

ACCESS, REIMAGINED.

PRODUCT CATALOGUE

AUTOMATIC DOORS

Automatic Door Systems for Effortless Comfort and Elegance



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India Ltd.

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Entrances Engineered for Sophistication & Safety

At Hectafine, we believe that the entrance to any space should reflect the same sophistication, safety, and functionality as the environment it leads to. Our Automatic Door Systems are designed to offer a smooth, silent, and secure experience — whether it's a modern office, a luxury residence, or a high-traffic commercial space.

Engineered for reliability and built to impress, Hectafine's automatic doors integrate advanced technology with refined design. From sensor-based sliding systems to touchless access control, every solution is tailored to enhance ease, accessibility, and visual harmony. With a wide range of design options, frame finishes, and configurations, Hectafine's automatic doors are a perfect blend of form and function — crafted for the architecture of today and tomorrow.

Seamless Operation

**Smart Access Control
Compatibility**

**Sleek, Minimal
Aesthetics**

**Energy-Efficient
Performance**

**Safety-Optimized
Mechanisms**

Long-Term Reliability



GLOBAL TECHNOLOGY PARTNERSHIPS



Hectafine has partnered with Deuschtec (Germany) since 2017 and more recently with NABCO, bringing internationally certified automatic door engineering to every project we deliver in India.



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Ready to redefine your spaces with elegance and durability?

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CATEGORY 01

Automatic Sliding Doors

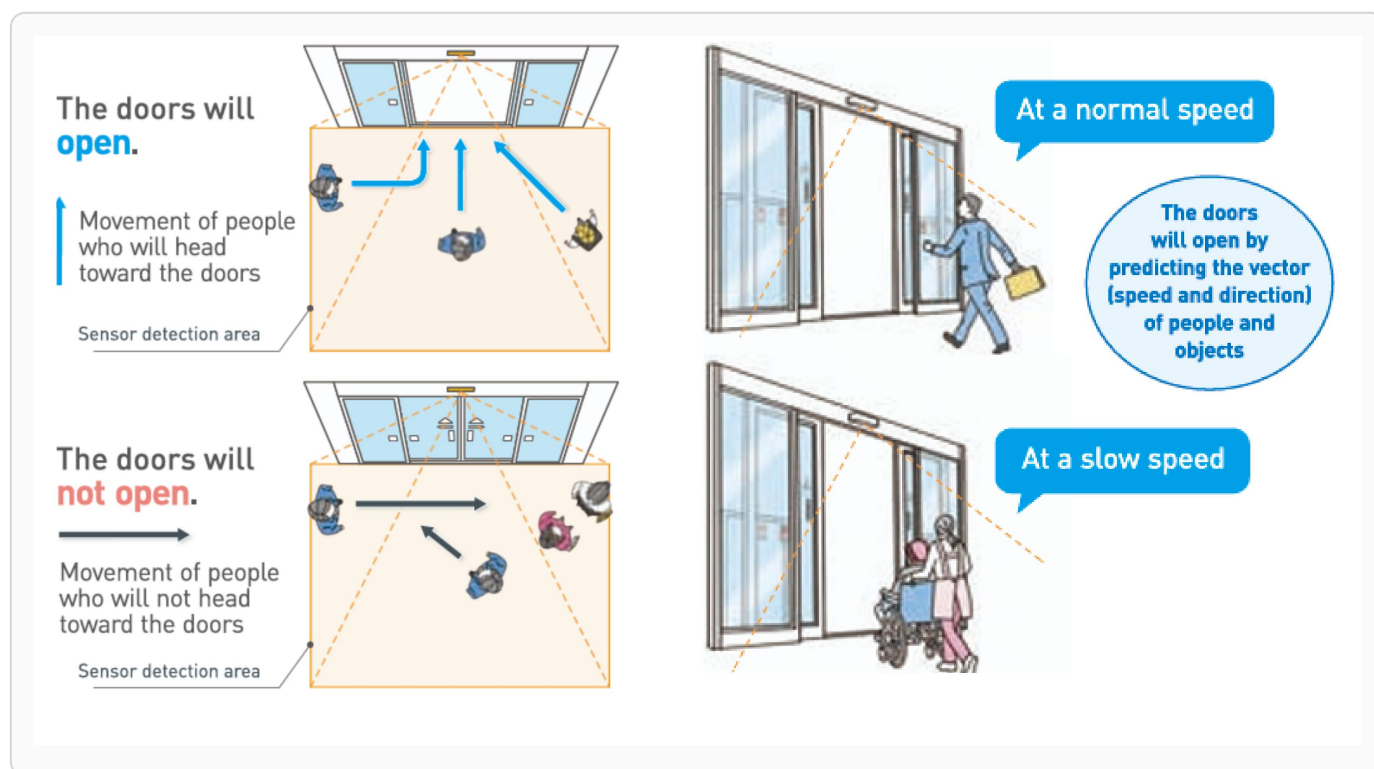
Automatic sliding doors are versatile entrance systems that provide smooth, touch-free access while improving convenience, safety, and energy efficiency. Their space-saving design and reliable operation make them ideal for areas with high pedestrian traffic and frequent use.

Types Covered In This Range

- ✓ Light Weight Sliding Door
- ✓ Heavy Duty / Reinforced Sliding Door
- ✓ Slim Sliding Door
- ✓ Sliding Breakout Door
- ✓ Curved / Circular Sliding Door

Advantages

- ✓ Space-saving design, no swing radius required
- ✓ Smooth, hands-free operation for high-footfall entrances
- ✓ Energy-efficient; quick cycles reduce AC/heating loss
- ✓ Enhances accessibility for elderly, disabled & trolley movement
- ✓ Sleek, modern aesthetic for corporate & retail facades



