

Product Data Sheet

Speed-Commander™ 1400 SEL¹⁹ Clean-Master 20 Pa
Flexible High Speed Door with Enhanced Environmental Control

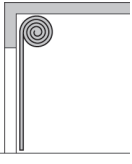


Features



Speed-Commander™ 1400 SEL¹⁹ Clean-Master 20 Pa high speed flexible door in blue with vision panel and aluminum bottom bar (standard).

- Smart Start™ NXT, NEMA 4X programmable control box available with 304 stainless steel enclosure.
- Speed: Up to 80"/sec. open, 30"/sec. close.
- Extruded Aluminum Bottom Profile, offered standard.
- Optional 304 Stainless Steel components.
- Space saving 6" Wide x 3 1/2" Projection compact side frames with dual vinyl seals.
- Features non-contact light grid protection.
- Tough, 2-ply reinforced puncture resistant Commander™ fabric curtain panels.
- 1 Standard full-width clear PVC vision area.
- Panel Colors: White, Yellow, Orange, Red, Blue, Gray.
- Curtain reinforced with full-length aluminum panel connectors, light-weight spring steel wind bars (optional).
- Best-in-class 5 & 2 year warranty.

Technical Data		Remark	
Speed-Commander™ 1400 SEL ¹⁹ Clean-Master 20 Pa Flexible, high performance overhead rapid coiling door with enhancements for sensitive environmental control.		Specify High Performance Doors in Section 08 33 30.13 'Overhead Rapid Coiling Doors' Find CSI format documents available at MasterSpec®, SpecLink, and Hormann.us®	
Application		Interior Hood required for low clearance doors	
Speed	Opening	Closing	Variable speed based on opening height
	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) Standard, NEMA Type 4X rated SmartControl M2M activation optional	
Roll-up Technology		Hollow-core steel roll tube with precision-welded axles Standard Galv. (optional Stainless Steel)	
 Overhead Coiling	Size Range	Min. 4'-0" up-to 10'-0" wide Min. 4'-0" up-to 10'-0" high Standard	
	Guide Track Profile	6" x 3 1/2" (W x D)	
	Roll Tube Diameter	6 1/4" 6" for 304 stainless steel	
	Solid Panel(s) Height	47 1/4" High, 1/8" Thick --	
	Vision Panel(s) Height	36" High, 1/8" Thick Begins at 52" above finished floor	
	Required Headroom	17 1/4" min. Headroom to increase with optional hood	
Drive Mechanism		Direct-drive operator keyed to Roll Tube --	
Counterbalance System		Not Required --	
Braking		Control box activated 24V DC brake Standard	
Cycleability / Maintenance		High Cycleability Inspect at 6 mo. intervals Consult factory for details	
Safety Features		Integrated in-line light grid, hand crank open/close Optional Chain Hoist Available	
Resistance to Wind Load (Interior Only)		Up to 1.60 psf; Wind Load Class 0; 25 mph Per standard EN 12424, DASMA 108	
Fire Resistance Rating		Non-rated, Non-conforming exit Per 2012 IBC Section 1008	
Warranty		5 & 2 years. Motor/gearbox and Panels (5), all other mech./elec. (2) Standard	
Materials and Finishes			
Guide Tracks & Covers		12-ga. HDG steel tracks Zinc, Class G90 (Stainless Steel 304 optional)	
Door Header Assembly, Roll Tube		5 mm Hot-dipped galvanized steel Zinc, Class G90 (3 mm Stainless Steel 304 optional)	
Weather Seals		Dual white vinyl jamb seals. Vinyl loop lintel seal. Jambs: White / Lintel: Black	
Panel Connectors		Clear Anodized Extruded Aluminum Profiles Standard	

Product Data Sheet (Continued)

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Materials and Finishes (Continued)			Remark
Solid Door Panels: (Standard)	58 Oz. White Fabric with Aluminum Panel Connectors	White Abrasion resistant, 2-ply poly-reinforced "Commander™" PVC sheet, 1.4 mm Thick, 58 oz./yd ²	Optional Color Availability: Yellow, Orange, Red, Blue, Gray, (58 oz./yd ²)
Vision Door Panels: (Standard)	Full-Width Continuous	Abrasion resistant, transparent PVC sheet, 2.8 mm Thick	Color Availability: Clear
Bottom Bar		Clear Anodized Extruded Aluminum Profile	Optional Soft Edge Bottom Bar with spring steel reinforcing 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)		0.80%	Per calc ANSI/NFRC 200-2014 (Clear Vision Panels)
Acoustic Insulation		STC 35, R _w 35 dB	Per test EN 717-2, ASTM E90 (Without Visions)
LEED Credit		EAc2, MRc1, MRc3, IEQc2, IEQc4, INc1, RPr1	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		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 SEL¹⁹ Clean Master 20 Pa High-Performance doors are ideal for tightly sealing doorways to prevent air movement, and fast opening speeds of 80 inches per second increasing protection from contamination between two areas.

Compact Design

Heavy-duty, low-profile side frames of just 6" wide x 3 1/2" projection enable the 1400 SEL¹⁹ Clean Master 20 Pa 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.

Optional Uninterrupted Power Supply

A special UPS emergency battery pack is an option that provides peace-of-mind in case of a power failure. If power is lost to the door, the UPS emergency battery pack (Non-UL) automatically opens the door once to allow personnel to quickly exit the area. This low maintenance design is free of springs, counterbalance systems and other high maintenance parts that are typically required for emergency opening. When the battery is low, an alarm sounds to signal time for a replacement. Replacing the battery is a simple process that takes just a few minutes. This option is only available with doors equipped with our 230 v / 1-phase control box.



Speed-Commander™ 1400 SEL¹⁹ Clean Master 20 Pa with in-line light curtain for occupant safety at the plane of the door opening.

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