

# Product Data Sheet

Speed-Commander™ 1400 SEL<sup>19</sup> Cool-Master  
SoftEdge Light Curtain 2019 for Cooler-to-Ambient Conditions

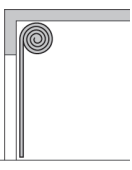


## Features



Speed-Commander™ 1400 SEL<sup>19</sup> Cool-Master high speed flexible door with insulated foam curtain.

- Smart Start™ NXT, NEMA 4X programmable control box available with 304 stainless steel enclosure.
- Speed: Up to 80"/sec. open, 30"/sec. close.
- Patented, self-repairing design, able to re-align displaced panels into guide tracks.
- Space saving 6" Wide x 3 1/2" Projection compact side frames with dual rubber seal.
- Features non-contact light grid protection.
- Tough, condensation resistant PolyMar™ foam curtain panels.
- Available full-width clear PVC vision area.
- Panel Color: Gray.
- Curtain reinforced with full-length aluminum panel connectors, or light-weight spring steel wind bars (optional).
- Best-in-class 5 & 2 year warranty. 5 years motor & curtain. 2 years all other mech/electrical components.

Technical Data		Remark	
<b>Speed-Commander™ 1400 SEL<sup>19</sup> Cool-Master</b> Flexible, high performance overhead rapid coiling door with foam-insulated curtain.		<b>Specify High Performance Doors in Section 08 33 30.13 'Overhead Rapid Coiling Doors'</b> Find CSI format documents available at MasterSpec®, SpecLink, and Hormann.us®	
Application		Interior Only (Warm side recommended)	
Speed		Opening	Closing
		Up to 80"/sec.	Up to 30"/sec.
Control Box		Smart Start™ NXT (11 5/8" W x 15 3/4" H x 8 1/2" D)	
Roll-up Technology		Hollow-core steel roll tube with precision-welded axles	
Door Construction  Overhead Coiling	Size Range	Min. 4'-0" up-to 14'-0" wide Min. 4'-0" up-to 16'-0" high	
	Guide Track Profile	6" x 3 1/2"	
	Roll Tube Diameter	6 1/4"	
	Vision Panel(s) Height	36" High, 3/32" Thick	
	Required Headroom	17 1/4" min.	
Drive Mechanism		Direct-drive operator keyed to Roll Tube	
Counterbalance System		Not Required	
Braking		Control box activated 24V DC brake	
Cycleability / Maintenance		High Cycleability Inspect at 6 mo. intervals	
Safety Features		Integrated in-line light grid, hand crank open/close	
Resistance to Wind Load (Interior Only)		Up to 1.60 psf; Wind Load Class 0; 25 mph	
Fire Resistance Rating		Non-rated, Non-conforming exit	
Warranty		5 & 2 years. Motor/gearbox and Panels (5), all other mech./elec. (2)	
<b>Materials and Finishes</b>			
Guide Tracks & Covers		12-ga. HDG steel tracks	
Door Header Assembly, Roll Tube		5 mm Hot-dipped galvanized steel	
Weather Seals		Twin black TPE rubber edge, jambs and lintel	
Panel Connectors		Clear Anodized Extruded Aluminum Profiles	
Solid Door Panels (Standard)		Abrasion resistant, "PolyMar™ Polyfoam 3 Type" PVC-sandwiched foam sheet, 3.0 mm Thick, 38.3 oz./yd <sup>2</sup>	
		Color Availability: RAL 7038, Agate Gray Consult Factory for other curtain colors and materials.	

# Product Data Sheet (Continued)

Speed-Commander™ 1400 SEL<sup>19</sup> Cool-Master  
SoftEdge Light Curtain 2019 for Cooler-to-Ambient Conditions



