

# AGD Sliding Doors

## PRODUCT MANUAL

### **Product Overview**

Sliding Doors are engineered to save space while providing smooth, reliable, and energy-efficient operation for high-traffic cooler and freezer environments. Ideal for grocery stores, beverage displays, specialty refrigeration rooms, and commercial walk-in units, these doors optimize operational efficiency while maintaining long-term durability.

Constructed with a robust aluminum frame, sliding doors feature anti-condensation and anti-sweat systems to prevent moisture buildup. Soft open and close mechanisms reduce noise and wear, while heavy-duty drive trains ensure consistent operation. Manual override functionality ensures continued operation during power outages, making these doors a versatile solution for commercial refrigeration applications.

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### **Applications**

- Grocery store cooler and freezer aisles.
- Beverage and convenience store refrigerated displays.
- Specialty refrigerated rooms and cold storage areas.
- Retail frozen food aisles.
- Commercial foodservice and institutional refrigeration.
- High-traffic beverage or dairy sections.

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### **Benefits**

Space Saving: Sliding operation reduces aisle space requirements and maximizes usable floor area.

Durability: Heavy-duty drive train and reinforced frame provide long-lasting performance.

Quiet Operation: Soft open/close mechanisms minimize noise and reduce wear on hardware.

Safety & Reliability: Manual override ensures operation during power failure events.

Moisture Control: Anti-condensation and anti-sweat systems maintain clarity and reduce maintenance.

Flexibility: Available in single or double sliding configurations to match any cooler layout.

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### **Key Features**

- Available in single or double sliding configurations.
- Heavy-duty drive train rated for long service life.
- Soft open and close mechanism for quiet operation.
- Manual override for power failure.
- Anti-condensation and anti-sweat systems for moisture control.
- Customizable handle and finish options.
- Space-saving design ideal for tight aisles.
- Compatible with cooler and freezer applications.
- Robust aluminum frame for durability and thermal performance.

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### **Technical Specifications**

<b>Specification</b>	<b>Value</b>
<b>Available Door Sizes</b>	48 x 80 / 60 x 80 / 72 x 80 in
<b>Opening Type</b>	Single
<b>Operation</b>	Manual / Assisted
<b>Operating Temperature</b>	-10 to 40 °F
<b>Frame Material</b>	Aluminum
<b>Drive System</b>	Heavy-duty, long-life drive train
<b>Noise Reduction</b>	Soft open / close mechanism
<b>Moisture Control</b>	Anti-condensation and anti-sweat systems
<b>Handle Options</b>	Customizable
<b>Configuration</b>	Single or double sliding

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### ***Installation Considerations***

- Designed to fit standard commercial freezer openings.
  - Compatible with standard freezer lighting and shelving layouts.
  - Requires standard electrical connection for LED lighting and heated glass (120V).
  - Sliding hardware requires proper wall or frame anchoring for maximum durability.
  - Thermally broken aluminum frame requires correct insulation integration.
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### ***Optional Features***

- Designed for standard commercial cooler and freezer openings.
  - Ensure proper alignment and anchoring for smooth sliding operation.
  - Compatible with existing shelving and lighting layouts.
  - Requires minimal clearance for manual or assisted sliding operation.
  - Soft-close and drive mechanisms may require occasional maintenance.
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### ***Summary***

Sliding Doors provide a space-saving, energy-efficient, and durable solution for commercial refrigeration applications. With features such as soft-close mechanisms, heavy-duty drive trains, anti-condensation systems, and manual override capability, these doors are engineered for high-traffic environments.

Whether used in grocery stores, beverage displays, specialty refrigeration rooms, or institutional freezers, Sliding Doors offer flexibility, reliability, and long-term performance, enhancing operational efficiency while maintaining optimal product visibility.