



TECHNICAL SPECIFICATIONS

Technical Specifications

Specification	inch	mm
A Minimum swivel radius	26¾	680
B Minimum distance from wall to seat back	3	75
C Seat depth	14½	370
D Minimum folded width to footplate	11¼	285
E Minimum open width to edge of footplate	22¾	580
F Armrest width – external	24½	625
G Armrest width – internal	19	480
H Seat back height	15¾	400
I Footplate to seat height		
• Standard seat option	15¼ to 19¼	390 to 490
• Extended seat post	18 to 22	460 to 560
J Minimum footplate height	2	50
Bottom parking space required	26	660†
Minimum track intrusion into staircase	6¼	160
Minimum track intrusion into top landing (typical at 45°)	6	150*
Maximum weight limit		
• With manual hinge or SlideTrack	309 lb 265 lb	140.45 kg 120.45 kg
Speed (approximate)	4¾ in/sec	0.12 m/sec
Power supply	24V DC battery	
Charger	115V	
Staircase angle	27° to 50°	

Available colors: SAND

†Increase by up to 5½ in (140 mm) with zero intrusion kit. *A zero intrusion kit is available.



Straight Stairlift

SIMPLICITY



Simplicity is backed by a **two-year warranty** on all parts and a **Limited LIFETIME warranty** on the gearbox and motor.



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Features

Features	Details
Chair with broad seat, dual armrests and footrest	The chair's design provides comfort and security.
Clip seat belt	Adds security and peace of mind.
Control toggle	<ul style="list-style-type: none"> • Large and easy to operate with hand, wrist or arm. • Logical operation by pushing in the desired direction of movement. • Springs back to stop position if released, stopping lift immediately. • Mounting location does not interfere with the tops of the armrests. • Mounting location prevents accidental operation. • User chooses either left-side or right-side controls. • Contrasting color of toggle is easy to see.
Soft start and stop with progressive acceleration and deceleration	<ul style="list-style-type: none"> • No perceived acceleration or deceleration. • No strain on the user's body. • Much smoother than lifts without progressive starts and stops. • User does not slip from the chair when traveling.
Manual swivel	<ul style="list-style-type: none"> • Off-center swivel brings the user farther onto the top floor than a chair with a center-axis swivel so they can safely stand. • Swivel is operated by a press lever. • Chair swivels independently of the footrest. User can push against the footrest to swivel the seat. • Easy for the user to sit before going downstairs.
Swivel sensor	Lift will not operate unless the chair is locked in the travel position with its back to the track.
Locking catch	Makes it impossible for the lift to slide out of control.
Track end sensor	Automatically stops the lift at the end of the track.
Key switch with two keys	<ul style="list-style-type: none"> • Prevents use by unauthorized people, such as children or grandchildren. • Lift cannot be moved by control toggle or remote control when the key is removed. • Handicare can provide additional keys.
Independently folding armrests, seat and footplate	Lift can be manually folded in multiple ways to provide optimum space on the stairs.
Armrest safety switch	<ul style="list-style-type: none"> • Control toggle will not work unless the armrest is properly folded down. • Lift can be moved and parked with the remote control when the armrest is folded up, freeing space on the stairs or in the hallway.
Emergency stop button next to the seat	<ul style="list-style-type: none"> • Allows the user to stop the lift in an emergency. • Overrides the control toggle and the remotes. • Red LED indicates that the emergency stop has been triggered.
On/off switch	Lift does not consume power or charge when switched off.
Diagnostic display	Allows the user to troubleshoot their lift and discover the cause of non-standard behavior.
Footrest with safety sensor	<ul style="list-style-type: none"> • Lift automatically stops when the footrest senses an obstruction on the stairs. • If an obstruction is detected, the lift can only move in the opposite direction. This allows the user to clear the path. • Footrest is protected to prevent harm to any body part that becomes stuck between the footrest and the stairs. • Sensor immediately stops the lift when 1.1 lb of force is detected against the sensor, minimizing the risk of injury. • Elastic safety edges further reduce the risk of injury. • High-traction coating further reduces the risk of injury. • Footrest is easy to clean.
Safety sensor on frame parts and carriage	Serves as a continuation of the footrest's safety sensor, further reducing the risk of injury.

Features

Features	Details
2 x 12V Batteries	<ul style="list-style-type: none"> • No need for new wiring in the user's home. • Low voltage for safety. • Dry batteries do not leak or need maintenance. • Batteries charge automatically, anywhere on the track. Lift is always ready to use. • 10 cycles are possible during a temporary power outage so the user will never be stranded. • Battery compartment is easily accessed by removing two fasteners. No need to remove the chair. • Average battery life span is approximately three years. • If unused, and turned off, the batteries hold a single charge for approximately three months. • Power consumption is estimated at less than \$7 per year.
Power supply	<ul style="list-style-type: none"> • Connected to the top end of the track. • Plugs into any existing wall socket up to 29½ ft. away. Allows the cord to be mounted against the wall to avoid a stumbling hazard. • Galvanically isolated so an electrical charge can never occur on the track or stairlift. • 115V • Any existing wall socket can be used.
Remote control	<ul style="list-style-type: none"> • Two remotes are included with the stairlift. • 3 buttons: up, down and park. • Allows lift to be installed without any cables on the staircase. • Can be mounted to the wall.
Aluminum track	<ul style="list-style-type: none"> • Tailor-made for each staircase. • Durable and easy to clean. • Rounded edges and streamlined design prevent injury.

Customization Options

Option	Description
Short arm	Allows the seat to swivel on narrow staircases.
Extended seatpost	Enables adjustable seat heights between 18 and 22 inches.
Zero track intrusion into upstairs landing	Prevents the track from obstructing doorways that are near the top of the stairs.
Manual hinge track	Prevents the track from obstructing doorways that are near the bottom of the stairs.
Handicare SlideTrack	Prevents the track from obstructing doorways by allowing the track to move with the stairlift. Removes the need for a hinged track.

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