ESA 300
Automatic sliding door

Description

The ESA300 is an extruded aluminum stile and rail door designed for interior and exterior applications where full breakout of sliding panels and sidelites is required. Recommended for standard and commercial openings, such as retail, lodging, transportation terminals and institutional applications. Full breakout provides enhanced egress capacity. Available with narrow or medium stiles, and compatible with a variety of performance glass options.
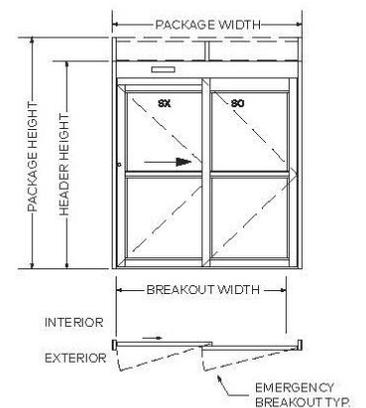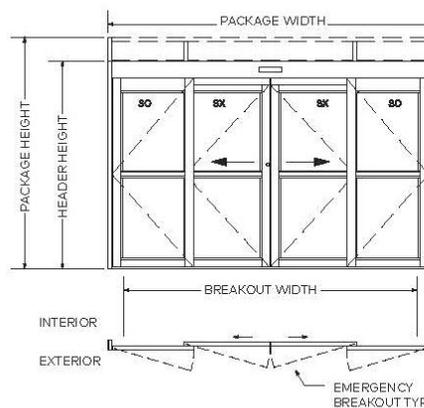
Factsheet

Telescopic packages not shown.

ESA300 Technical specifications

Configuration

Standard finishes	Clear or Dark Bronze Anodized
Package height	up to 10'-0" (120")
Package height w/transom	up to 12'0" (144")
Package width	[Single slide up to 9'-0"] (108") [Single slide telescopic up to 12'0"] (144")
	[Bi-part slide up to 16'-0"] (192") [Bi-part telescopic up to 16'0"] (192")
Door panels	2-5/8" Narrow stile [Including 3/4" wide glass stop] 3-1/4" Muntin mounted at 41.75" [Including 3/4" wide glass stop] 4" Bottom rail [Including 3/4" wide Glass stop]
Jamb tubes	1-3/4" × 4-1/2" smooth or double pocket

Features

Vertical transom mullion	One (1-3/4" × 4-1/2")
Threshold	Recessed or surface mounted
Weather stripping	Brush
Glass stops	1/4" In door panels & transom

Bi-parting narrow stile

	Minimum	Maximum
Overall frame width	8'-6"	16'
Rough opening width	12'- 6 1/2"	16'-1/2"
Clear slide opening	80 1/8"	84-5/8"
Header height	7' 4-1/2"	10'
Rough opening height	7' - 5"	10' - 1/2"
Transom height	8"	24"

Bi-parting telescopic

	Minimum	Maximum
Overall frame width	12'-6"	16'
Rough opening width	12'- 6 1/2"	16'-1/2"
Clear slide opening	80 1/8"	108"
Header height	7' 4-1/2"	10'
Rough opening height	7'-5"	10'-1/2"
Transom height	8"	24"

Power

Power supply	120 V +/- 10% 50/60 Hz
Internal power supply available for accessories	27 V DC / 2 A
Fuse	6.6 A not exchangeable
Power consumption	250 W (Max)

Safety and security

Lock	Maximum security two-point mortise lock
Sensors	Two combination motion/presence sensors
Controller	Self-learning & self-monitoring microprocessor controller
Jamb mounted rocker switch panel	Auto-off – hold open Two way traffic – exit only Full open – partial open

Single slide narrow stile

	Minimum	Maximum
Overall frame width	6'-6"	9'
Rough opening width	6' - 6 1/2"	9' - 1/2"
Clear slide opening	32 7/16"	47-7/16"
Header height	7' 4-1/2"	10'
Rough opening height	7' - 5"	10'-1/2"
Transom height	8"	24"

Single slide telescopic

	Minimum	Maximum
Overall frame width	6'-6"	12'
Rough opening width	6'- 6 1/2"	12'-1/2"
Clear slide opening	40 9/16"	84 - 9/16"
Header height	7' 4-1/2"	10'
Rough opening height	7'-5"	10'-1/2"
Transom height	8"	24"

ESA300 Technical specifications

1. ANSI 156.10, ANSI A117.1
2. UL 325 compliant
3. ICC/IBC - International Building Code
4. CUL – Approved for use in Canada
5. NFPA 70 - National Electrical Code
6. NFPA 101 - Life Safety Code

Activation

Knowing act/Manual activation
1. Push or wave plates to activate door
2. Two combination motion/presence sensors

Any questions? We would be happy to advise you.

Contact us at: 800.523.8483