Polar®

High-Performing Solution for Low-Temperature Applications

High performance and durable construction are especially important in low-temperature environments—and the perfect solution is SCHOTT Gemtron's Polar® door system.

Backed by SCHOTT Gemtron's 35 year history of innovation and product excellence—Polar door systems are built to withstand the daily demands of a variety of low-temperature retail settings. The SCHOTT Gemtron Polar® model exceeds the new 2009 Department of Energy regulations while providing you years of dependable performance.

The **future** starts with SCHOTT Gemtron **today**.

Polaris® LED Lighting STANDARD

*SCHOTT Gemtron announces that Polaris® LED lighting is now **standard** on the Sierra® model. Polaris® LED lighting has become an industry standard by delivering the highest level of lumens to the center of the shelf. You can save over 90% on your energy cost of conventional lighting that is typically seen on glass display doors. Polaris® also delivers over **88,000 hours** of performance while providing an even light distribution on your merchandise.*

Door Features

- ♦ DOE Compliant
- ♦ High-efficiency, three-pane heated, reflective glass
- ♦ QuikLoad hinging system
- ♦ Anti-Condensate Controller
- ♦ Dual-seal glass pack design
- ♦ Field-reversible door and frame
- ♦ Tempered glass
- ♦ Top auto engaging hold open
- ♦ Large, customer-friendly 12-inch, front-mounted, high-impact, durable handle
- ♦ One-piece, full-perimeter, snap-in magnetic door gasket

Lighting

- ♦ Polaris® LED lighting
- ♦ 1300 Lux—Center of Shelf
- ♦ 18 watts per door (6' lighting)
- ♦ 15 watts per door (5' lighting)
- ♦ 5 year warranty
- ♦ Exclusive lighting ejection chamber
- ♦ Over 88,000 hours of performance
- ♦ Optional Ramp Dimming with motion sensor

Finishes

- ♦ Black
- ♦ Polished Aluminum
- ♦ Silver Satin
- ♦ Gold

Sizes

- ♦ 24", 26", 28", 30", and 36" Wide
- ♦ 30", 67", 75", and 79" heights
- ♦ Custom sizes available

SCHOTT Gemtron

Polar®

Polaris® LED

SCHOTT Gemtron now offers the new Polaris® LED lighting system designed specifically for the commercial refrigeration industry as the **standard** lighting for Tundra®, Sierra®, and Polar®. This industry leading light output system is designed to handle the harsh cold environments for both the normal and low temp applications. Our name says it all, Polaris®. This patent pending design offers light pointed directly where it needs to be, at the merchandise to aid in increased product sales. This energy efficient Polaris® design can save you up to 90% of your current energy cost and also remove the amount of heat that is added to your cold environment, therefore reducing compressor run times. The SCHOTT Gemtron Polaris™ design has an exclusive light ejection chamber. When you add up all the benefits of the Polaris® LED lighting systems you will enjoy a fast payback on your lighting investment.

Frame Features

Polar® low-temperature frames have been designed by SCHOTT Gemtron to provide maximum condensation protection, weight load, as well as maximum energy efficiency. This unique combination of benefits places Polar® well ahead of our competition. The innovative Polar® design easily incorporates elegance, durability, and energy efficiency.

Welded Frames

Shelving

Attractive, strong, and easy to install and maintain, shelving systems from SCHOTT Gemtron offer many benefits for retailers. SCHOTT Gemtron shelves help retailers to maximize both appearance and cost-effectiveness in their displays – while also making it convenient for consumers to find and access the exact products they're looking for. SCHOTT Gemtron shelving systems complement the company's full line of Tundra®, Sierra®, and Polar® refrigeration door systems.

Frame Features

♦ Available in 1, 2, 3, 4, and 5-door configurations
♦ Full-flanged or continuous frames available
♦ Field-reversible doors and frames
♦ Set-back mounting holes for easy installation
♦ Welded corners and mullions
♦ Pre-mounted post brackets

Shelving Options

♦ 24, 26, 28, and 30 Widths available
♦ 24, 27, 36, and 43 Depths available
♦ White or Black Post
♦ Gravity Flow Shelving
♦ Stand-A-Lone Shelving
♦ White or black available

White or Black Post

Upgraded Handle

Handle Options

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