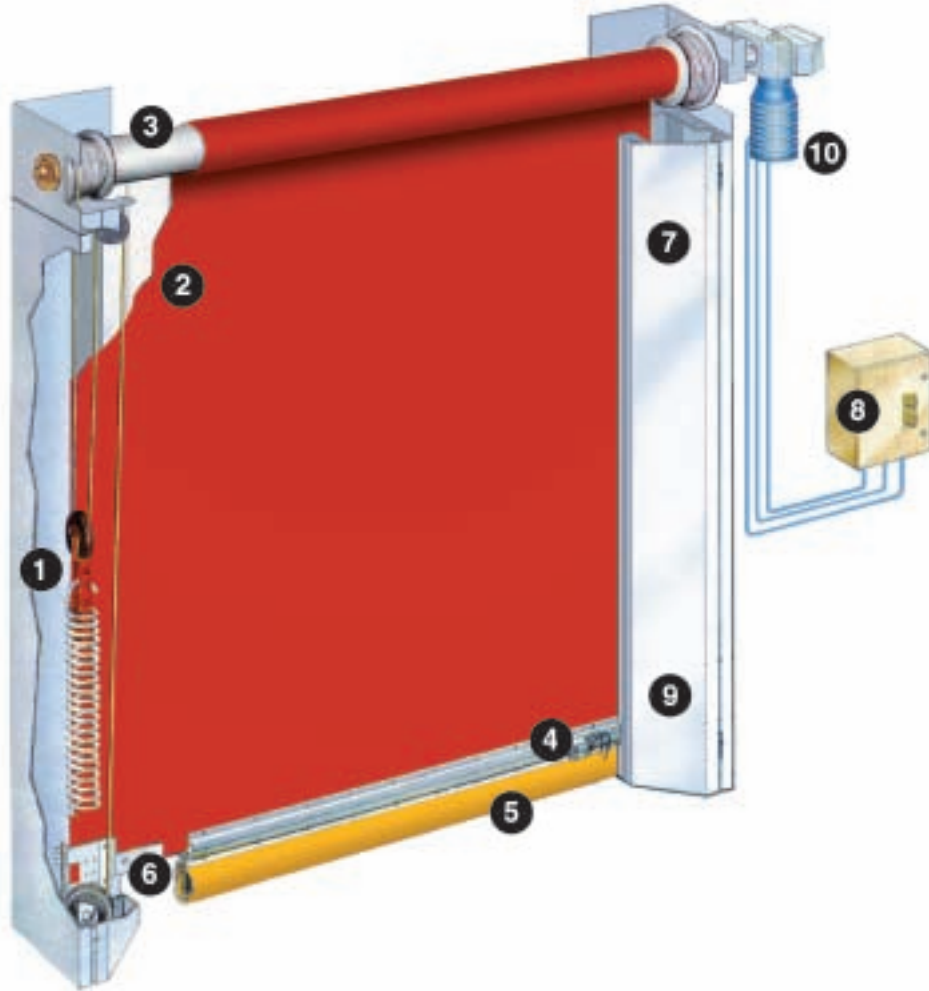


The **Rapid Roll® Model 670** saves companies millions every year in maintenance and energy costs while improving traffic flow! The original heavy-duty door!

RAPID ROLL™ THE ORIGINAL MODEL 670 AND STILL THE WORLD'S BEST.



#### 1. Patented Counterbalance and Tensioning System

The internally mounted counterbalance and tensioning system is the very heart of our fast-acting door. The pulleys are constructed of a high-impact, injection-molded polymer and contain two permanently sealed, lubricated ball bearings. Pre-stretched, self-lubricating, steel aircraft cables work in conjunction with alloy 319 die-cast aluminum cable drums.

#### 2. Durable Door Panel

The chemical, weather and puncture resistant 3-Ply door panel material is constructed of woven polyester monofilament fabric.

