



BOREA FREEZE AIR

- _Vertical Freezer Multideck
- _Full Plug-in
- _SPI Waterloop coming soon

Designed to Sell More – Built to Save Energy

BOREA FREEZE AIR is AHT's latest generation of vertical multideck freezers, developed with a strong focus on energy efficiency, modern design and outstanding product presentation. BOREA FREEZE AIR offers a larger total display area while maintaining excellent temperature stability.



STAND-ALONE



ROW



ISLAND



BLOCK

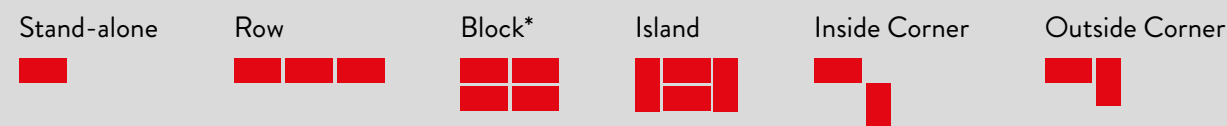


INSIDE CORNER



OUTSIDE CORNER

CONFIGURATIONS



*Optionally with end cabinet on both sides



VISUAL MERCHANDISING

Excellent product visibility and appealing product presentation are key elements of the BOREA FREEZE AIR concept. The cabinet features brilliant vertical LED lighting with 4000K, 5000K or 6500K. A particularly narrow door frame provides an unobstructed view into the cabinet, ensuring that products remain clearly visible to customers. Compared to the previous KALEA series, the total display area (TDA) has been increased by 5%, allowing retailers to present more products within the same footprint.



HIGH ENERGY SAVINGS

Energy efficiency is one of the main development goals of the BOREA platform. All models achieve an energy efficiency index (EEI) „C“. The daily defrost cycle during the nighttime with hot gas ensures an energy reduction of up to 28% compared to KALEA Freeze. The triple glazed full glass panorama doors with integrated door frame heating ensure distortion free view on the products inside the units.



COMPATIBLE WITH AMS

BOREA FREEZE AIR can be equipped with AHT's Active Monitoring System (AMS). This system continuously monitors the refrigeration units and detects potential issues before they become critical. AMS simplifies store management and helps operators maintain optimal performance of their refrigeration equipment. The cabinets can also be integrated with other monitoring systems, offering additional flexibility.



FLEXIBLE SYSTEM

BOREA FREEZE AIR is designed for maximum flexibility in installation and store integration. Thanks to the optimized frame construction, the cabinets can be installed directly against the wall without any required distance. They can also be easily connected to the existing building condensate water drain. The system supports different installation layouts and provides flexible options for price tag placement, ensuring easy integration into various store formats.



UNIFIED DESIGN

Placing a refrigeration and freezer multideck side by side has never looked better. With BOREA the Chill and Freeze version can be placed next to each other and ensure the same design language in your store.



ENVIRONMENT AND CLIMATE

BOREA FREEZE AIR operate with a hermetically sealed cooling system, minimizing the risk of refrigerant leakage and containing <150g refrigerant per circle. The units use the natural refrigerant propane (R290), which has one of the lowest global warming potentials (GWP) on the market and offers excellent thermodynamic performance. All models are approved according to the highest safety standards by VDE, ensuring reliable and safe operation in retail environments.

