

Technical data sheet - Evolve



High back and standard back models

Description

Offering contemporary styling and outstanding support, Evolve is also a highly adaptable chair, available in three types:

- Fold down (for retractable platforms)

- Fixed (for traditional auditoria)

- Removable (with our Matrix floorbar system)

Available in a choice of standard or high back models, Evolve folds to just 5¾" deep when unoccupied. There are no springs - its seat, back and arms are perfectly balanced to rotate into an upright position. This creates comfortably wide walkways throughout the auditorium.

Features

- Self tipping design with auto-tip armrest

- Compact dimensions when closed

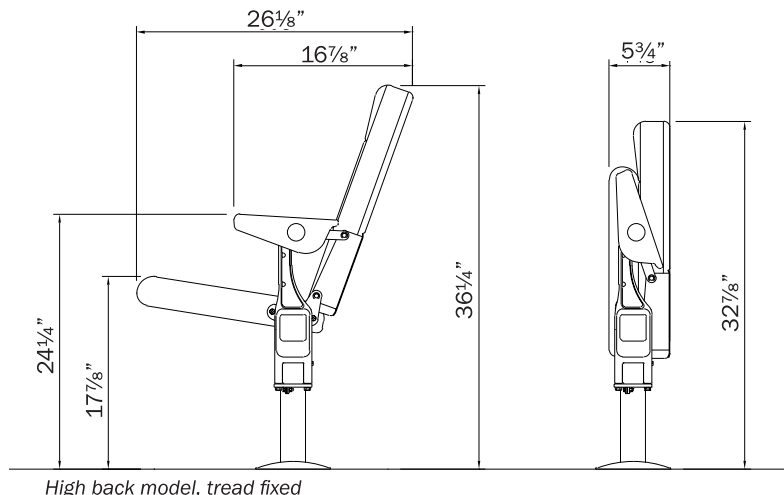
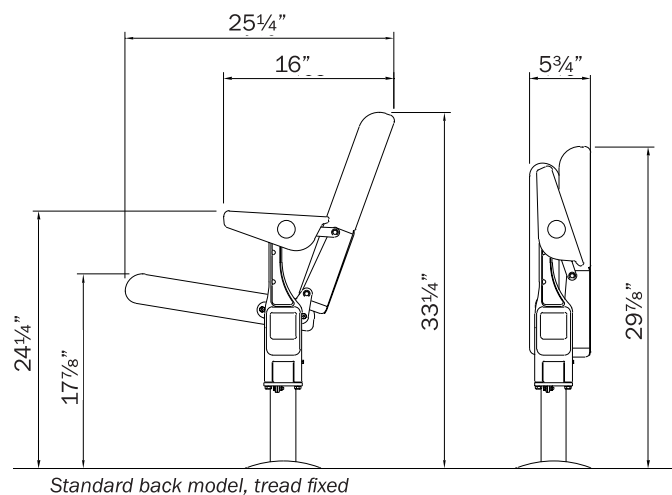
- Suitable for use on min 10¼" row rise / 31½" row depth retractable platforms

Options include a sprung seat core for outstanding support and decorative timber panels for the rear and/or under the seat. There is also a choice of three armrest designs, and an optional fold away writing tablet.



Removable Evolve chairs on our 'Matrix' floorbar system

NB: All dimensions are nominal.



Seat widths

(Measured between the centres of two adjoining chairs)

18⁷/₈" , 19¹/₄" , 19⁵/₈" , 20¹/₈" , 20¹/₂" , 20⁷/₈" , 21¹/₄" , 21⁵/₈" , 22" , 22¹/₂"

Telescopic system parameters

When mounted on a telescopic (retractable) system:

Minimum row depth = 31¹/₂" (33¹/₂" recommended for comfort)

Minimum row rise = 10¹/₄" (Add ³/₄" if a writing tablet or wooden back are specified)

Fixing methods

Beam mounted (tread or riser fixed), fold-down (for TX Telescopic Platforms) or matrix (for flat floor configurations).

Specification

Seat

2" polyurethane CMHR foam on ¹/₂" plywood core, fully upholstered.

Options:

- Pocket sprung seat core in place of plywood core.
- Veneered 'show-wood' timber under-seat panels - plain, slotted or perforated designs.

Backrest

1³/₄" polyurethane fabricated CMHR foam on ¹/₂" thick preformed plywood, upholstered.

Options:

- Veneered 'show-wood' timber back panels

Chair frame

Die cast one piece aluminum arm stanchion incorporating seat pivot assembly clamped to 2" x 2" x ¹/₈" steel tube cross beam. Finished in epoxy polyester powder coat, matt black RAL 9005.

Armrest

One piece black ABS injection molding.

Options:

- Timber
- Curved timber
- Upholstered



Top: Fold away writing tablet

Above: Timber, curved timber and upholstered armrests

Seat tip up mechanism

Counterweight tip up.

Tube end plugs

Injection molded low density polyethylene.

Standards

Strength and stability

Evolve is designed to comply with BS EN 12727:2000 level 4.

Flammability

Upholstery fabric and foam comply with BS 5852 1990 (sources BS EN 1021-1, 0; BS EN 1021-2, 1 and 5) or international standards as specified.

Variations

The following variations are available:

- Upright backrest geometry for correct posture in upper tiers
- "CC" (Concert Comfort) model with thick, sprung seat
- Fixed back model suitable for arena environments, where the back does not move as the seat is tipped up.

Other Accessories

- Seat dampner for soft action seat closing
- Seat numbers
- Aisle letters
- Cupholder (requires a small modification to the shape of the seatpan)
- Fold away writing tablet with anti-panic mechanism

