

Pilot

FLIGHT

E605 STRAIGHT STAIRLIFT



©Merits Health Products, Inc.
4245 Evans Ave | Fort Myers, FL 33901

The Pilot Flight is our new space saving stairlift for straight staircases offering a vertical rail, enclosed gear rack and a continuous charge.

CONVENIENCE

- Remote Control: easy and convenient to call and park carriage.
- Soft Start and Smart Stop Technology: smooth ride with no-lurch as the lift starts and stops.
- Folding Seat & Footrest
- Fold-Away: the design allows others to use the staircase freely when the unit is folded.
- Continuous Battery Recharging
- Swivel Seat with Locking Catch: ensures easy entry and exit from the carriage (unit is non-operational unless the seat has been turned to the ready position).
- Optional Powered Swivel Seat



FUNCTIONALITY

- Full rail length charging strips for convenient charging, anywhere.
- In the event of a power outage, the Flight's automatic sleep mode will preserve the batteries for up to 20 days!
- Equipped with diagnostic display and easy access panels for fast, accurate servicing.

VERSATILITY

- The design allows the track to be installed on the left or right side of the track.
- Armrest width, seat height and the toggle positions fully customizable to meet user's needs.
- Two-position swivel seat allows for safer transfers on and off the seat.



SAFETY IS THE STANDARD

- 5 directional safety sensors
- Armrest position sensors
- Seat position sensor
- Over speed governor
- Electromechanical brake

- Key switch
- Obstacle Sensor Safety Interlock
- Mechanical Braking Systems: self-locking worm gear, eliminates the possibility of any uncontrolled movement.
- Compliant with: ASME A18.1/BS/EN81-40:2008

UPHOLSTERY OPTIONS



Red



Beige



Dark Brown



Light Brown

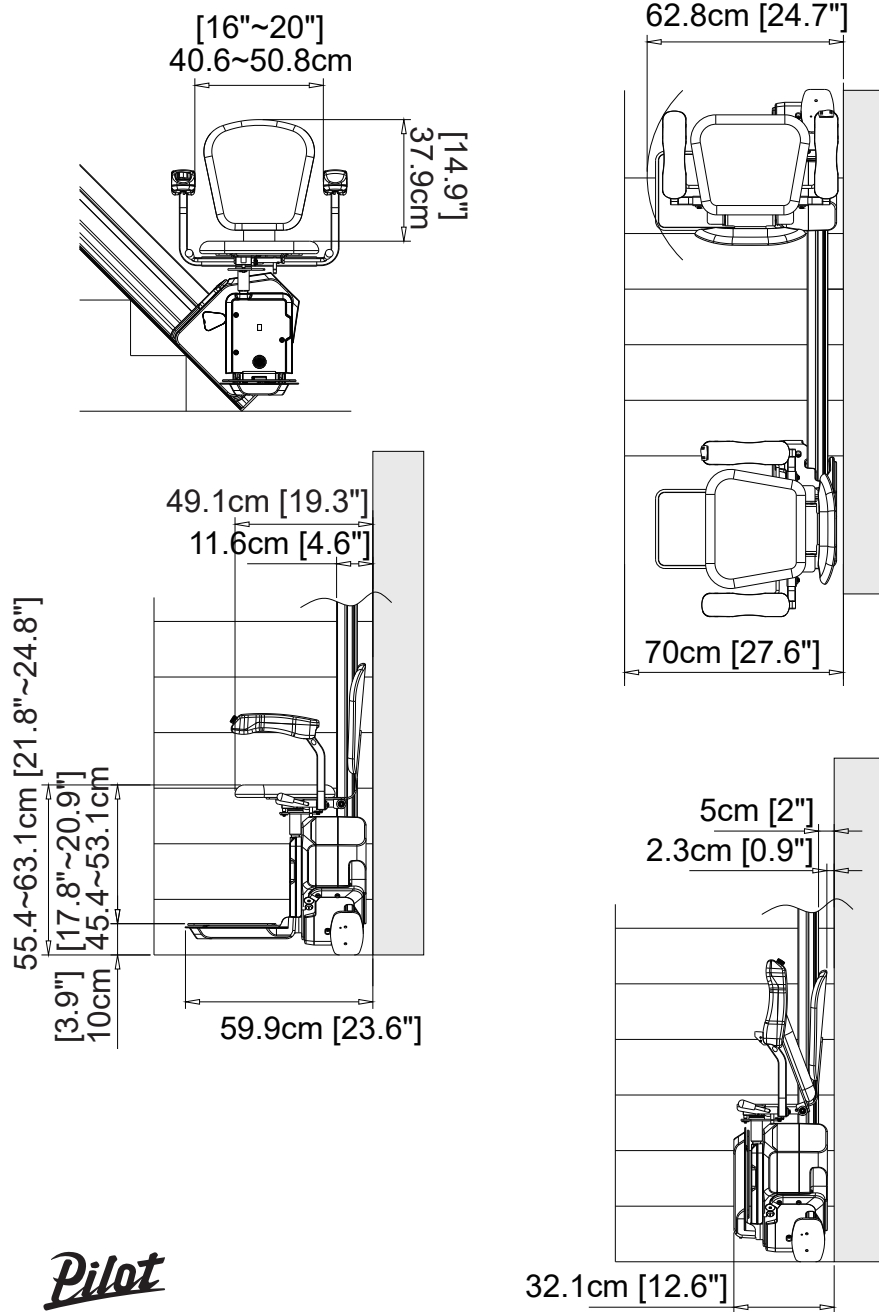


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TECHNICAL SPECIFICATIONS

Load Capacity	300 lbs @45° 250 lbs @52°
Range of Stair Angle	25° - 52° Note: According to ASME A18.1, no lift should be installed to operate on a greater incline than 45° as measured on the mean
Travel Speed	20 ft / min. = 6 m / min.
Drive System	Rack and Pinion
Operator Control	Constant-pressure type (rocker switch and remote control)
Operating Voltages	24VDC rechargeable batteries
Motor	1/2 HP, 24VDC
Brake	Electromagnetic
Charging	Continuous charge across rail length Input: 115/230VAC, 50/60Hz Output: 24V 2A
Internal Arm Rest Width	16" - 20"
Seat to Footplate Height	17" - 20"
Remote Controls	2 infrared remotes included
Compliance	ASME A18.1/BS/EN81-40:2008
Safety Sensors	5 safety sensors as standard
Safety Devices	Overtravel prevention, electromagnetic motor brake, key switch, seat belt, armrest, swivel seat safety switches, overspeed governor
Warranty	5 years motor/gearbox 2 years electrical components

DIMENSIONS



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<https://meritsusa.com/flight/>

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