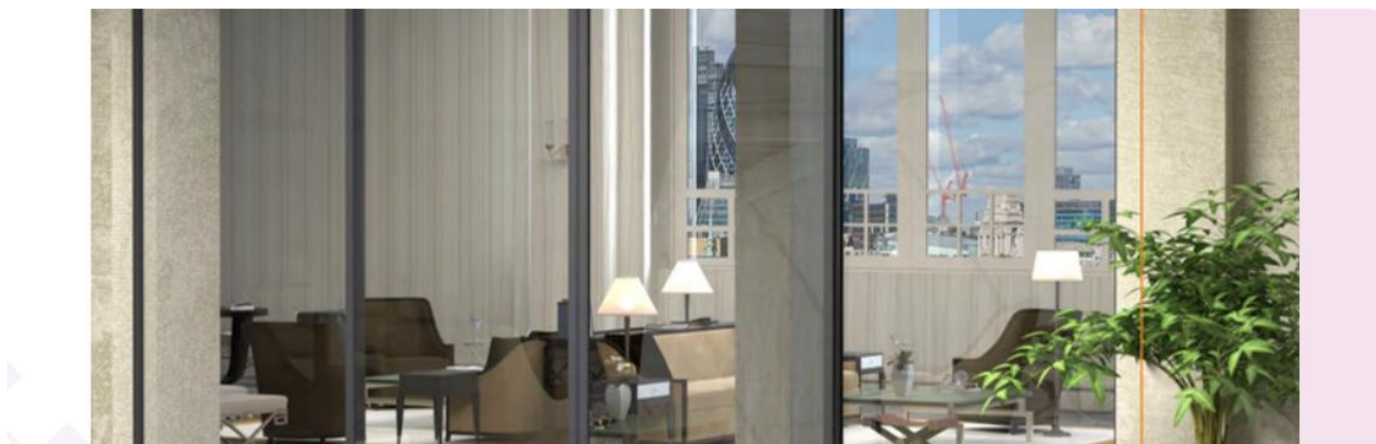
How the sensor system works: motion-direction detection decides whether the doors open, and the drive automatically predicts pedestrian speed and direction to modulate opening speed — slowing for wheelchairs, trolleys and prams.



Light Weight Sliding Door

The Light Weight Sliding Door is Hectafine's standard entry-level automatic sliding configuration — built for everyday commercial and residential openings where a clean, reliable, low-maintenance automatic entrance is required without the reinforced load capacity of the heavy-duty range. It is typically powered by our compact **AirDrive 68NG** operator (see Automation & Drive Systems), the smallest automatic sliding door operator in the world at just 68mm × 135mm.

- ✓ Ideal for offices, showrooms, clinics and residential lobbies
- ✓ Single or double panel configurations
- ✓ Compact header housing preserves clean sightlines
- ✓ Compatible with the full range of Hectafine motion & safety sensors



For full operator specifications, see AirDrive 68NG under Automation & Drive Systems.

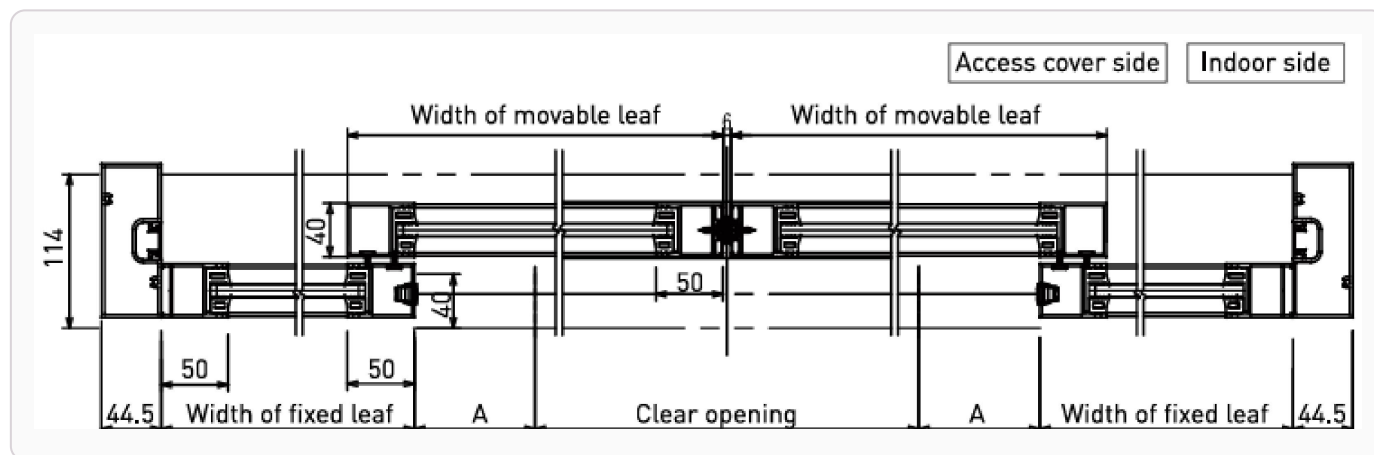




AUTOMATIC SLIDING DOORS

Reinforced / Heavy Duty Sliding Door

Engineered to support large, high-weight door panels while delivering reliable, smooth, and quiet automatic operation. Built for demanding environments with high traffic and frequent use, they provide exceptional strength, durability, and long-term performance in commercial, industrial, healthcare, and transportation facilities.



Transverse section — heavy type sliding door profile

- **Door Leaf Material:** Aluminium
- **Glass Material:** Tempered and Laminated
- **Electronic Lock:** SKD-C
- **Safety Beam:** NP-01
- **Power Supply:** EBS
- **Door Frame:** 50mm
- **Jamb Tube:** 44.5 × 114mm
- **Glass Thickness:** 10mm
- **Active Sensor:** NH-203B (multiple selection options)
- **Ground Rail:** Ground Rail / Bottom Glide

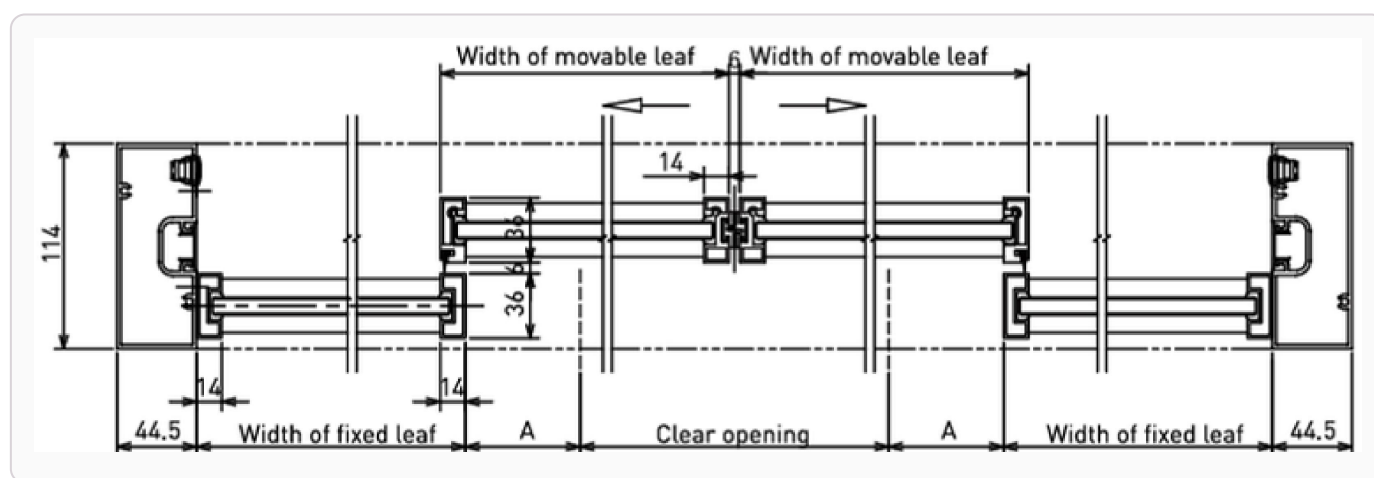




AUTOMATIC SLIDING DOORS

Slim Sliding Door

Designed with ultra-narrow aluminium profiles that maximize glass area, creating a sleek, contemporary appearance while allowing abundant natural light to flow into interior spaces.



