

# FLIGHT



At Pilot, we understand the challenges a staircase can present when mobility is an issue and we are passionate about helping people maintain their freedom and independence in the home they love.

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

## Versatility:

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

## Safety is the Standard:

- 5 directional safety sensors
- Armrest position sensors
- Seat position sensor
- Over speed governor
- Electro mechanical brake
- Key switch
- Obstacle Sensor Safety Interlock

# Pilot

# PILOT FLIGHT E605

## Convenience:

- Remote Control: easy and convenient to call and park carriage.
- Soft Start and Soft Smart Technology: smooth ride with no-lurch as the lift starts or 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



Manual Swivel Seat 0° / 45° / 90°



\* Optional Powered Swivel Seat

Foldable Seat / Foot Rest / Armrests



## Safety:

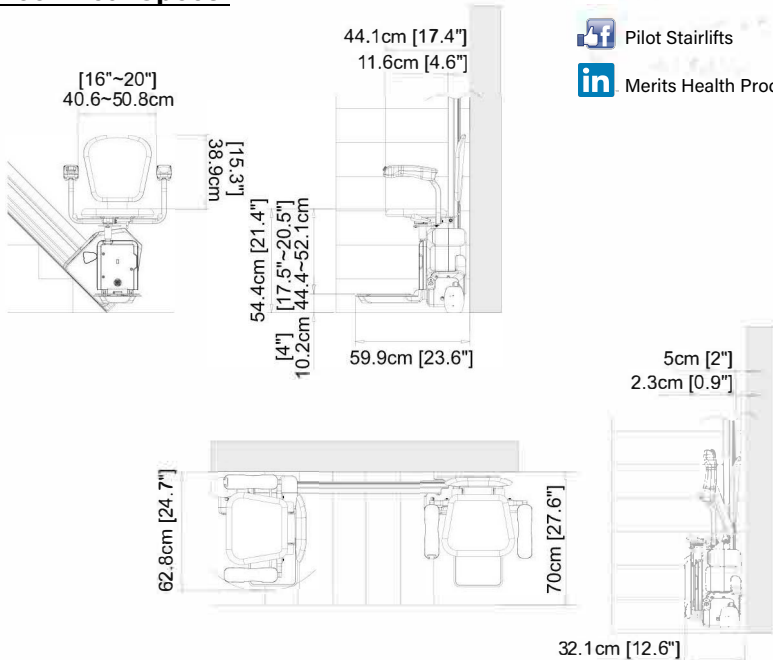
- Mechanical Braking Systems: self-locking worm gear, eliminates the possibility of any uncontrolled movement.
- Compliant with ASME A18.1/BS/EN 81-40:2008

## Customizable In:



Cappuccino Mocha Oatmeal Red

## Technical Specs:



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- Merits Health Products, Inc.

## TECHNICAL SPECIFICATIONS

|                          |  |
|--------------------------|--|
| Load Capacity            | 300 lbs. at 45° / 250 lbs. at 52°  |
| Range of Stair Angle     | 25° ~ 52°<br><i>Note: According to ASME A18.1, no lift should be installed to operate on a greater incline than 45° as measured on the mean</i>                          |
| Internal Arm Rest Width  | 16" - 20"  |
| Seat-to-Footplate Height | 17" - 20"  |
| Operator Control         | Constant-pressure type<br><i>(rocker switch and remote control)</i>  |
| Operating Voltages       | 24VDC / rechargeable batteries   |
| Motor                    | 360W / 24VDC   |
| Brake (Optional)         | Electromagnetic brake  |
| Charging                 | Continuous charge across rail-length<br>Input: 110 / 240VAC, 50 / 60Hz & Output: 24V / 2A  |
| Travel Speed             | 20 ft. / min. / 6 m / min.   |
| Drive System             | Rack & Pinion  |
| Remote Controls          | 2 infrared remotes, included   |
| Compliance               | ASME 18.1  |
| Safety Sensors           | 5 safety sensors as standard   |
| Safety Devices           | Over-travel prevention, electromagnetic motor brake, key switch, seat belt, armrest, swivel seat safety switches, over speed governor & obstacle sensor safety interlock |
| Warranty                 | 5 years motor / gearbox<br>2 years electrical component  |



A DIVISION OF MERITS PRODUCTS

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