configuration with the stove and associated equipment stored inside the enclosure.

For operation, the removable base section is released, inverted and repositioned inside the lid, forming the operating configuration. The stove is thereby elevated from the ground, after which the fuel bottle can be installed in the dedicated holder.

The resulting arrangement provides a defined operating area for the stove, fuel line and fuel bottle and allows the fuel system and connection points to remain accessible for inspection during operation.

Normal stove operating procedures remain applicable. The stove manufacturer's operating instructions shall be followed.

Fyringsvakta does not eliminate the hazards associated with operating a combustion appliance inside an enclosed or partially enclosed shelter.

6. FIELD EXPERIENCE

Fyringsvakta has been developed through practical cold-weather use and iterative field testing in Norway, Svalbard and the Northwest Passage.

More than 250 Fyringsvakta systems have been produced for civilian, professional and military users since product introduction.

Systems have been demonstrated and loaned for use in Norwegian military cold-weather environments, including NATO cold-weather training.

In 2026, Fyringsvakta systems were ordered by the Canadian Special Operations Training Centre for cold-weather field training.

7. PRODUCTION AND SUPPLY

Fyringsvakta is designed and manufactured in Norway.

The product is manufactured in small-series using laser-cut and formed aluminium components. Production quantities can be scaled according to order volume and required delivery schedule.

Configuration-specific components, replacement parts and field repair components are available.

Delivery configuration and lead time are confirmed for each institutional order.

8. LIMITATIONS

The product does not modify the combustion characteristics, controls or safety systems of the stove.

Safe operation remains dependent on correct stove operation, suitable fuel, adequate ventilation, appropriate cookware and continuous supervision.

Use of any combustion appliance inside a tent or shelter involves a risk of fire, burns, carbon monoxide exposure and oxygen depletion.

9. MANUFACTURER

Pellementmaker Steinvik

FEW / Fyringsvakta

Organisation No. 935 028 728 MVA

Norway

Pellementmaker Steinvik is the manufacturer and legal entity responsible for the design, manufacture, supply and technical documentation of Fyringsvakta.

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APPENDIX A – PRODUCT PHOTOGRAPHS



Figure A.1 Fyringsvakta Rev C. Current revisions incorporate reinforced corners with external reinforcement brackets.



Figur A.2 Fyringsvakta with MSR XGK EX, Rev C. Current revisions incorporate reinforced corners with external reinforcement brackets.