Transverse section — slim sliding door profile

- **Door Leaf Material:** Aluminium
- **Glass Material:** Tempered and Laminated
- **Surface Treatment:** Silver oxidation & non-ferrous oxidation coating
- **Longitudinal Frame:** 44 × 114mm and 51 × 178mm
- **Power Supply:** <120W
- **Door Frame:** 14mm
- **Jamb Tube:** 44.5 × 112mm
- **Glass Thickness:** 10mm
- **Active Sensor:** NH-203B
- **Ground Rail:** Ground Rail / Bottom Glide

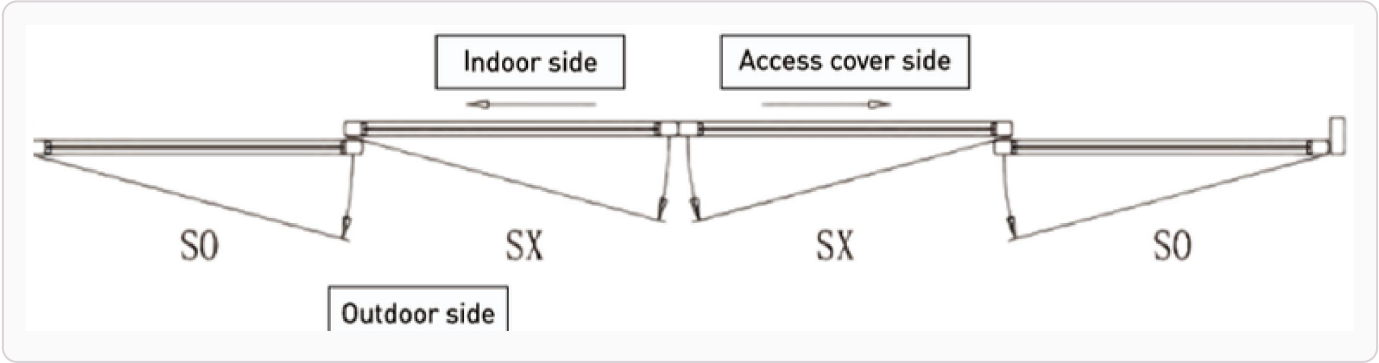




AUTOMATIC SLIDING DOORS

Sliding Breakout Door

Advanced entrance solutions designed to combine the convenience of automatic sliding operation with the critical safety feature of emergency breakout functionality — letting both fixed and sliding panels swing open in an emergency for immediate full-width clearance.



Breakout mechanism — SO (swing-out) and SX (breakaway) panel points

- **Opening Width:** 600mm – 3000mm (custom widths available)
- **Passage Height:** Up to 2700mm
- **Max Leaf Weight:** Up to 500kg
- **Opening / Closing Speed:** 100 – 800mm/sec (adjustable)
- **Activation Options:** Motion sensor, radar sensor, remote control, push button





AUTOMATIC SLIDING DOORS

Curved / Circular Sliding Door

Most automatic doors are defined by a straight line — a flat plane of glass set into a flat wall. The Curved Circular Sliding Door breaks that convention entirely: its panels travel along a gentle arc, so the entrance itself becomes a sculptural gesture rather than a functional interruption in the facade.

- ✓ Full characteristics of a standard automatic sliding door, with a curved structure that creates a distinctive atmosphere
- ✓ Within a limited total door width, opening amplitude is significantly increased — enabling a more compact air-removal chamber

Door Type	Bi-Parting Sliding		Single Sliding	
Single door weight (kg) × leaf qty	75×2	100×2	75×1	100×1
Single door area: DW × DH (m²)	Max. 2.6			
Single door width: DW (mm)	762 – 1067			
Single door DH/DW	Max. 3.0			
Average opening & closing speed	< 0.4 m/s			
Required power capacity	AC 220V · 2.5A			

- **Type:** Bi-parting and single sliding telescopic
- **Single Door Weight × Leaf Quantity:** 55×2 to 150×6 kg
- **Power Supply:** AC220V – 2.5A to AC220V – 5A

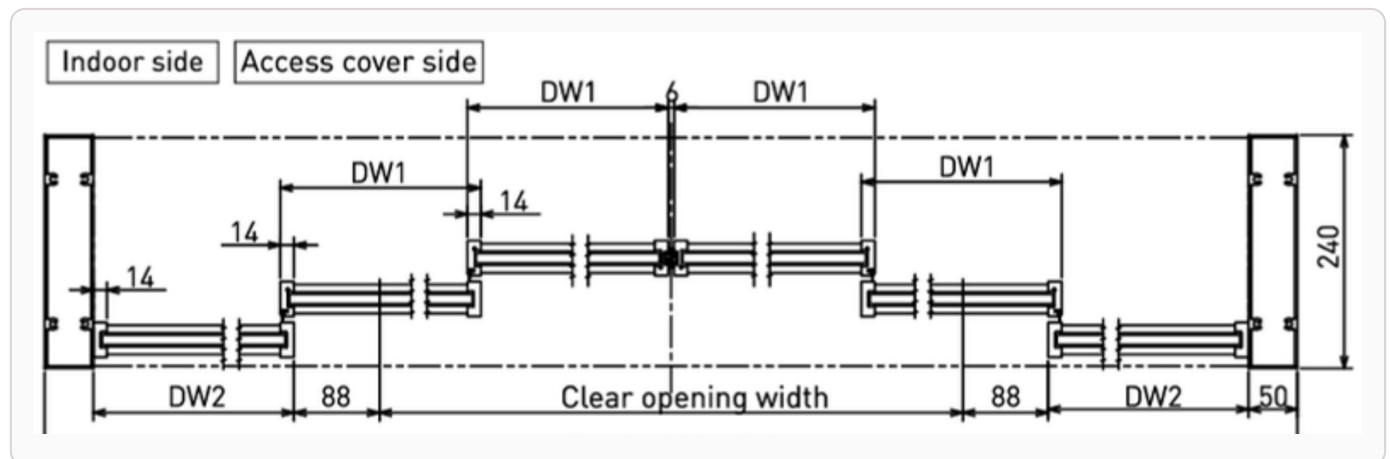




CATEGORY 02

Telescopic Doors

Automatic telescopic sliding doors are high-performance entrance solutions designed to deliver wider clear openings where installation space is limited. Unlike conventional sliding doors, telescopic systems feature two or three interconnected door panels on each side that slide and stack simultaneously, creating a significantly larger passage while requiring minimal wall space.



