

# ThermaChill

The Ultimate in High Speed Doors

Take the Chill  
Out of Energy Costs

**ALBANY**  
DOOR SYSTEMS  
A company of Albany International Corp.



# ThermaChill. The safest, most reliable high speed cold storage door.

**From the world's largest manufacturer of high speed industrial doors.**

For high fork-truck traffic and high temperature differentials, the ThermaChill insulates your bottom line from high energy and maintenance costs. You'll optimize throughput and reduce product spoilage while ensuring safety and operational efficiency.

### Higher Performance – Lower Costs

For maintenance and operations, ThermaChill eliminates compromise between temperature control, energy costs and productivity with features including:

- Opening speeds up to 130" – one of the fastest cold storage doors available.
- BacFlap™ Auto-reset System – break-away bottom beam prevents door panel tears and automatically resets itself after impact.

### Minimize energy loss and product spoilage

The ThermaChill helps you reduce energy loss and maintain cold storage environments without compromising product quality. The door curtain is made of sophisticated cellular insulation. So you won't need a heated blower to prevent ice and condensation build-up on the panel material.

- Climatex Insulated Panel Material – maintains climate control even with temperature variances between 32 degrees F and more than 45 degrees F.
- Weather seal – reduces energy loss and maintains climate control despite fluctuations in ambient temperature.
- Space-saving profile – projects 3½ inches from the wall.

## ThermaChill Applications

- Food & Beverage Distribution
- Food & Beverage Processing
- Food & Beverage Warehousing
- Grocery Facilities

### Keep workers safe and more productive

The ThermaChill helps avoid lost-time accidents common in high-traffic cold storage workplaces. Plus, it's easy to operate.

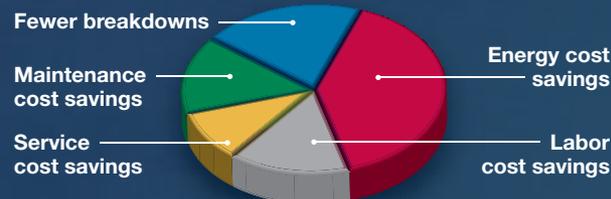
- BacTrac™ soft bottom bar – padded for safety; automatically reverses with the slightest touch of an object in the door opening.
- Wireless Safety System – eliminates coil cords plus the high maintenance costs and lengthy downtime associated with them.
- Optional SureGuard Light Curtain – 6-foot high field of infrared beams sense interruption and automatically reverse door to the open position.
- MCC VectorControl™ – early detection and faster repair; tells operators what's wrong and how to fix it.

### Lower total cost of ownership

The ThermaChill adds considerable value to your top and bottom line. You'll increase productivity, reduce energy loss, decrease maintenance and improve workflow.

For more information, visit [www.albanydoors.com](http://www.albanydoors.com) and see how the ThermaChill delivers climate control, safety, and reliability at speeds that no other conventional or high-speed cold storage door can.

### AVERAGE ANNUAL COST SAVINGS OF \$6,000



## ThermaChill Technical Information

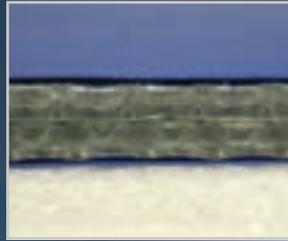
Opening and Closing Speeds	
Opening up to	130" per second
Closing up to	24" per second
Door Dimension	
Max. Height	14 ft (4,267mm)
Max. Width	10 ft. (3,048mm)
Min. Height	7 ft. (2,133mm)
Min. Width	3 ft. (914mm)
Safety Features	
Photo Eye	Standard
SureGuard Light Curtain	40 Infrared thru-beam optical sensors
Wireless Safety System	No coil cords
BacTrac Bottom Beam	Soft bottom bar has fail-safe electric safety edge
Door Panel	
Climatex	22oz composite vinyl panel sections hot welded with 2 layers of double reflective, heavy duty polyethylene air pocketed insulation
Door Components	
Side Frames	Low profile aluminum side frames
BacFlap Auto-Reset System	Door resets after impact
Sealing	Header and side frame double weather seals
Covers	Optional – roll and motor covers
Control and Drive System	
MCC VectorControl™	Variable frequency drive with soft start / soft stop and absolute encoder. 24V DC, UL listed
Input Voltage	208-240 V, 440-480 V, 575-600 V
Motor	Up to 3-Hp, 3 phase, 60 Hz, 20 amps
Limits Adjustment	At controller
Protection	IP-55

*We offer various options and actuation devices for all Albany High Speed Doors.*



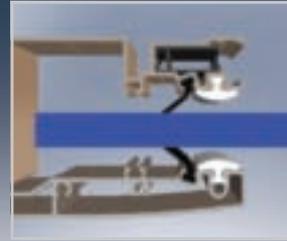
**BacFlap™ Auto-Reset System**

Automatically repairs itself after impact with the touch of a button.