#### 3. Protective Top Roll

The Model 670's door panel rolls up on an 11-gauge ASTM 513 steel tube. This heavy-duty tube is sized for maximum deflection of .01 in./ft. (.078 mm/m) and maximum overall deflection of .20 inches (5 mm). A nylon brush serves as the top seal to prevent air infiltration.

#### 4. Heavy-Duty Bottom Beam

The rigid, low-profile bottom beam is made of anodized extruded aluminum alloy 6063 either 4.25 or 6.5 inches (108 mm or 165 mm) high, depending on door size and windload. The steel tensioning cable is attached to 10-gauge

zinc-plated steel brackets at each end of the bottom beam.

#### 5. Contactless Safety Edge™

The Contactless Safety Edge™ helps stop accidents before they can happen, while permitting extremely fast door speeds. The sensitive through-beam photocells travel up and down with the door. If an object is detected, the door reverses immediately before contact.

#### 6. Impact Resistant Bottom Beams

Engineered for a variety of applications, The 670 offers a choice of three different bottom beam systems as a standard feature: **Self Repair Device (SRD)**- No downtime. In the event of an impact, the SRD automatically resets the door for operation. **Rapid Reset System (RRS)**- designed for exterior applications where there may be heavy winds. The RRS allows for an easy manual reset of the curtain and bottom beam after an accidental hit. No tools are required and the model 670 is back in operation in seconds. A fixed bottom beam is also available.

#### 7. Heavy-Duty Side Frames

The 12 and 14-gauge self-supporting gavanned steel side frames are standard and feature hinged steel covers that protect the balance and tension system. Also standard are front and rear

channel guides for use with windbars. Double nylon brushes located in the side frames provide an excellent air and weather seal around the sides of the door. Steel frames painted in silver, blue or brown are standard, custom colors are available. The easy-to-remove covers are low profile and won't corrode or rust.

#### 8. Ingenious Control Panel

Low maintenance. High reliability. The Model 670 features a state-of-the-art, self-diagnostic control panel. The Model 670 control panel meets NEMA 4 requirements and is UL (File #E103891) and CSA listed. The advanced technology control panel features a programmable logic controller (PLC) and is standard with your choice of two remote push buttons, two pull switches or one of each.

#### 9. In-Line Photocells

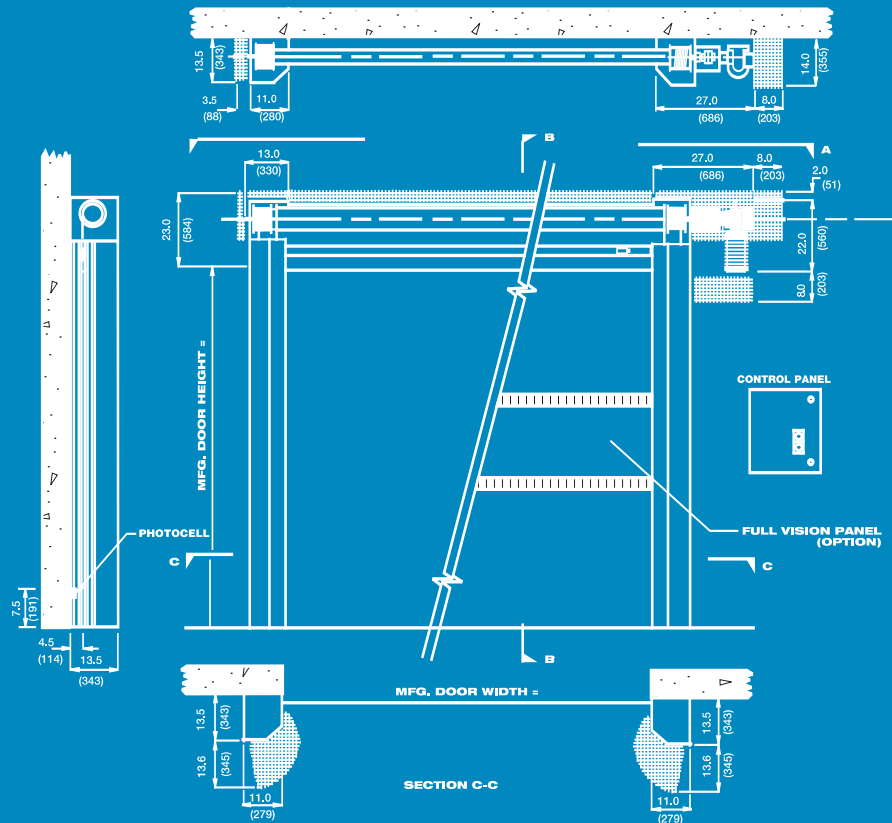
In-line photocells prevent the door from closing when an object is in the doorway.