Plan view — telescopic double-leaf stacking geometry (DW1/DW2 panel widths)

- **Type:** Double & Triple leaf telescopic
- **Single Door Area (DH × DW):** 0.7 to 4.5 m²
- **Single Door Weight × Leaf Quantity:** 55×2 to 150×6 kg
- **Average Opening & Closing Speed:** < 0.45 m/s
- **Power Supply:** AC220V – 2.5A to AC220V – 5A

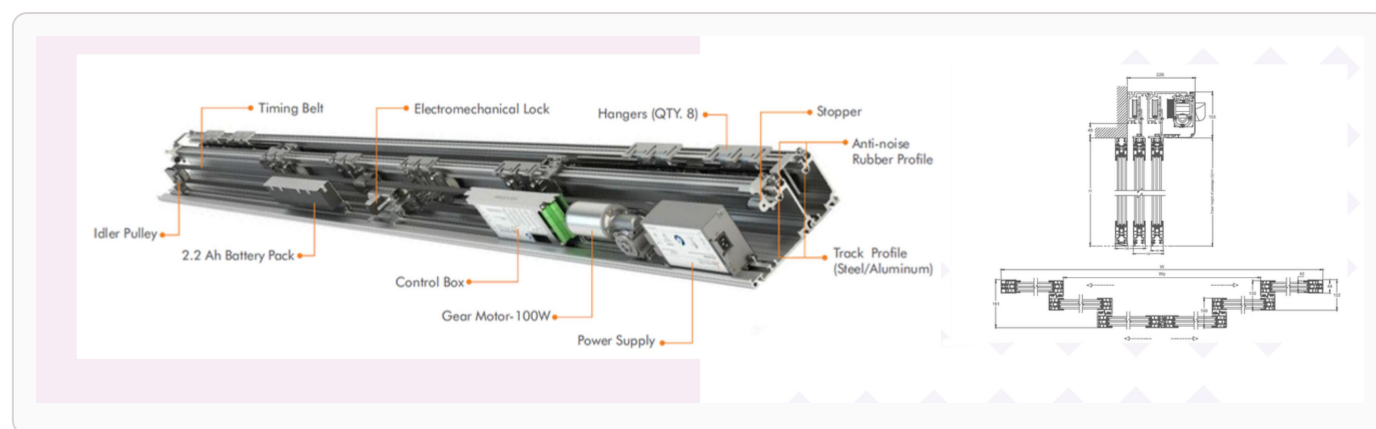




TELESCOPIC DOORS — DRIVE SYSTEM

TL240 Telescopic System

Outstanding quality, incredible strength and a unique design. Employing the most reliable German technology, the TL series is a robust and sturdy system capable of handling heavy weights and extreme weather conditions — long-lasting, energy-efficient and internationally certified.



Exploded operator assembly and plan/section views — TL240

The TL series is engineered so that the back leaves move at half the speed of the front leaves. With this stealthy, coordinated movement, both back and front leaves reach the fully-open position simultaneously — delivering a clear opening of up to two-thirds of the installed width.

- **Opening Width – Double Leaves:** 900 to 3000mm
- **Opening Width – Four Leaves:** 1800 to 4000mm
- **Max Leaf Weight – Double Leaves:** 2 × 150kg
- **Max Leaf Weight – Four Leaves:** 4 × 100kg
- **Opening / Closing Speed:** Variable up to 1.1 m/s (four leaves)
- **Power Supply:** 230V / 50VA

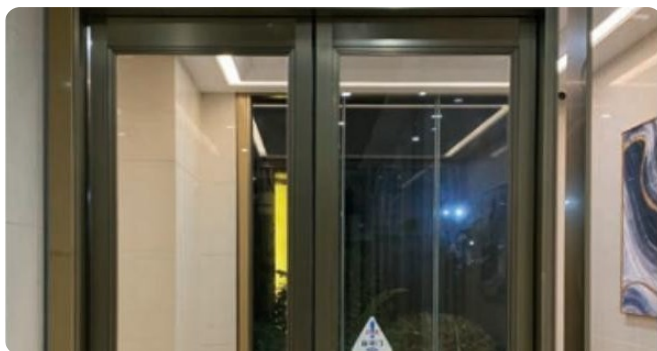




CATEGORY 03

Automatic Swing Doors

Automatic swing doors are designed to provide smooth, reliable, and barrier-free access while accommodating a wide range of architectural and operational requirements. Available in all-glass, heavy-duty, overhead concealed, and surface-mounted configurations, they offer the perfect balance of aesthetics, durability, and convenience.



Heavy Duty Swing Door — Underground

Configurations in this range

- ✓ Heavy Duty — Surface Mounted
- ✓ Heavy Duty — Overhead Concealed
- ✓ Heavy Duty — Underground
- ✓ Light Duty Swing Door





AUTOMATIC SWING DOORS

Heavy Duty Swing Door — Surface Mounted

Some doors are engineered to be seen; the Heavy Duty Swing Door with Overhead Concealed operation is engineered to disappear. Its entire drive mechanism sits hidden within the door frame itself, so once the door swings shut, no connecting lever, arm, or visible hardware remains to interrupt the clean lines of the entrance — a detail that matters enormously in spaces where architectural finish is as important as function.

- **Types of Door:** Double door (two leaves, 90° opening) or single door (one leaf, 90° opening)
- **Surface Colour of Device:** Silver
- **Door Thickness:** 44mm
- **Average Opening & Closing Speed:** 35°/s





AUTOMATIC SWING DOORS

Heavy Duty Swing Door — Underground

Not every entrance can afford to show its mechanics. For buildings where a clean, uninterrupted threshold matters most, the Underground Heavy Duty Swing Door removes them entirely from view. Its operator sits buried beneath the floor, driving the door through a lower output shaft rather than an overhead arm or visible frame-mounted mechanism, so the entrance itself remains completely unobstructed above ground.

- **Opening Angle:** 45° to 135°
- **Max Door Weight:** 150kg to 250kg
- **Door Width:** 900 to 1100mm
- **Average Opening & Closing Speed:** 35°/s
- **Power Supply:** 35W to 55W

A Light Duty Swing Door variant is also available for lower-traffic residential and small commercial entrances, using the same barrier-free operating principle in a lighter-weight build.

