



# Cold Storage Focus

Fabric, rubber and insulated models  
for coolers, freezers, blast freezers and cold docks



# Hörmann High Performance Doors

Cold storage doors defined by Hörmann quality



## **Partner with a global leader**

As a global leader, Hörmann has 100 locations (factories and distribution) located in more than 40 countries, with more than 6,000 employees. For more than 75 years, the Hörmann Group continually strives to provide new and improved standards of quality and safety through implementing advanced door solutions to industry problems. This philosophy of excellence is evident every day through a dedication to innovation, quality and customer service.

## **Professional and dedicated support**

Our experienced and knowledgeable sales group, comprised of regional sales managers, inside sales coordinators and a staff architect, assist you through every step of the project; from the planning stage, through answering specification questions, up to project completion and beyond. Our technical and field support department is available 365 days a year, seven days a week, which means that we are never far away. Progressive product support such as our SmartControl M2M remote monitoring system and Service Support App for installers and service technicians are available only from Hörmann and exemplify our commitment to offering our customers the most advanced door technology available today.

## **Fast return on investment**

Fast operating speeds and highly insulated panels support energy savings. Other features such as variable frequency drive motor (soft start / soft stop), panel breakaway (fabric and rubber models), and self-reinserting panel minimize maintenance costs, providing a lower life cycle cost as compared to traditional sectional roll-up doors. Combining energy savings with lower maintenance costs and greater overall efficiency results in a timely return on investment. Ask your Hörmann door professional to complete a customized Energy Analysis Report for your application.

## High Performance Doors

### Cooler, freezer and food applications

#### TNR Chillfast

The Chillfast insulated high speed roll-up door system sustains temperature ranges suitable for cold rooms, chill rooms and freezers. Fast operating speeds minimize temperature loss in cold spaces by reducing the amount of time the door is open, for substantial savings in energy consumption.

The panel is made of 22 oz. reinforced vinyl exterior layers, dual reflective foil layers, sealed air bubble insulation with patented CutrainLoks™ and is resistant in extreme temperatures to -22°F. A heated soft bottom edge releases upon accidental impact and assists with sealing uneven floors. Modular extruded aluminum guide tracks are heated and corrosion resistant, and a pre-assembled thermal break layer minimizes air infiltration and reduces the chance for ice build-up.

The door is operated with a high-speed, 0.85 HP variable frequency direct-drive motor, for soft start / soft stop operation, minimal maintenance and low life cycle cost. Electric heater cables in hoods, guides and bottom bar have GFCI protection built into the control box which reduces the chance of electric shock and fire, ensuring safe and reliable operation. An optional heated air curtain effectively prevents ice build-up on components and walk-through areas.

#### SC 1400 SEL Cool-Master

This door is ideal for energy conscious, 24/7/365 applications in agricultural, medical and cold storage facilities. An advanced 3 mm thick gray foam panel material maintains flexibility in areas over +33° F and helps keep condensation to a minimum in cooler to ambient areas. A unique sectional panel design allows for easy panel replacement for minimal downtime.

#### SC 1400 SEL Food-Master

The Food-Master design allows the selection of the stainless steel options the application requires. Able to conform with all industry requirements, the following are available in stainless steel, making it possible to build a Food-Master door without paying for unnecessary options: Roll tube / hollow shaft, motor cover, guide tracks, control box and all hardware.



TNR Chillfast with insulated panel for performance to -22°F



Cool-Master with 3 mm foam panel for coolers over +33°F



Food-Master with stainless steel options for ambient areas

## High Performance Doors

### Blast cells, dock and ramp applications

#### TNR HDT Blast Cell Door

For peace-of-mind with maximum reliability in fast-paced, rugged blast cell door openings, choose the TNR HDT high performance rubber door. Process and maintenance engineers recognize the value of this product's durability and performance.

With an opening speed of 30 in/s, material handling is maximized. A knock-away bottom bar is impactable and quickly reinserted into the guide tracks following accidental impact. The frequency drive motor comes with a five-year warranty; our promise to you that this workhorse will deliver reliable performance for many years.

