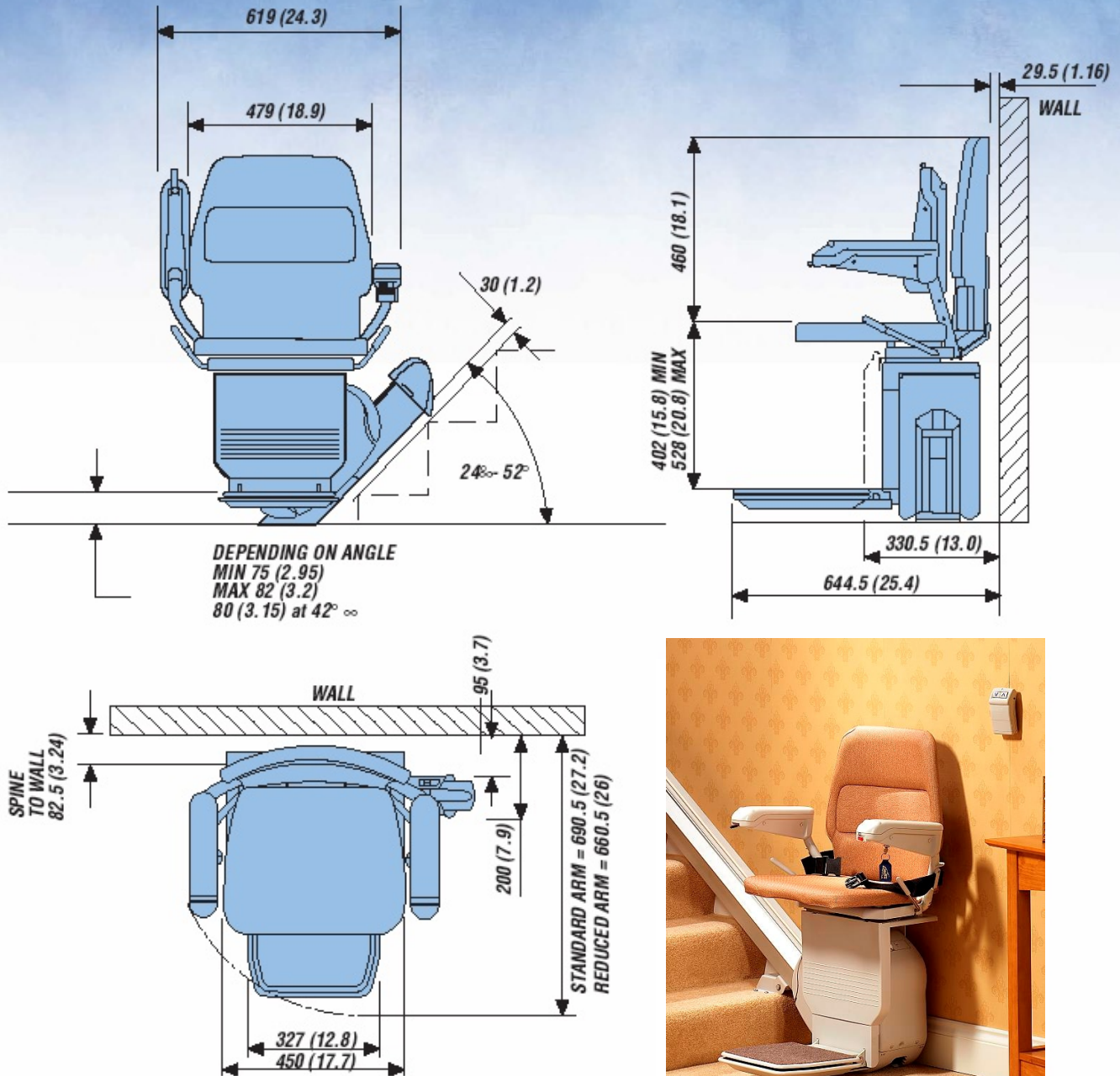


420

# Dimensions

# dimensions



### Dimensions:

All dimensions measured from the wall are nominal. The addition of a wide stringer or similar obstruction may affect the dimensions taken from this point. Measurements are in millimeters, (measurements in brackets are in inches). The color representation of the chair shown above is for illustrative purposes only.



The world's most chosen stairlift

# 420

## Technical data

### Rail

Construction	Extruded aluminum, box section rail.
Finish	Bronze-color anodized finish.
Fixing	Brackets screwed to stair treads.
Min. Length of rail	1.2m (47")
Max. length of rail	8.0m (315")
Rail section size	105mm wide x 112 mm high (4 $\frac{1}{8}$ x 4 $\frac{1}{2}$ ")
Nominal distance of rail from baseboard	95mm (3 $\frac{3}{4}$ ")
Stair nose to rail	30mm (1 $\frac{1}{4}$ ")
Rail overhang at top	Short rail overhang available at all angles.
Rail wiring	Inside rail.
Drive method	Rack and pinion.
Max. rail incline	52°

### Seat

Seat type	Armchair seat—swivels to face landing.
Materials	Steel frame with flame retardant upholstered backrest and seat. Conforms to BS7176, resistant to ignition.
Armrests	Two sturdy hinged armrests with soft polyurethane upper surface. One houses directional controls, one houses on/off rocker switch.
Switches	Removable 'on/off' key under arm. Low pressure joystick for up/down. On/off rocker switch on arm. Battery isolator switch mounted on carriage.
Load	350lbs to 45° 300lbs to 45° if fitted with optional powered swivel seat or folding track.
Manual Swivel Control	105mm wide x 112 mm high (4 $\frac{1}{8}$ x 4 $\frac{1}{2}$ ").

### Carriage

Carriage	Steel fabrication.
Finish	Plastic moldings.
Motor	DC powered, Input 0.25kw, Output 0.13kw.
Start	Cushioned start/stop.
Speed	Nominal 18ft/min (can vary with user weight).
Electronics	Electronic control unit.
Safety features	Overspeed governor stops carriage at 0.3 m/s max. Safety pads operate safety switches located around carriage. Stairlift works in the event of a power outage.
Servicing	Annually.
Batteries (carriage)	2 x 12 volt 7Ah.

### Footrest

Construction	Cast aluminum alloy.
Finish	Epoxy powder-coated to match rail.
Carpet	Pile with latex back, conforms to BS4790.
Safety	Safety pads operate safety switches in direction of travel.

### Other fittings

Landing Call emotes	Surface-mounted wireless IR remotes at top and bottom of stairs.
Charge Unit	Wall or floor mounted, 24V two-stage unit..

Design, manufacture and installation; Stannah Model 400 and components have been tested and approved to BS5776, CSA, TUV, DLI, Machinery Safety Directive 73/23/EEC and EMC Directive 89/336/EEC.

Our company policy is one of continuing product improvement. We therefore reserve the right to alter the specifications and to change the design at any time. Full operating instructions are supplied for all products.

[www.stannah.com](http://www.stannah.com)

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Dealer stamp



**The world's most chosen stairlift**