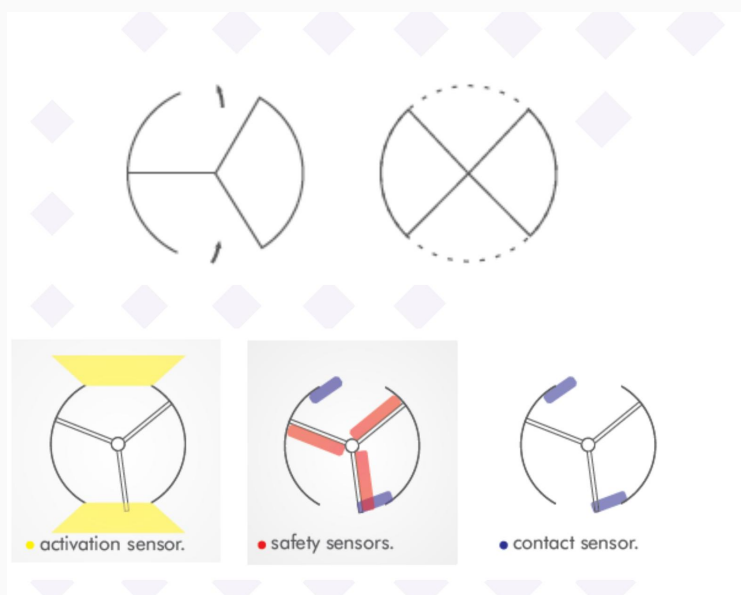




CATEGORY 04

RV Series — Automatic Revolving Doors

Automatic revolving doors are mainly used at high-traffic external entrances in airports, transportation hubs and elegant hotel lobbies where climate control, energy efficiency, draft reduction, and continuous two-way pedestrian movement are important. The RVU Series, available in both 3-leaf and 4-leaf configurations, combines contemporary aesthetics with exceptional energy efficiency — minimizing air exchange between indoor and outdoor environments.



3-wing vs. 4-wing configurations, with activation, safety and contact sensor zones

- ✓ High-efficiency brushed DC motor, engineered in Germany
- ✓ Intelligent electronic control with integrated activation & safety sensors
- ✓ Silent operation — "quieter than a whisper"
- ✓ Operating system fully concealed beneath the floor for uninterrupted visual flow

- **Diameter:** 1800 to 4200mm
- **Three-Wing Access Width:** 780 to 1980mm
- **Four-Wing Access Width:** 1195 to 2875mm
- **Revolving Speed:** 3 – 4 RPM
- **Power Supply:** AC220V, 16A
- **Maximum Bearable Wind Speed:** < 20 m/s
- **Safety Protection:** Emergency stop device, rubber anti-pinch sensor, door body sensor, low-speed revolving switch





AUTOMATIC REVOLVING DOORS

Two-Wing Revolving Door

Two-wing automatic revolving doors are premium entrance systems designed to combine architectural elegance, seamless pedestrian movement, and outstanding environmental performance. Featuring two large rotating door wings enclosed within a circular glass enclosure, these doors create spacious entry compartments while maintaining a continuous barrier between indoor and outdoor environments.

- **Revolving Diameter:** 2800 – 4800mm
- **Passage Height:** 2200 – 3000mm
- **Revolving Speed:** 2 to 4 RPM
- **Canopy Height:** 300 to 600mm
- **Power Supply:** AC220V, 16A
- **Revolving Direction:** Anti-clockwise
- **Safety Protection:** Auxiliary sensor, emergency stop device & rubber anti-pinch sensor





AUTOMATIC REVOLVING DOORS

Crystal Revolving Door (3 or 4 Wing)

There is a particular kind of entrance that stops people before they even step through it — not because it demands attention, but because it seems to have none of the usual weight of a door. Where conventional revolving doors rely on visible framing and structural bulk, the crystal configuration strips that visual language away almost entirely, replacing it with continuous, uninterrupted glazing that lets light travel straight through the building's threshold.

- **Opening Width:** 780 to 2035mm
- **Passage Height:** 2200 to 3000mm
- **Max Leaf Weight:** Up to 800kg
- **Revolving Speed:** 3 – 4 RPM
- **Power Supply:** AC220V, 19A

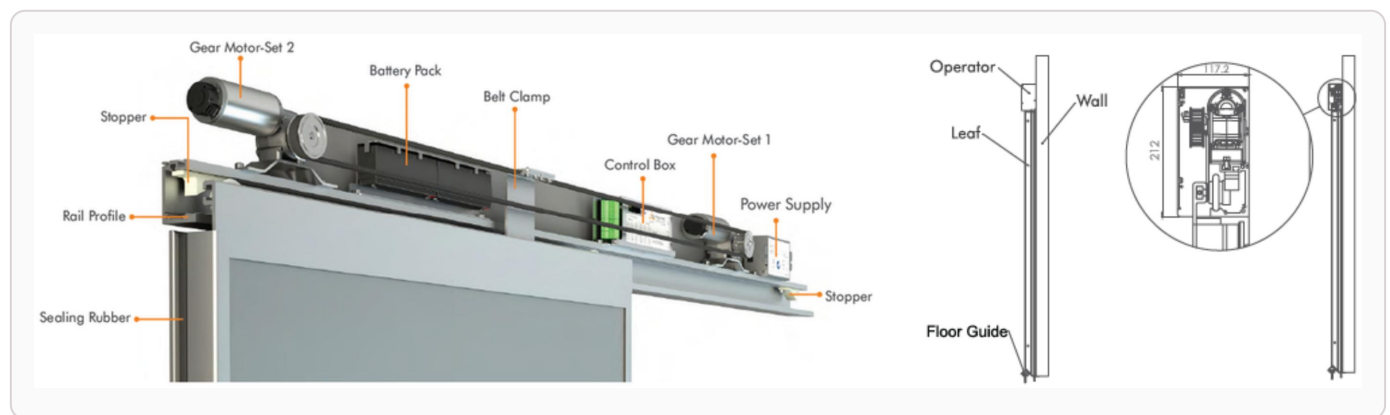




CATEGORY 05

Automatic Hermetic Doors

Some doors exist to welcome people through. The Automatic Hermetic Door exists to protect something far less visible — the integrity of the air itself. In an operating theatre, a clean room, or a pharmaceutical production line, the single greatest threat is rarely what can be seen; it is what travels invisibly on a current of air between one space and another. Designed with a patented sealing track system, Hectafine's hermetic doors ensure airtight closure to minimize air leakage, reduce energy costs, and prevent cross-contamination.



Hermetic sliding door mechanism — gear motor sets, sealing rubber, rail profile & wall-mount section

- **Opening Width – Single Panel:** Up to 3000mm
- **Max Leaf Weight – Single Panel:** 1×200kg | **Double Panel:** 2×100kg
- **Hold-Open Time:** 0 – 30s
- **Opening / Closing Speed:** Adjustable, 0.1 to 0.4 m/s
- **Power Supply:** 230V / 50VA
- **Ambient Temperature Range (cold-chain variant):** -10°C to -50°C

Ideal for operating rooms, clean zones and laboratories; the system also doubles as a smooth pedestrian sliding door when required.