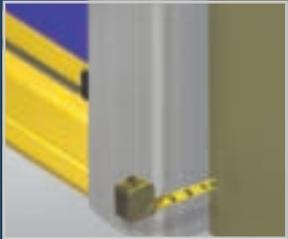
**Climatex Insulated Panel**

Two layers of vinyl material wrapped around heavy-duty polyethylene air-pocket insulation



**BacSeal Double Weather Seals**

Header and side frames seal when door is closed reducing energy loss and maintaining climate control.



**Low Profile Side Frames**

Project 3 1/2 inches from wall with 6-inch side clearance.



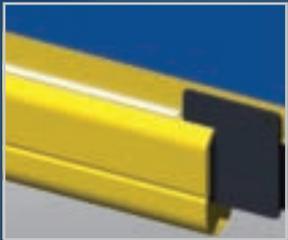
**SureGuard Safety Light Curtain**

6-foot high field of infrared beams sense interruption and automatically reverse door to the open position.



**MCC VectorControl™ with Wireless Safety System**

Boosts speed to up to 130" per second. Convenient digital display speeds trouble shooting; Coil-free Wireless Safety System eliminates costly repairs and downtime.



**BacTrack™ Soft Bottom Bar**

Significantly reduces injuries common with aluminum extrusions.





**Cold Storage**



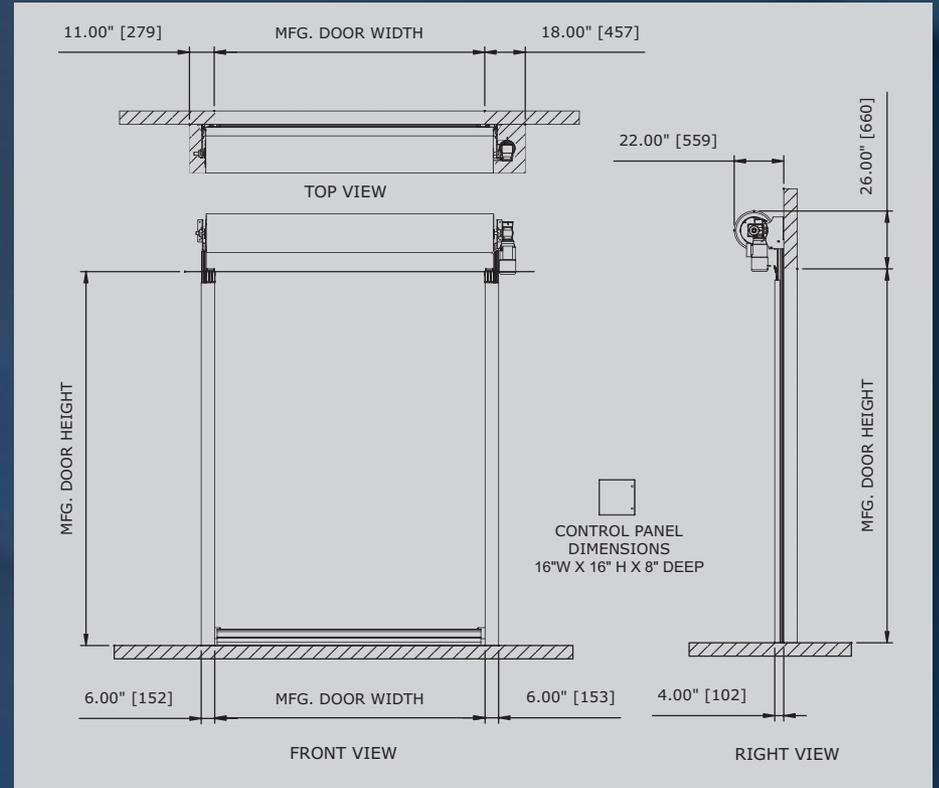
**Warehousing**



**Distribution**



**Cold Storage**



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