#### TNR HDD Dock Door

This basic, no-nonsense manually operated dock door provides reliable and consistent operation. A knock-away bottom bar is impactable and quickly reinserted into the guide tracks following accidental impact. A low-profile design fits into just about every application and allows for easy installation. Manual chain hoist / counterbalance operation (optional operator by others) is an affordable alternative to conventional sectional doors for loading dock openings.

#### Speed-Guardian™ 5000 Rigid Door for ramps to cold docks

The fast operating speeds of the Speed-Guardian™ high-speed rigid door optimizes work processes, significantly accelerates logistics processes, and reduces air exchange between controlled areas such as ramps leading to cold docks. Depending on the model, the door panel is guided into a circular bracket or into horizontal or vertical tracks. The sturdy steel sections have thermal breaks and are PU-foamed. As a result you benefit from excellent thermal values: with 1-5/8" (42 mm) thick panel R-value of 13.6 and U-value of 1.04, and minimized energy loss. For special applications that require additional energy efficiency, the Speed-Guardian™ with 2-5/8" (67 mm) thick sections is the first choice.

Our exclusive Duratec® window glazing guarantees maximum scratch resistance despite heavy use and cleaning. In addition to optional clear vision slats, all Speed-Guardian™ models have optional tinted / privacy vision slats available: Obscured White or Smoke Gray.



TNR HDT for blast cell openings provides outstanding performance in abusive environments



TNR HDD for rugged reliability in busy dock applications



Speed-Guardian™ 5000 high speed rigid door for efficiency and environmental control at ramp to cold dock locations

# Hörmann and TNR models

Ultimate door solutions for coolers, freezers, blast cell freezers, dock and ramp doors