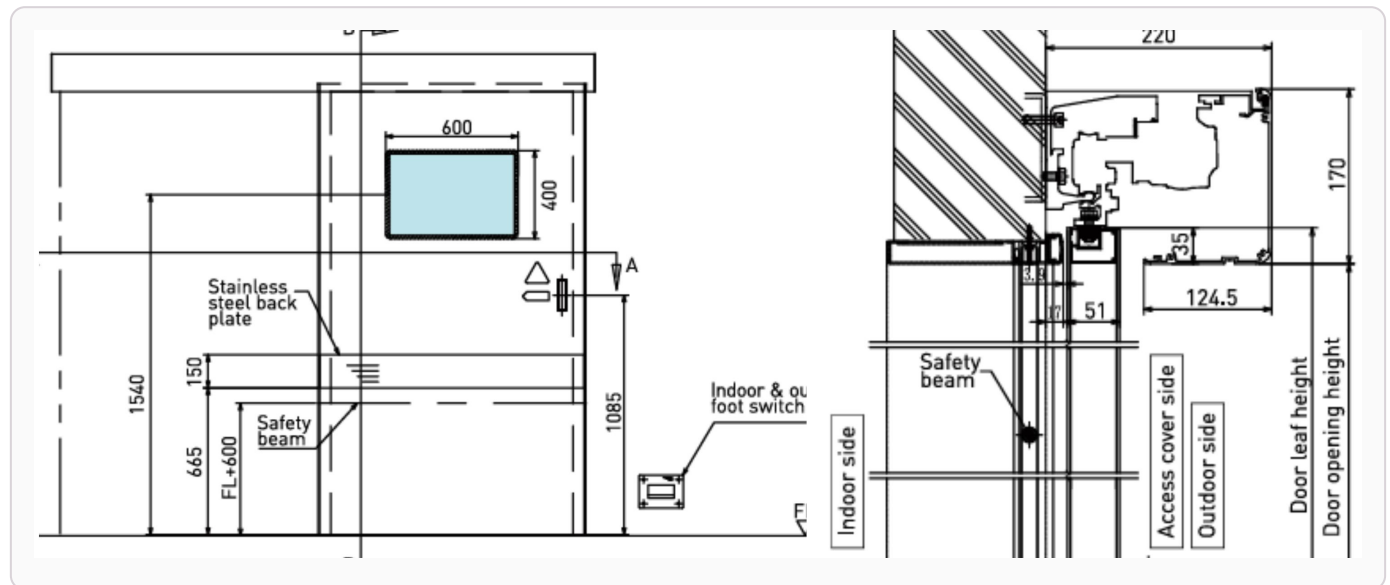




AUTOMATIC HERMETIC DOORS

Hermetic Soundproof Door

Hermetic soundproof door solutions are designed to meet the demanding requirements of modern facilities, delivering exceptional performance without compromising on aesthetics or user convenience. Equipped with intelligent automatic operation and precision-engineered sealing mechanisms, these doors ensure smooth, reliable movement while achieving superior airtightness and acoustic insulation — ideal for operation theatres, ICUs, cleanrooms, pharmaceutical production areas, research laboratories, diagnostic centres, recording studios and data centres.



Elevation & section detail — hermetic door frame, safety beam and jamb dimensions

- **Opening Width:** 760 to 2500mm
- **Passage Height:** 1900 to 2500mm
- **Max Leaf Weight:** 250kg
- **Opening / Closing Speed:** Up to < 0.7 m/s
- **Power Supply:** 220V AC

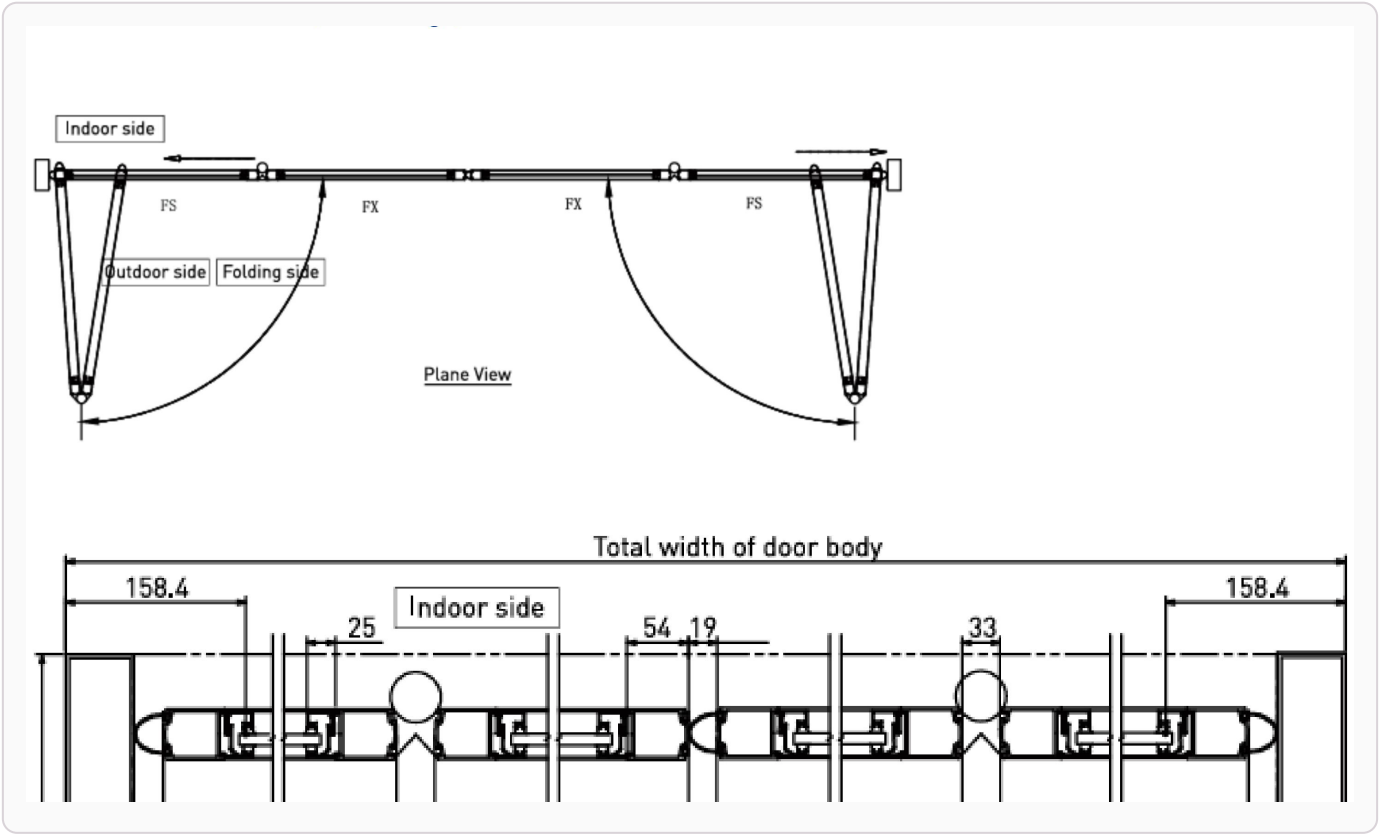




CATEGORY 06

Automatic Folding Doors

Automatic folding doors are innovative entrance systems designed to maximize accessibility in areas where space is limited without compromising on convenience, safety, or aesthetics.



