

ZAG - ZAG Extreme Cold

The ZAG Enclosure is the ultimate protection solution designed for large-format thermal printers. Fully engineered for demanding environments, it provides optimal physical and thermal protection for your equipment. Its smart design, featuring simplified access to controls and consumables, ensures smooth and effortless operation. The lid, mounted on a piano hinge and assisted by pneumatic struts, opens easily and closes with a perfectly sealed fit thanks to a tongue-and-groove interlocking system. Dedicated access points, such as the drop-down side panel and the transparent PMMA front panel, allow easy maintenance and user-friendly operation of the printer.

Key Strengths

- **Maximum protection:** Designed to withstand impacts and protect your equipment from external hazards.
- **Adaptability:** Perfectly sized to accommodate large-format thermal printers.
- **Hygiene and safety:** Smooth, retention-free surfaces prevent condensation or microbial growth a major asset for sensitive environments.
- **Thermal performance:** Provides effective thermal protection to keep your printers operating in ideal conditions.

Specifications

- **Robust structure:** Thermoformed enclosure made of 19 mm extruded composite.
- **Certified sealing:** IP65 protection rating, ensuring complete sealing against dust and water jets.
- **Easy access:**
 - Drop-down side panel mounted on a piano hinge and secured with two toggle latches.
 - 6 mm PMMA drop-down front flap for access to controls and labels.
- **Cable management:** Standard cable gland system (7 to 13 mm) for secure cable routing.
- **Dimensions (L x D x H in mm):**
 - **ZAG:** Ext. 530 × 790 × 550 | Int. 430 × 685 × 470
 - **ZAG DEEP COLD:** Ext. 530 × 770 × 550 | Int. 395 × 675 × 350

Options ou variantes

Common Options (Food Industry Range):

Customize your enclosure with a wide range of options to meet your specific needs:

- Stainless steel stand or wall mount.
- Pull-out shelf for printer and/or mouse.
- Ventilation system (ECA) with IP65 deflector.
- Thermostatic heater (RCA) 50/150 Watt.
- IP65 waterproof inspection window for monitoring consumables.
- Kit of 4 wheels for the stand (including 2 with brakes).
- Lock, screen mount, and KDL cable gland without cutting.

ZAG EXTREME COLD Variant:

For the most extreme environments, the ZAG DEEP COLD version is designed to operate in frozen zones, withstanding temperatures down to -30°C . It includes specific features:

- **Enhanced insulation:** A 20 mm layer of STYROFOAM is added to the walls and bottom of the enclosure.
- **Heating system:** Equipped with two 150 W heating units to maintain a stable operating temperature.