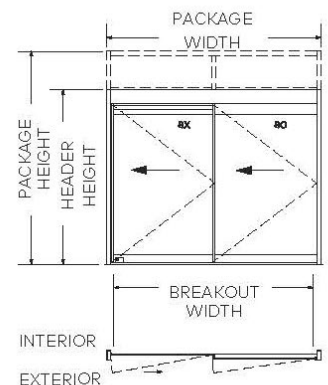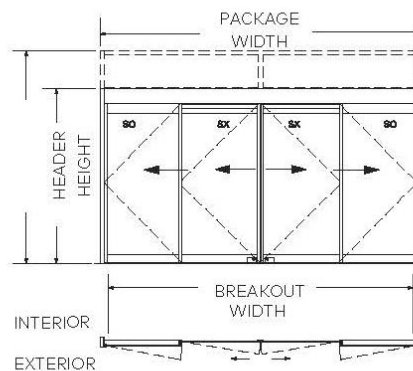# ESA 400
Automatic sliding door

Standard 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
- Dual vertical weather sweeps
- Factory-glazed 3/8" tempered glass

Description

The ESA400 is a fine frame automatic sliding door designed for interior and exterior applications where full breakout of sliding panels and sidelites is required. Elegant and upscale, it is the perfect marriage of form and functionality. Recommended for standard openings for office and apartment building applications. Full breakout provides enhanced egress capacity with an all glass look.

Factsheet

Telescopic packages not shown.

ESA400 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 8'-0"] (96") [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	Fine frame
	Factory-glazed with 3/8" tempered glass
	3-7/16" Bottom rails
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

Bi-parting narrow stile

	Minimum	Maximum
Overall frame width	9'	16'
Rough opening width	9' - 1/2"	16'-1/2"
Clear slide opening	49 -1/16"	91-1/16"
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	12'-6"	16'
Rough opening width	12'- 6 1/2"	16'-1/2"
Clear slide opening	93 1/8"	121-1/8"
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"	8'
Rough opening width	6' - 6 1/2"	8' - 1/2"
Clear slide opening	35-11/16"	44-11/16"
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	7'-1/2"	12'-1/2"
Clear slide opening	51-1/4"	91-1/4"
Header height	7' 4-1/2"	10'
Rough opening height	7'-5"	10'-1/2"
Transom height	8"	24"

ESA400 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

EPD THIRD-PARTY VERIFIED
ISO 14025 and EN 15804

Institut Bauen und Umwelt e.V.

Any questions? We would be happy to advise you.

Contact us at: 800.523.8483