Materials and Finishes (Continued)		Remark
Vision Door Panel (Standard)	Transparent PVC sheet, 2.8 mm Thick	Color Availability: Clear
Bottom Bar	Soft Edge Bottom Bar with spring steel reinforcing	Optional Clear Anodized Extruded Aluminum available.
Electric Door Operator	Cast aluminum	304 Stainless Steel optional
Control Panel	Standard: Baked-on polyester powder coat paint. Color RAL 7035 Light Gray	304 Stainless Steel optional
Hood and Motor Cover (optional)	14-ga. Hot-dipped galvanized steel	Zinc, Class G90 (16-ga. 304 Stainless Steel optional)
Energy Analysis		
Visible Transmittance (Tvis)	0.83%	Per calc ANSI/NFRC 200-2014 (Vision Panels)
Thermal Resistance (R-value)	R 1.43 (ft <sup>2</sup> x°F x hr)/BTU	Per test EN 717-1, DASMA TDS-163 (Without Visions)
Heat Transfer Coefficient (U-value)	U 0.7 BTU/(ft <sup>2</sup> x°F x hr)	Per test EN 12667: 199997-11, DASMA TDS-105
Acoustic Insulation	R <sub>w</sub> 17 dB	Per test EN 717-2, ASTM E90 (Without Visions)
LEED Credit (Potential)	EAc2, MRc1, MRc3, IEQc2, IEQc4, INc1, RPc1	USGBC® LEED v4
Electrical		
Electric Door Operator (Motor)	2.0 HP GfA Elektromaten F15	NEMA Type 3 / IP54
Operating Voltage (Motor)	132vAC, 3 PH	From Control Box to Motor
Control Box	“Feig” 5 KW variable frequency drive rated for operating voltage	NEMA Type 4X / IP66, UL/CUL Listed
Standard Power Requirement (to Control Box)	230 vAC, 1 PH or 208vAC* - 575 vAC*, 3 PH, 60 Hz	*Buck-Boost Transformer may be req. at voltage limits
Full Load Amps	13.3 A	Operator
Disconnect	Fuse: 20 Amp, Class K	Service to Control Box. Supplied by Others

### State-of-the-Art Integrated Safety

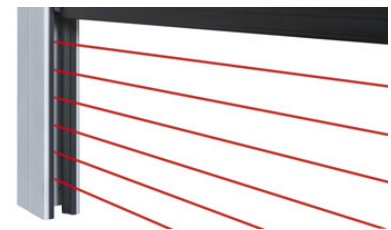
Speed-Commander™ 1400 SEL<sup>19</sup> Cool-Master High-Performance doors have an advanced 3 mm thick foam panel material that maintains flexibility in a wide range of temperatures while inhibiting condensation in cooler-to-ambient areas. The unique Hörmann sectional panel configuration ensures a cost-effective solution over the lifetime of the product.

### Compact Design

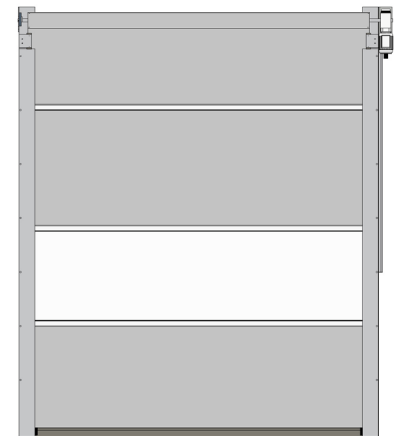
Heavy-duty, low-profile side frames of just 6” wide x 3 ½” projection enable the 1400 SEL<sup>19</sup> Cool-Master to fit easily into compact areas. Innovative SoftEdge gate technology avoids damage to the door while the patented self-repairing curtain design is able to re-align displaced panels into guide tracks eliminating downtime.

### 304 Grade Stainless Steel Options for the Highest Demands

The Speed-Commander™ 1400 SEL<sup>19</sup> Food-Master offers freedom of configuration to meet the exact options you require, without risk of unnecessary costs. Stainless steel optional components include the Roll Tube, Hood and Motor Enclosure, Jamb Guide Tracks, and all Hardware.



State-of-the-art light curtain entrapment safety protection standard.



Speed-Commander™ 1400 SEL<sup>19</sup> Cool-Master High-Performance flexible doors can provide excellent reliability and fast opening speeds.

Find us in  
**MasterSpec**  
a product of The American Institute of Architects

Our products are specified in  
**SpecLink**  
www.bsdspeclink.com

AIA  
Continuing  
Education  
Provider

**BOMA**  
International

Member  
**DASMA**  
Door & Access  
Systems  
Association

Member  
**IDA**  
International Door Association

USGBC  
MEMBER

Hörmann Flexon, LLC | Starpointe Business Park | 117 Starpointe Boulevard | Burgettstown, PA 15021-9506  
1-800-365-3667 | 724-385-9150 | Fax: 724-385-9151 | www.hormann.us | Email: info2@hormann.us