#### 10. All-Star™ Drive

Each Model 670 is equipped with a 100% solid state All-Star™ Drive for maximum efficiency and productivity. This computer controlled system has a soft start/soft stop feature that virtually eliminates jarring starts or stops for less wear and downtime. The door can be programmed to operate at speeds up to 100" per second (2.54m).

RapidRoll®  
**670**

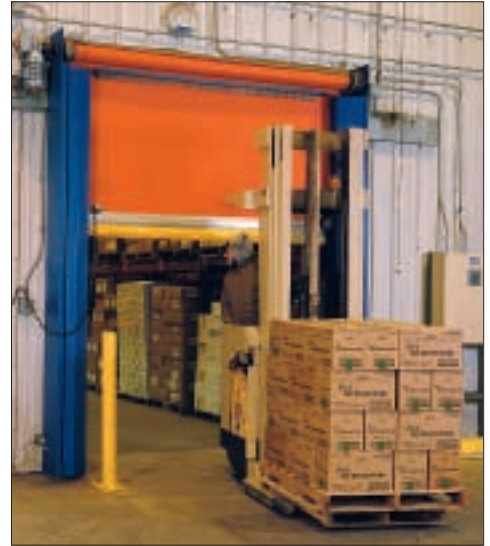
**MODEL 670 DIMENSIONS AND SCHEMATIC**



Detailed architectural specifications available upon request.

**OUR BEST SELLING DOOR!**

Saves companies millions in maintenance and energy costs!



With super-fast speeds of 100"/(2.5m) sec, RapidRoll® Doors allow traffic to move quickly, eliminating energy losses by reducing the time an opening is exposed to direct air flow.

**AVAILABLE OPTIONS**

Choose from a variety of accessories for maximum efficiency and safety:

- Custom Door Logos
- Floor Loop Receivers
- Freezer Package
- Front Cover
- Full Roll Covers
- FullVision Panel™
- Manual Disengagement
- Manual Hoist Chain Drive
- Motion Detector
- Motor Cover (with Full Roll Cover)
- Photocells
- Presence Sensors
- Radio Control System
- Rubber Side Frame Seals
- Warning Horn
- Warning Light
- Windbar (Front and/or Rear)
- Windows

**MODEL 670™ SPECIFICATIONS**

Opening/Closing speed	Up to 100" (2.5m) per second
Maximum size	24' wide or 26' tall/max 429 sq. ft. (7.31m wide or 7.92m tall/max 39.8m <sup>2</sup> )
Header Clearance	23" (58cm) above clear opening
Safety Edge	Pneumatic and Contactless
Fabric	3-Ply woven polyester monofilament
Side Frames	11" x 13.5" 14 ga. Painted Galvanneal Steel (279mm x 342mm)
Control Panel	NEMA 4
Input Voltage	208-240V, 440-480V, 575-600V
Motor HP	1.5 HP
Drive	All-Star™— Soft Start/Stop
Limit Adjustment location	Control Panel with encoder
Photocell	In-Line

In the process of continuing product improvement, Albany Door Systems reserves the right to change any specifications at any time.

**Other Models Available:**

UltraLite • UltraFast • UltraClean • UltraCool • UltraFreeze • UltraSecure 3000  
UltraTough M&I • UltraBig M&I • RapidRoll 355