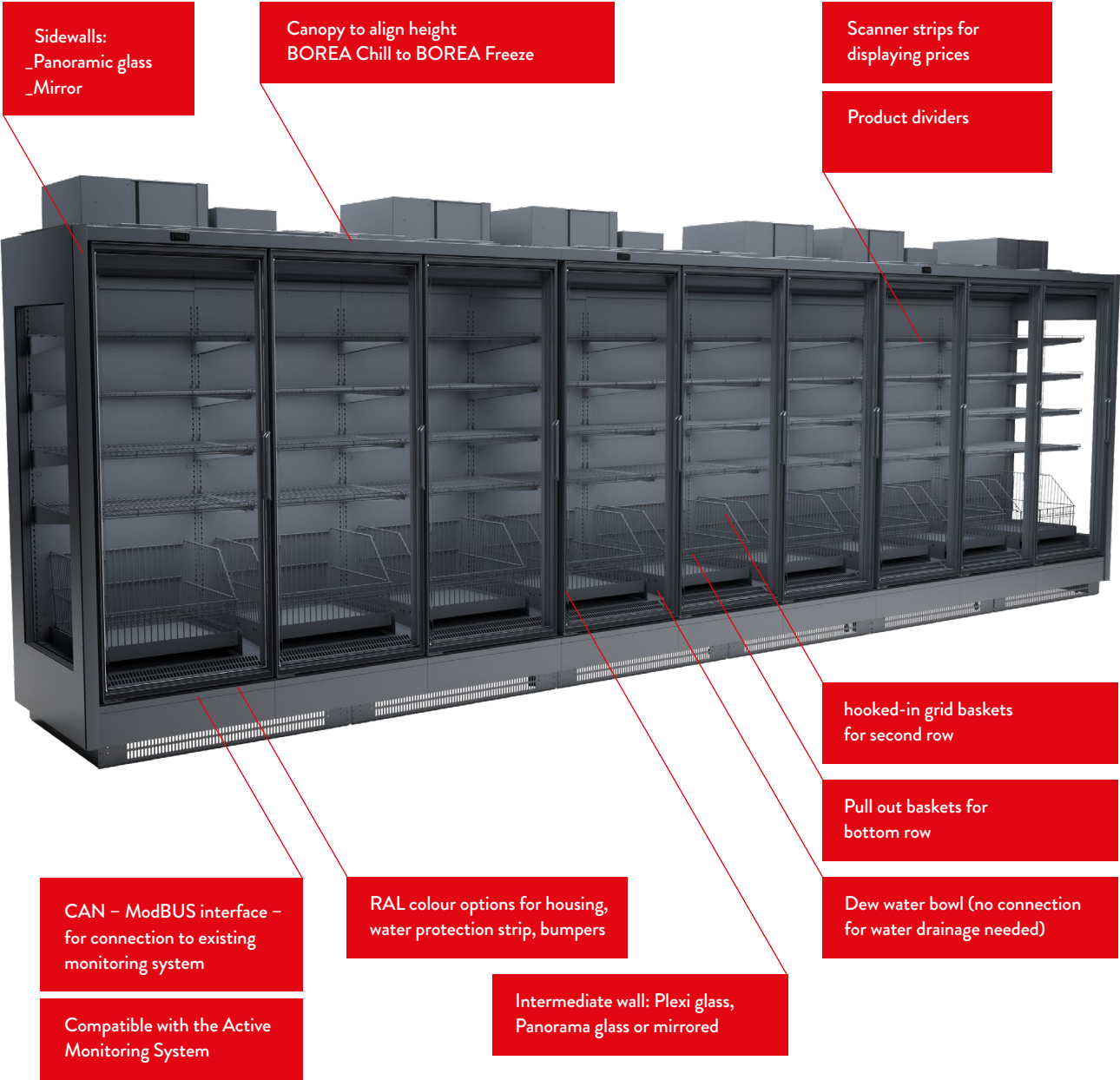
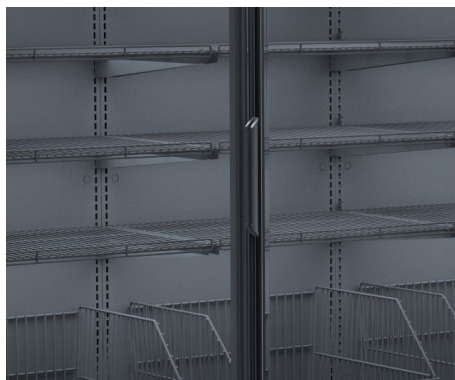
USPs

PRODUCT VISIBILITY

BOREA FREEZE AIR has been designed to deliver excellent product visibility and reliable cooling performance in demanding retail environments. The narrow door frames provide an unobstructed view into the cabinet, allowing customers to clearly see the products inside and supporting attractive product presentation. At the same time, an optimized airflow system combined with an advanced sealing concept reduces icing sensitivity and helps maintain stable temperatures for frozen goods. This contributes to consistent product quality while also supporting energy-efficient operation.

