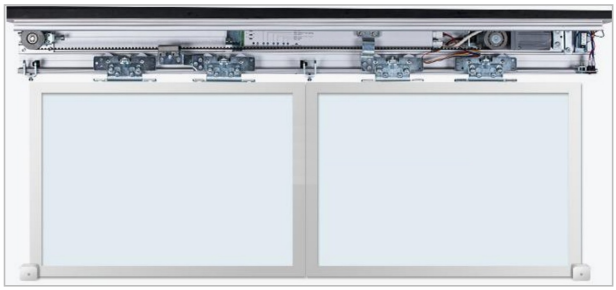
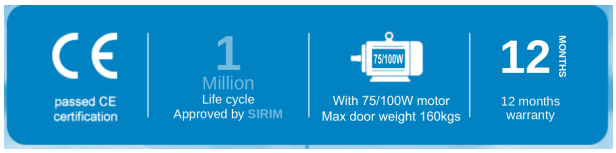
GW-HH150 Easy / Premium

HH150 automatic sliding door operator with brushless DC motor, for single and double leaf sliding doors up to 160 kg. Available with the Easy controller (knob adjustment) or the Premium controller (18-parameter LED setting).



Max door weight (single)	160 kgs
Max door weight (double)	2 x 140 kgs
Door leaf width	S: 500-3000 / D: 500-2000 mm
Voltage	AC100-240V 50-60Hz
Opening / closing speed	10-50 cm/s (adjustable)
Opening time	0-20 seconds (adjustable)
Motor	24V 75/100W brushless, 2300 rpm
Noise	Less than 45 dBA
Operating temperature	-10°C ~ +70°C
Certification	CE
Life cycle	1 million, approved by SIRIM
Warranty	12 months (standard)







Premium controller

Easy or Premium?

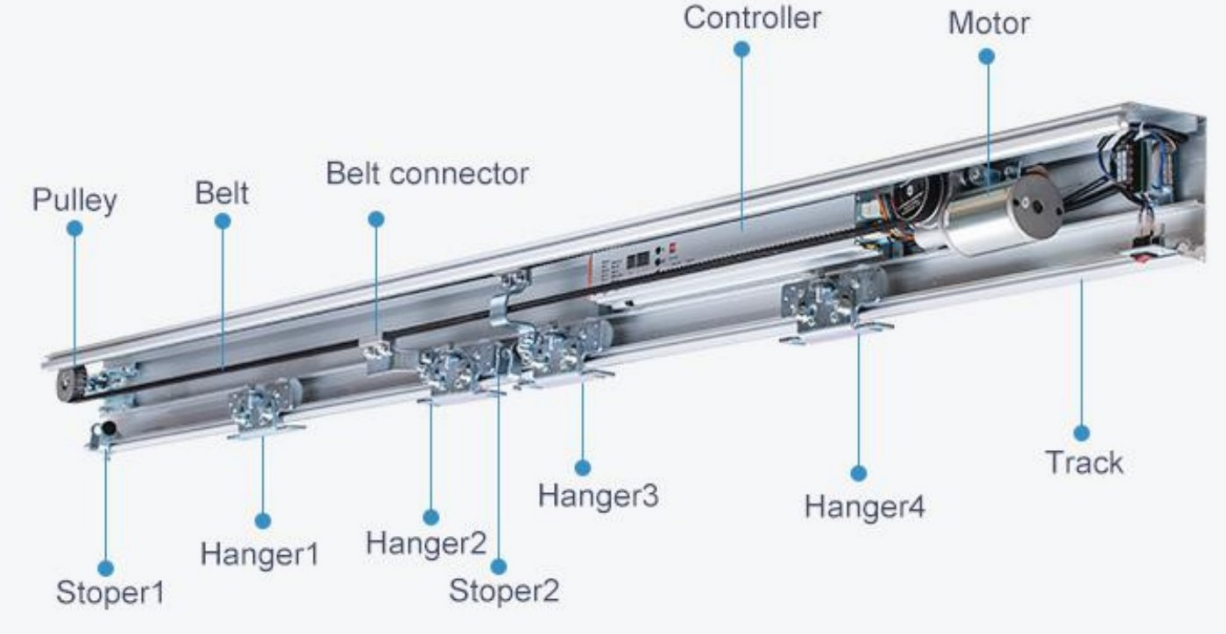
HH150 Easy — Simple knob adjustment

- 6 knobs + 3 DIP switches
- Self-learning work cycle
- Half open (fixed)
- 4 modes: Auto / Full open / Half open / Lock
- Fail safe lock mode
- Incompatible with key switch

HH150 Premium — LED display, 18 parameters

- 18 parameters + 3 DIP switches
- Memory work cycle with travel distance memory
- Partial open, 20%-90% adjustable
- 5 modes: Auto / Full open / Half open / Lock / Exit only
- Emergency stop for breakout door
- Fail safe / fail secure lock mode
- Adjustable work times
- Standard accessories include backup battery set and fire relay

Product components



Technical data

HH150		
Door leaf mode	Single-opening	Double-opening
Door leaf weight	Max 160 kgs	Max 2 x 140 kgs
Door leaf width	DW = 500-3000 mm	DW = 500-2000 mm
Voltage	AC100-240V 50-60Hz	
Opening speed	10-50 cm/s (adjustable)	
Closing speed	10-50 cm/s (adjustable)	
Opening time	0-20 seconds (adjustable)	
Manual open force	57.1 N	59.4 N
Motor	24V 75/100W, 2300 rpm brushless	
Operating temperature	-10°C ~ +70°C	

* DW = door leaf width. Specifications are subject to change without prior notice.

