



Clear view to frozen products thanks to high performance insulation glass units

# Where functionality meets efficiency

## SCHOTT Termofrost® ECO-Clear: fully passive freezer doors for eco-friendly cabinets

### Product description

SCHOTT Termofrost® ECO-Clear doors are specifically designed for presenting products in freezer cabinets in food retail stores. These doors do not need additional heat to stay free of condensation and therefore consume no energy, resulting in lower energy costs. The glass pane facing the freezer is equipped with an anti-fog film, significantly minimizing condensation, for clear presentation of your products. This allows for a clear view of the frozen products without condensation.

At the same time, the triple glazing of SCHOTT Termofrost® ECO-Clear offers outstanding insulation that reduces heat transfer from the warm to the cold side. This effect also supports compliance with regulatory requirements for food storage.

The door is available in two different versions:

- SCHOTT Termofrost® ECO-Clear AGD
- SCHOTT Termofrost® ECO-Clear X

SCHOTT Termofrost® ECO-Clear AGD feature slim edge protection, offer a clear view of the products stored and come in a modern all-glass design. SCHOTT Termofrost® ECO-Clear X doors are designed with aluminum rails that are known for their durability.

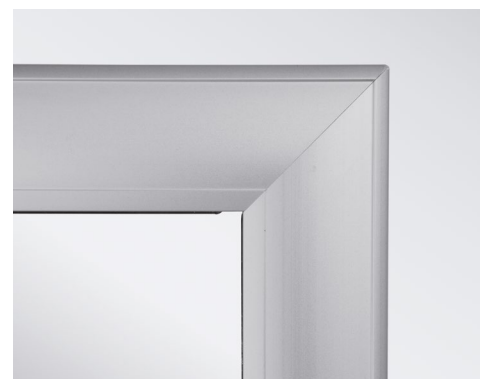
The system is available in both standard and customized sizes and configurations.

### Take advantage of the benefits

- Lower energy costs as no electricity is needed for heating the door to prevent condensation
- Clear presentation of your product thanks to the anti-fog film
- Triple glazing ensures high thermal insulation
- Easy assembly in existing SCHOTT Termofrost® frame systems, for new cabinets or retrofitting
- Highly stable, secure and durable glass



SCHOTT Termofrost® ECO-Clear AGD



SCHOTT Termofrost® ECO-Clear X

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# Technical specifications

		SCHOTT Termofrost® ECO-Clear AGD/X
Description	Application	Fully passive swing door for freezer cabinets (for the assembly in conventional SCHOTT Termofrost® freezer frames)
System configuration	Doors/set	<ul style="list-style-type: none"><li>▪ For full size frames/cabinets with 1–5 openings</li><li>▪ For combi frames/cabinets with 2–6 openings</li></ul>
Door		<ul style="list-style-type: none"><li>▪ Fully passive</li><li>▪ With anti-fog coating on rear glass pane</li><li>▪ Triple glass unit with warm edge technology with inert gas filling</li><li>▪ With 2 low-e panes for reduced heat transmission (semi-passive version available for challenging climate conditions)</li></ul>
Standard dimension (mm)	Height	Customized (700–2000 mm)
	Width	Door width typically 607–760 mm, customization possible
Handle		<ul style="list-style-type: none"><li>▪ SCHOTT grip for ECO-Clear X</li><li>▪ Integrated handle for ECO-Clear AGD and ECO-Clear X</li><li>▪ Short alu for ECO-Clear AGD</li></ul>
Door opening features		<ul style="list-style-type: none"><li>▪ Self closing</li><li>▪ Door stop</li><li>▪ Hold open</li></ul>
Lighting options		Vertical LED modules (optional)
U-value	U-value	0.8 W/sqmK