

Product Data Sheet

SC 1400 SEL19 Food-Master
SoftEdge Light Curtain 2019 with Sanitary Compliance Features



Speed-Commander™ 1400 SEL19 Food-Master high speed flexible door in white with optional 304 stainless steel finishes.

- Smart Start™ NXT, NEMA 4X programmable control box available with 304 stainless steel enclosure
- Speed: Up to 80 in/sec. open, 30 in/sec. close
- Patented, self-repairing design, able to realign displaced panels into guide tracks
- Space saving 6 in wide x 3 1/2 in projection compact side frames with dual vinyl seal
- Features non-contact light grid protection
- Available one-piece welded fabric curtain
- 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 available in FDA compliant white fabric
- Best-in-class 5 & 2 year warranty. 5 years motor & curtain. 2 years all other mechanical/electrical components

Technical Data	Imperial	Metric	Remark
Application	Interior Only		Hood required for low clearance doors
Speed	Opening up to 80 in/s Closing up to 30 in/s	Opening up to 2.03 m/s Closing up to 0.76 m/s	Variable speed based on opening height
Control Panel	Smart Start™ NXT W x H x D (in) 11 1/4 x 15 3/4 x 8 1/2		Standard, NEMA Type 4X rated
Roll-up Technology	Hollow-core steel roll tube with precision-welded axles		Standard Galv. (optional Stainless Steel)
Door Construction	Overhead Coiling		
Size Range	Width 4 ft 0 in up to 14 ft 0 in Height 4 ft 0 in up to 16 ft 0 in	Width 1.22 m up to 4.27 m Height 1.22 m up to 4.88 m	Consult Factory for Additional Sizing Info. One-Piece Welded Fabric available up to 10 ft wide
Guide Track Profile	-		(W x D)
Roll Tube Diameter	6 1/4"	159 mm	6" (152 mm) for 304 stainless steel
Visible Material Height (Window Size)	W x D (in) 36 x 32	W x D (mm) 914 x 2	Begins at 52" (1.32 m) above finished floor
Required Headroom	17 1/4" min.	438 mm min.	Headroom to increase with optional hood
Drive Mechanics	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 (Max per Door Width)	Up to 1.60 psf; Wind Load Class 0; 25 mph	Up to 9kg/m ² ; Wind Load Class 0; 11 m/s	Per standard EN 12424, DASMA 108
Fire Resistance Rating (Behavior)	Non-rated, Non-conforming exit		Per 2012 IBC Section 1008
Manufacturer Warranty	5 & 2 years. Motor / gearbox and Panels (5), all other mech. /elec. (2)		Standard

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Materials & Finishes	Description	Remark
Guide Tracks, Covers & Guards (Guides)	12-ga. HDG steel tracks	Zinc, Class G90 (Stainless Steel 304 optional)
Door Headers, Spiral Guides, Drive Shaft Support	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.	Jamb: White / Lintel: Black
Solid Door Slats (Panels)	*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 **58 Oz. Welded Fabric (Spring Steel Reinforced Pockets) Welded Fabric, 2-ply poly-reinforced "Commander™" PVC sheet, 1.4 mm Thick, 58 oz./yd2 ***94 Oz. One-Piece Fabric (Seamless or with Vision) (Food-Grade FDA '21CFR') 2-ply poly-reinforced PVC sheet, 2.6 mm Thick, 94 oz./yd2	* (Standard) Optional Color Availability: Yellow, Orange, Red, Blue, Gray, (FDA Compliant) (58 oz./yd²) ** Optional Color Availability: White, Yellow, Orange, Red, Blue, Gray, (FDA Compliant) (58 oz./yd²) *** Optional Color Availability: White, Blue, (FDA Approved) Consult Factory for Other Colors (94 oz./yd²)
Vision Door Slats (Panels)	Transparent PVC sheet, 2.0 mm Thick	Color Availability: Clear Full-Width Continuous (Food-Grade FDA '21CFR')
Ventilated Door Slats (Panels) (Screen)	Vinyl coated 1000 density polyester core yarn in warp and fill. 0.6 mm Thick, 10.4 oz./yd2	Ventilation panel frame, extruded anod. aluminum Fabric Openness 46.9% Full-Width Continuous Removable Screen Panel
Bottom Profile (Bar) Door Slat	Soft Edge Bottom Bar with spring steel reinforcing	Optional Clear Anodized Extruded Aluminum available.
Panel Connectors (Hinges)	Clear Anodized Extruded Aluminum Profile	Standard (Single-piece Welded Panel Optional)
Electric Door Operator	Cast aluminum	With optional stainless steel shaft, the bearing at the center of the gearbox is also stainless steel.
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	Imperial	Metric
Visible Transmittance	0.8	Per calc ANSI / NFRC 200-2014 (Clear Vision Panels)
Acoustic Insulation	STC 35, Rw 35 Db	Per test EN 717-2, ASTM E90
LEED Credit (Potential)	EAc2; Optimize Energy Performance (20 pts) MRc2; Environmental Product Declarations (2 pts) IEQc2; Low-Emitting Materials (3 pts) IEQc4; Thermal Comfort (1 pt) INc1; Innovation (5 pts) RPc1; Regional Priority Specific Credit (1 pt)	USGBC® LEED v4
Electrical	Description	Remark
Electric Door Operator	2.0 HP GfA Elektromaten F15	NEMA Type 3 / IP54
Operating Voltage (Motor)	132vAC, 3 PH	From Control Box to Motor
Control Panel	"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	*Transformer may be required at voltage limits
Full Load Amps	13.3 A	Operator
Disconnect	Fuse: 20 Amp, Class K	Service to Control Box. Supplied by Others



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