SMART ENGINEERING

For easy service and maintenance, the refrigeration compartment is located on top of the cabinet, making it quickly accessible for technicians. The condenser is also designed for high accessibility, allowing fast and convenient cleaning. Installation is simplified thanks to easily mountable side walls that can be installed without removing the doors.



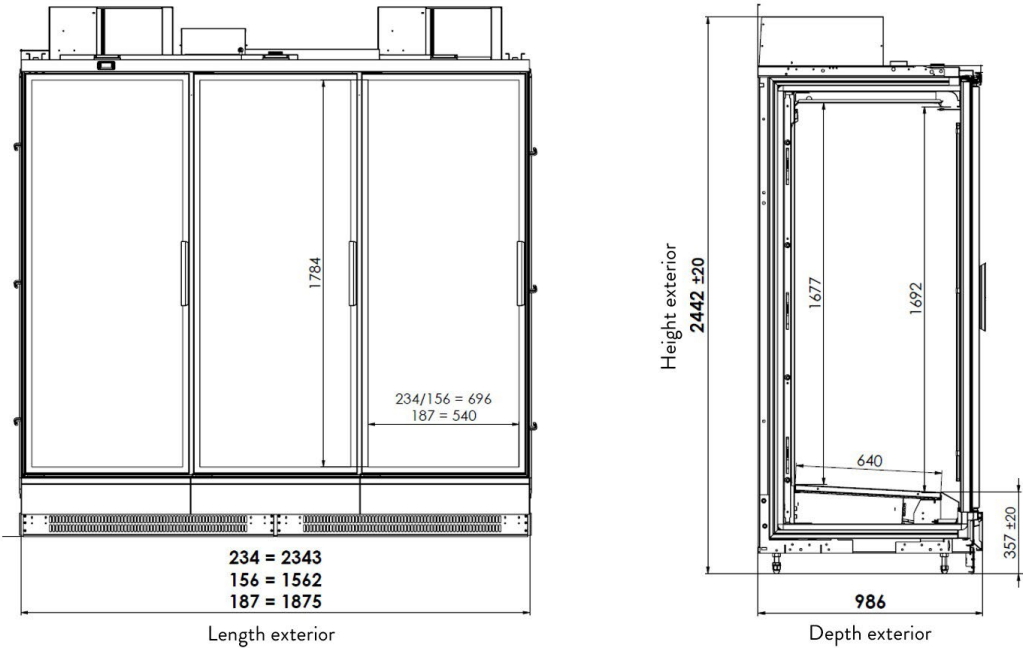
ACCESSORIES

- _Side walls: Closed with mirror inside, Panorama glass
- _Intermediate wall: Plexi glass, Panorama glass or mirrored
- _Product dividers
- _Scanner strips for displaying prices
- _Active Monitoring System
- _Pull out baskets for bottom row
- _hooked-in grid baskets for second row
- _RAL colour options for housing, water protection strip, bumpers
- _Dew water bowl (no connection for water drainage needed)
- _Canopy to align height BOREA Chill to BOREA Freeze
- _Can ModBUS interface



 DIMENSIONS BOREA FREEZE AIR

BOREA FREEZE AIR		Length exterior	Depth exterior	Height int./ext.	Shelf depth
234 H6	mm	2343	986	1692 / 2442	640
156 H6	mm	1562	986	1692 / 2442	640
187 H6	mm	1875	986	1692 / 2442	640



 TEMPERATURE RANGES

L1 Frozen Products -15°C to -18°C

 REFRIGERATION CYCLES

Length Refrigeration Cycles
156 1 cycle
187 | 234 | 312 2 cycles

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