Plan view (fold geometry) and transverse section — door leaf assembly

- **Door Leaf Material:** Aluminium
- **Glass Material:** Tempered, laminated & insulated
- **Surface Treatment:** Silver oxidation, non-ferrous oxidation
- **Mullion:** 54mm
- **Upper Frame:** 102mm | **Lower Frame:** 102mm
- **Transom:** 51, 102 & 204mm
- **Longitudinal Frame:** 60 × 104mm





CATEGORY 07 — SPECIALTY & ACCESSIBILITY

Barrier-Free Toilet Door

Automatic barrier-free toilet doors provide safe, convenient, and dignified washroom access for people of all ages and abilities. Touchless automation and intelligent accessibility features remove the need for manual operation — making entry and exit effortless for wheelchair users, elderly individuals, people with reduced mobility, and parents with strollers.

- ✓ Enhanced accessibility for all users
- ✓ Voice prompt function
- ✓ Automatic locking for security
- ✓ Auto-controlled lighting
- ✓ Emergency SOS button



Automation & Drive Systems

Behind every Hectafine door is a precision-engineered German drive system. The operators on the following pages can be specified individually or matched to the door categories in this catalogue — from the world's smallest sliding operator to heavy-duty telescopic and breakout systems.



AirDrive 68NG



PrimeDrive240



BO240 Breakout System



SW40 Swing Door Operator





DRIVE SYSTEM

AirDrive 68NG

This German sliding door drive is the smallest automatic sliding door operator in the world. Measuring only 68mm × 135mm, the AirDrive offers an incredible fusion of state-of-the-art technology and aesthetics. Just like the hummingbird — the smallest bird in the world — this door operator is incredibly brisk and agile yet silky smooth, combining aesthetics with strength, reliability, smooth performance and a long life.

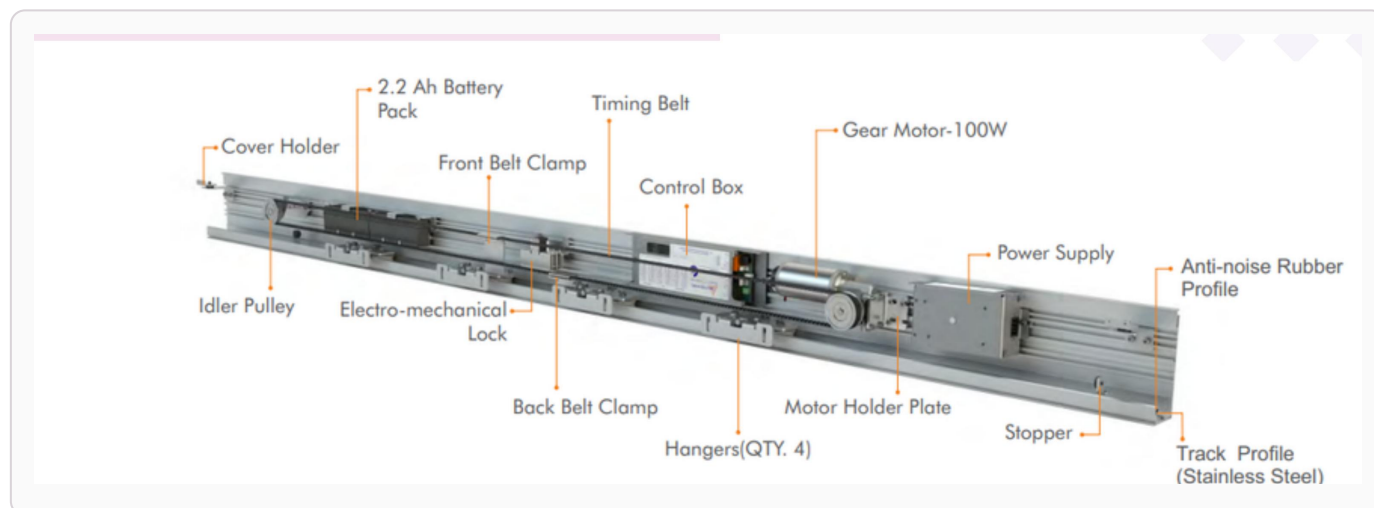
- **Opening Width – Single Panel:** 800 to 2000mm
- **Opening Width – Double Panel:** 1000 to 3000mm
- **Max Leaf Weight – Single Panel:** 1 × 150kg
- **Max Leaf Weight – Double Panel:** 2 × 135kg
- **Opening / Closing Speed:** Variable up to 0.9 m/s (double leaves)
- **Power Supply:** 230V / 130VA



DRIVE SYSTEM

PrimeDrive240

The perfect integration of classic design, simple aesthetics and top-notch German technology. PrimeDrive is a dependable and powerful sliding entry solution, perfect for interior and exterior applications — from undemanding entrances to places with high traffic, doors with normal or triple-glazing, average-sized entries or tall wide heavy doors, normal passages or escape routes.