Easy vs Premium





MODEL	Easy	Premium
Adjust method	6 knobs + 3 DIP switches	18 parameters + 3 DIP switches
Setting work cycle	Self-learning	Memory work cycle (reset on first install)
Half open	Half open (unadjustable)	Partial open (20%-90% adjustable)
Emergency stop	-	Yes, can be used for breakout door
Lock signal	Auto lock	Auto lock / Lock by signal
Mode selection	Auto / Full open / Half open / Lock	Auto / Full open / Half open / Lock / Exit only
Lock mode	Fail safe	Fail safe / Fail secure
Work times	Unadjustable	Adjustable: unlimited / 100,000 / 10,000

Premium controller

Travel distance memory

The travel distance is kept after the system restarts. At first installation the travel distance has to be reset according to the project; please contact us for details.

LED parameters

01	Opening speed
02	Closing speed
03	Buffer speed when opening
04	Buffer speed when closing
...	...
17	External photocell status
18	Operating times selection

DIP switches

1	Up: Normal mode / Down: Toggle mode
2	Up: Auto lock / Down: Lock by signal
3	Up: Left open / Down: Right open

About motor



55/100W
Brushless motor

160
kgs max capacity

2300
RPM / min

< 45
dBA low noise

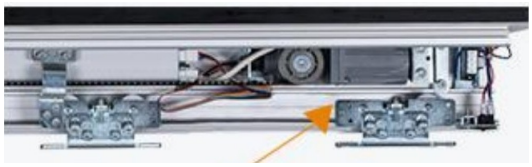


Low noise

Less than 45 dBA at motor start-up. Tested with a 100 kg door.

Motor shape selection



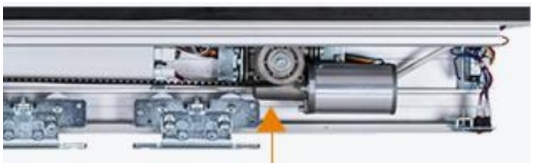


55W motor

Suitable for 4.2 m system or small door

The hanger can pass under the motor.



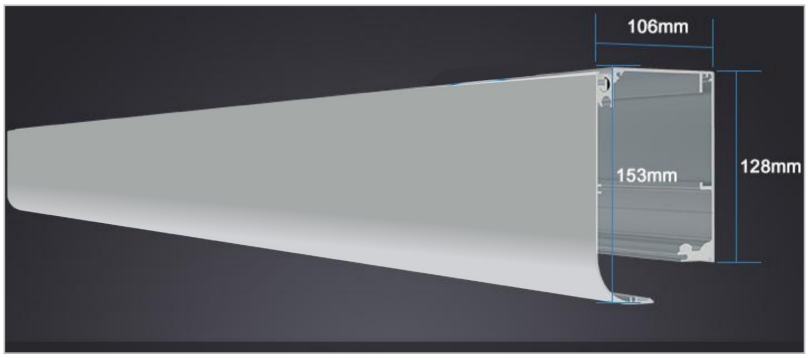


100W motor

Suitable for 6.3 m system or big entrance door

The hanger cannot pass under the motor.

About track



Track with cover

- Section dimensions: 106 / 128 / 153 mm (see drawing)
- Standard lengths: 2.1 m (single open), 4.2 m, 6.3 m
- Track and cover can be cut; contact your sales manager for the recommended length

Standard packing


Track & cover (length optional)


Controller


Motor


Power switch



Microwave sensor MS04 (1 pc)


Photocell


Function remotes


Belt


Pulley



Hangers (anti-drop design)


Stopper

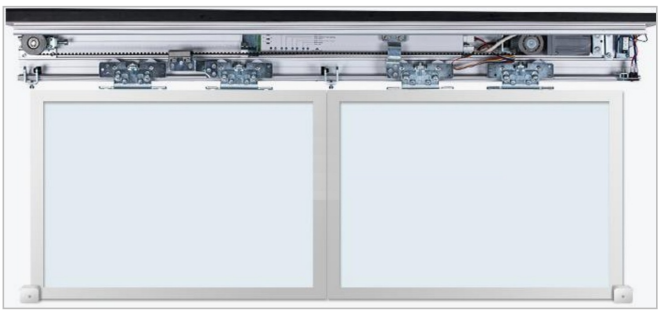

Belt connector


Screws



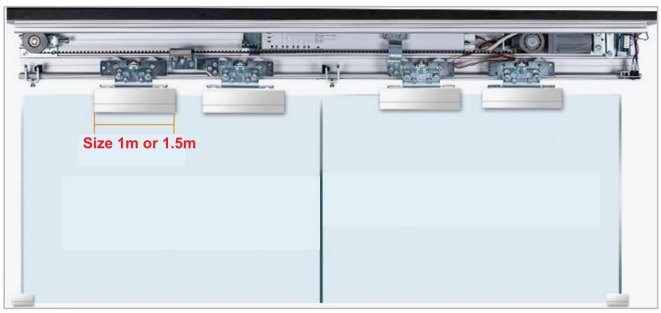
Infrared sensor IS01 (1 pc)

Installation types



Framed door

The standard packing is for framed doors.



Frameless glass door

Used with glass clamps, 1 m or 1.5 m long.

Electronic accessories


Microwave sensor MS04


Infrared sensor IS01


Access keypad


Photocell


Touchless sensor


Push button


Backup battery set

Hardware accessories


Glass clamp


Guider


Hanger


Sealing strip (PVC)


Anti-Fall Safety Bracket

Specifications and appearance are subject to change without prior notice. Illustrations are for reference only.