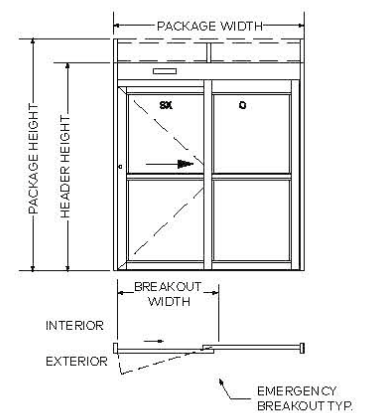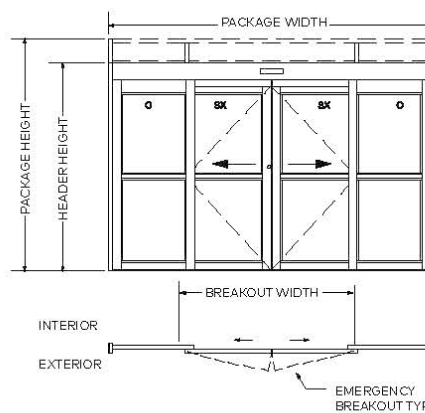# ESA 200
Automatic sliding door

Standard ESA Features

- Meets ANSI/BHMA A156.10 American National Standard for Power Operated Pedestrian Doors
- Heavy-duty Delrin® rollers
- Fully monitored overhead presence and activation sensors
- Security interface
- Low maintenance
- High traffic volume
- Adjustable astragal

Description

The ESA200 is an extruded aluminum stile and rail door designed for interior and exterior applications where partial breakout of sliding panels only is required. Recommended for large opening applications, reduced air infiltration allows handling of windy conditions. Available with narrow or medium stiles, and compatible with a variety of performance glass options.

Factsheet

Telescopic packages not shown.

ESA200 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	Surface mounted
Weather stripping	Brush
Glass stops	1/4" In door panels & transom

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

Bi-parting narrow stile

	Minimum	Maximum
Overall frame width	8'-6"	16'
Rough opening width	9' - 6 1/2"	16 1/2"
Clear slide opening	42 5/8"	84-5/8"
Header height	7' 4-1/2"	10'
Rough opening height	7' - 5"	10' - 1/2"
Transom height	8"	24"

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"

Bi-parting telescopic

	Minimum	Maximum
Overall frame width	13'	16'
Rough opening width	13'-1/2"	16'-1/2"
Clear slide opening	84"	108"
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	7'	12'
Rough opening width	7'-1/2"	12'-1/2"
Clear slide opening	44'-11/16"	84-11/16"
Header height	7' 4-1/2"	10'
Rough opening height	7'-5"	10'-1/2"
Transom height	8"	24"

ESA200 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