Exploded component view — PrimeDrive240 operator assembly

- **Opening Width – Single Panel:** 800 to 2000mm
- **Opening Width – Double Panel:** 1000 to 3000mm
- **Max Leaf Weight – Single Panel:** 1 × 200kg
- **Max Leaf Weight – Double Panel:** 2 × 150kg
- **Opening / Closing Speed:** Variable up to 1.1 m/s (double leaves)
- **Power Supply:** 230V / 92VA

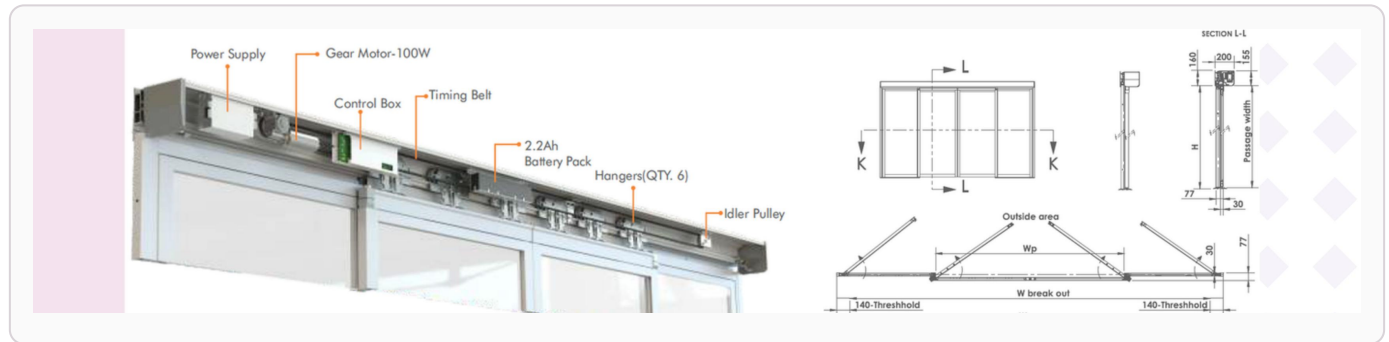




DRIVE SYSTEM

BO240 Breakout System

In situations where a mechanical emergency exit system is required, or where there may be a need for full door clearance — such as moving oversized objects — Hectafine's collapsible BO240 system is the ideal solution. In an emergency, both fixed and sliding panels can be effortlessly swung open by simply pushing forward, allowing quick and unobstructed exit.



Exploded component view and breakout swing geometry — BO240

- **Opening Width – Single Panel:** 800 to 1200mm
- **Opening Width – Double Panel:** 1000 to 2200mm
- **Opening Width – Breakout Position:** 2500 to 4500mm
- **Max Leaf Weight – Single Panel:** 1 × 200kg
- **Max Leaf Weight – Double Panel:** 2 × 150kg
- **Opening / Closing Speed:** Variable up to 1.1 m/s (double leaves)
- **Power Supply:** 230V / 130VA

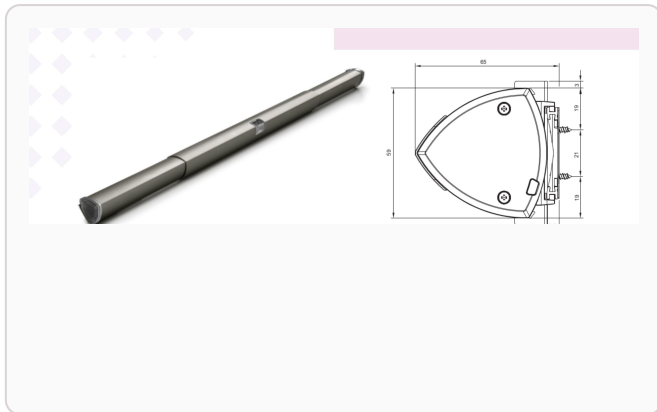


DRIVE SYSTEM

V1 — Sleek Operator

Our most compact and elegant linear sliding solution — designed to transform any existing manual sliding door into an automatic one with ease. Its sleek form factor allows for quick installation without compromising aesthetics. Ideal for both residential and office spaces, it operates as a single-leaf system and is compatible with infrared, microwave and gesture sensors plus remote control selectors.

- **Opening Width – Single Panel:** 700 to 1200mm
- **Max Leaf Weight – Single Panel:** 1 × 700N
- **Opening / Closing Timing:** Variable, 2 to 60s
- **Power Supply:** 230V

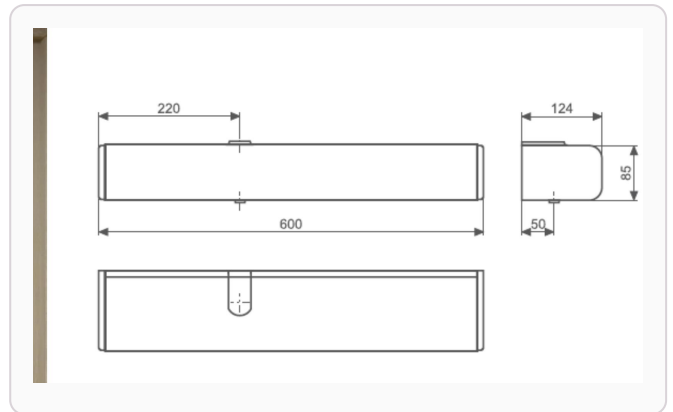


DRIVE SYSTEM

SW40 — Swing Door Operator

Transform almost any manual door into an automatic swing door using this versatile operator. The SW40 can be used in new construction or retro-fitted onto existing doors. Suitable for high traffic and heavy-duty use, this is a prime example of German quality, advanced technology and smooth function.

- **Operator Dimensions (H×W×L):** 85 × 124 × 600mm
- **Opening Angle:** 3–20s / 5–20s
- **Electrical Power Supply:** 230V AC, 50/60Hz
- **Rated Power:** 67W



Activation & Safety Hardware

A full range of motion, presence and safety sensors ships across Hectafine's automatic door range — matched to opening type, mounting location and required detection technology.



NS-A01



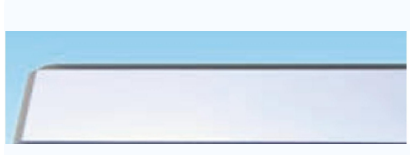
NS-A02



NS-A04



NSW-A01



NH-721



OA-215V

Model	Type	Mounting	Detection Tech.	Main Functions	Max Mounting Ht.	Power
NS-A01	N Search	Header (transom) mount	Active Infrared	Motion & presence detection, safety monitoring, eco mode, self-test	4.0 m	DC 12V, ≤120mA
NS-A02	N Search	Header recessed	Active Infrared	Same features as NS-A01, concealed installation	4.0 m	DC 12V, ≤120mA
NS-A04	N Search	Ceiling mount	Active Infrared	Ceiling-mounted activation & safety sensor	4.0 m	DC 12V, ≤120mA
NSW-A01	Header mount	Infrared + image sensor	Dual-sensor technology	Intelligent pedestrian tracking, reduced false openings, enhanced safety	4.0 m	DC 12V
NH-721	Ceiling sensor	Ceiling	Active Infrared	Designed specifically for extra-high entrances	Up to 5.0 m	12–110V AC/DC
OA-215V	Header mount sensor	Header	Active Infrared	Standard activation & presence detection for automatic sliding doors	Typically 2.2–3.5 m	12–110V AC/DC





Ready to redefine your spaces with elegance and durability?

Explore more at www.hectafine.net

or reach out to us at **+91-9717790320** to get started today!

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