## Features

= Standard   = Optional   - = Unavailable

Specifications	SC 1400 SEL Cool-Master	SC 1400 SEL Food-Master	TNR ChillFast Freezer Door	HDD Rubber Dock Door	HDT Rubber Blast Freezer Door	SG 5000 U 42
<b>Suitable application</b>	Interior / Cooler	Interior / Wash-Down	Interior / Freezer	Interior or exterior / Dock areas	Interior or exterior / Blast cells	Interior or exterior / Ramps
<b>Max. width</b>	14'0"	14'0"	13'0"	10'0"	47'0"	21'4"
<b>Max. height</b>	16'0"	16'0"	18'6"	12'0"	35'0"	21'4"
<b>Max. opening speed (in/s)</b>	80	80	108	-	12	80
<b>Closing speed (in/s)</b>	30	30	36	-	12	20
<b>Minimum headroom required</b>	17-1/4" (without hood)	17-1/4" (without hood)	37"	19"	25"	36-3/8"
<b>Panel</b>						
<b>Windlocks</b>	-	-	-	Curtain Lok™	Traveling windbar up to 30 ft.	-
<b>Aluminum profile</b>			-	-	-	-
<b>Welded with spring steel profile</b>			-	-	-	-
<b>Temperature rating of curtain</b>	To +33° F	40 oz. material: To -22°F 90 oz. material: to - 4°F	To -22°F	To -40°F	To -55°F	Consult factory
<b>Resistance to wind load - Panel in closed position - In-plant only</b>	Consult factory	Consult factory	3 psf	Consult factory	Consult factory	Consult factory
<b>Breakaway</b>						-
<b>Material</b>	1/8" thick (3 mm)	Standard: 40 oz. / sq. yd. white Optional: 90 oz. / sq. yd. white	1/2" thick 22 oz. / sq. yd. reinforced vinyl with dual reflective foil layers sealed air bubble core insulation	1/4" SBR rubber	EPDM Rubber	1-5/8" thick x 10" high galvanized steel slats
<b>Thermal insulation</b> U-value (metric) in W/(m²·K) U-value (imperial) in BTU/(h·ft²·°F)	Consult factory	Consult factory	Consult factory	Consult factory	Consult factory	1.04 0.18
<b>Colors</b>	Gray	White	Blue	Black	Gray or blue	RAL 9006 on both sides of slats Custom RAL colors available
<b>Vision</b>		40 oz. panel - 90 oz. panel	-	Optional windows 16" x 16" Maximum (1) every 5 ft. of width	Optional windows 16" x 16" Maximum (1) every 5 ft. of width	Clear, tinted, ventilated
<b>Construction</b>						
<b>Hood - Galvanized steel</b> <b>Hood - Stainless steel</b>			Standard: White lacquer finish with heater. Galvanized and stainless are options.	- -	- -	- -
<b>Guide Tracks</b>	Standard: Galvanized steel Optional: Stainless steel	Standard: Galvanized steel Optional: Stainless steel	Modular extruded anodized aluminum UHMW-PE wear strips.	Self-supporting steel angles, aluminum NEWGEN® guides	Self-supporting steel angles, aluminum NEWGEN® guides	Galvanized steel, circular guide with chain and springs Track dimensions: 13" w X 12" proj. Optional: horizontal, vertical, low headroom
<b>Protection device</b>	Light grid	Light grid	Heated soft bottom edge with coil cord, pressure sensitive reversing edge. Guide-mounted photoeyes.	Pressure sensitive reversing edge with coil cord - Upgrade	Wireless reversing edge Model HDXL 6: Thru-beam photocells Model HDXL 9: Constant pressure to close	Light grid
<b>Operation</b>						
<b>Drive</b>	Direct drive - Springless	Direct drive - Springless	Direct drive - Springless	Manual chain hoist Direct may be added by others	Counterbalance 50K cycle spring	Direct drive
<b>Electrical requirements</b>	3-phase 208 v to 575 v	3-phase 208 v to 575 v	3-phase 208 v to 575 v	-	3-phase 208 v to 575 v	Standard: 3-phase 208 v to 575 v Optional: 1-phase 230 v Optional: Step-up transformer
<b>Control Box</b>	Standard: Smart Start™ NXT NEMA 4X Optional: HFCB NEMA 3 Smart Start™ NXT (1-phase, 230 v only)	Standard: Smart Start™ NXT NEMA 4X Optional: HFCB NEMA 3 Smart Start™ NXT (1-phase, 230 v only)	NEMA 4X with e-stop, door control buttons, plug-and-play connectors	-	NEMA 4 PLC and inverter drive, soft start / soft stop	Standard: Smart Start™ NXT NEMA 4X Optional: HFCB NEMA 3 Smart Start™ with 1-phase NXT (1-phase, 230 v only)
<b>Emergency opening</b>						
<b>Hand crank</b>				-	-	-
<b>Chain hoist</b>				-	-	-
<b>UPS Emergency Battery Pack (With HFCB control box only)</b>				-	-	-
<b>Warranty</b>						
<b>Warranty</b>	5 & 2 Year: 5 years motor/gearbox & panel material 2 years mechanical & electrical 1 year labor	5 & 2 Year: 5 years motor/gearbox & panel material 2 years mechanical & electrical 1 year labor	5 years on motor/gearbox 1 year on vinyl panel	Limited lifetime on NEWGEN® Guide & Curtain Lok™ & curtain	Limited lifetime on NEWGEN® Guide & Curtain Lok™ & curtain 5 years on motor/gearbox	5 & 7 Year: 5 years motor/gearbox 2 years mechanical & electrical 7 years on vision slats against failure 1 year labor

Everything you've always wanted in a high performance door, and more

**HÖRMANN**

German Engineered, American Made

Our promise to you.

As one of the world's leading manufacturers of doors, we're committed to providing the best quality, value, and selection. Whether industrial or commercial, retail automotive, parking garages, transit,

waste management, fire stations or food processing, we have the door you're looking for. The Hörmann product line has a door for any application, from one manufacturer.



Hörmann High Performance Doors, Burgettstown, PA  
High Performance Doors



TNR Industrial Doors, Barrie, ON, Canada  
High Performance Doors



Visit our website for more information!

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