

Gravity Chair

Installation and User Manual



- CLASSIC VERSION - SMALL
#3770-0011
- CLASSIC VERSION - MEDIUM
#3770-0012
- CLASSIC VERSION - LARGE
#3770-0013
- CLASSIC VERSION - X-LARGE
#3770-0014
- WIPE-DOWN VERSION - SMALL
#3770-0021
- WIPE-DOWN VERSION - MEDIUM
#3770-0022
- WIPE-DOWN VERSION - LARGE
#3770-0023
- WIPE-DOWN VERSION - X-LARGE
#3770-0024

IMPORTANT CONSUMER INFORMATION NOTICE:

This manual contains important instructions that must be passed on to the user of this product. Please do not remove this manual before delivery to the end user.

SUPPLIER:

This manual must be given to the user of this product.

USER:

Before using this product, read entire manual and save for future reference.

medifab[®]

User Manual for Gravity Chair
Manual: GravityChair201810

Serial Number:

Introduction

Medifab recommends that a clinician such as an Occupational Therapist be consulted to determine if the Gravity Chair is appropriate for the user. To avoid injury, read, understand and follow all instructions and warnings in this manual before installing and using the Gravity Chair, particularly the Safety Precautions. Please note colours are subject to change.

What makes Gravity Special?

SUPPORTING THE ARMS in a position with elbows forward, so shoulders are at a natural, relaxed position, means high muscle tension is milder

The angle of the knee is LESS THAN 90°



Reclined seat and back mean that both sides of the chair keep the user's POSTURE STABLE without the use of belts and pads

Narrow shape SUPPORTS THE BODY in a good position

POSTERIOR/ANTERIOR TILT can be adjusted by the tilt wedge

1. Head Support: Ergonomical wave-shaped foam keeps the head position stable and prevents the head from falling sideways

2. Cover: Classic version has air-breathable fabric on user contact surfaces and rear back panel, with wipe-down in all other areas. Wipe-Down version is fully wipe-down, including internal contact surfaces where client is seated

3. Seat Liner: Air mesh fabric with quilted cushion inside keeps the back dry and comfortable

4. Spacer: Located beneath the cover under the hips. Can be removed to make sitting position deeper if necessary

5. Side Pocket: Store this user manual and other small belongings inside

6. Tilt Wedge: Use to recline the chair to the most appropriate position for the user



Gravity Chair Characteristics

Supportive Seating: Recline of the main body keeps the user in a stable position, and as the seat and back are always at right angles, the user's hips take the weight.

Soft: Because there are no hard parts at all, there is no pain in the body areas, which have contact with the chair.

Stable: Though the Gravity Chair is soft, it guarantees a stable seating position because it distributes pressure and movements, and the trunk is supported according to the body form.

Ability to absorb movement: Sudden movements caused by muscle tension or extensive stretching are absorbed, because the seating unit follows the movement by deformation. After the deformation it turns slowly and automatically to its original position.

Lateral support: In spite of an insufficient positioning control of the patient he/she will get into a good seating position due to the adjusting form of the chair. The narrow design of the chair leads the sitting person nearly always to a symmetrical position, especially, when the muscles are relaxed.

Easy adjustment: The Gravity Chair can be adjusted easily for patients with deformities and contractions by grinding away the foam.

Lightweight: The Gravity chair is light and easy to move around.

A great way to sit: If a client is always lying down during the day, step by step the times in a lying position can be reduced and the problems of permanent lying can be avoided when introducing the Gravity chair.



The aim is relaxation: Using the Gravity Chair as an alternative seating system makes life not so monotonous and the disadvantages of a permanent position are avoided.

This positive feeling becomes even more intensive, when the position inside or outside the Gravity Chair is often changed. Relaxing increases the possibility to communicate and makes it easier for the patient to have a good relation to his/her environment.

Four sizes for children to adults: Choose the size using the seat depth, which should be approximately 2 cm shorter than the length of the upper leg of the client. If the seat width is too small, it's easy to grind in the foam if necessary. If the seat width is too big, just use an additional cushion beside the user.

Upholstery cover care: The cover is comfortable and soft. It is made of 100% cotton and can be removed from the chair and washed in the washing machine. The specific material of the seating cushion infill absorbs sweat etc, and this can be washed also.

Recline & Use of the Tilt Wedge

Reclining is the most important factor of a Gravity Chair to keep optimum sitting position. The tilt wedge is easy to adjust and use to control the seating position. Recline the chair until the head and upper body become stable.

WARNING

Pay attention to those who have tonus and reflex movements. Special caregiver attention is required to prevent user slipping.



Posterior Tilt



Anterior Tilt



If the user has an insufficient postural balance to the left or right, tilt can be adjusted using the tilt wedge.

WARNING

Use caution to ensure that chair is in a stable position.

Tilt wedge cannot be used in conjunction with the mobile base.



Specifications

Measurements	Small	Medium	Large	X-Large
User Height	90-110cm	110-130cm	130-150cm	150-170cm
Seat Depth	26cm	32cm	40cm	45cm
Seat Width at Back	20cm	23cm	27cm	30cm
Seat Width at Front	27cm	30.5cm	37cm	40cm
Back Height	60cm	69cm	74cm	80cm
Total Chair Width	46cm	49cm	57cm	60cm
Total Chair Height	55cm	61cm	66cm	71cm
Total Chair Depth	60cm	71cm	82.5cm	91cm

Safety Precautions

A Gravity Chair can be referred to as the user's "second chair" to relax in - if the "primary chair" is used for dining, playing and studying. It is recommended that you alternate sitting patterns between the Gravity Chair and the users "primary chair".



WARNING

More than 30 minutes in the same position may cause the user pain. It is recommended to change sitting position regularly and/or get out of the chair every 30 minutes. For users who have difficulty changing their position themselves, special attention by the caregiver is needed.



WARNING

Never use the Gravity Chair close to fire, cigarettes, lighters or heaters.



WARNING

During usage, do not leave the user unsupervised. The user could lose balance which could cause dangerous situations.



WARNING

Do not use the Gravity Chair for other purposes than the original intent. Do not use it as a Car Seat. Do not play with it nor use it as a step stool. This may cause harm.

Maintenance and Cleaning

Use mild detergent to wipe off dirty covers and seat pad, or dry in the shade after washing with water. Seatpad is made from 100% polyester and Cover (main body/tilt wedge/headrest/pocket) is made from 100% cotton.



Do not dry clean	Do not bleach	Mechanical action reduced	Do not tumble dry	Dry in shade	Warm iron

WARNING

Pay special attention when you close the Gravity Chair Zipper. Do not force the zipper, to bit the edge of the inside urethane foam as this results in sticking and/or derailed zipper in the worst case (see Figure 1a).

When closing the zipper, pay utmost attention and zip it up very slowly and carefully pushing urethane foam edge inward wby fingers in order for the zipper not to bit the foam edge. Take special attention at the corners (see Figure 1b).



Gravity Chair Accessories

Therapy Tray Table

- Small (for size 1 and 2) 3770-7101-000
- Large (for size 3 and 4) 3770-7102-000
- Wide (for size 3 and 4) 3780-7103-000



Mobile Base complete with Locking Castors

- Size 1 3780-8701-000
- Size 2 3780-8702-000
- Size 3 3780-8703-000
- Size 4 3780-8704-000
- Stainless Steel Push Handle 3780-8720-021



Coloured Seat Liners

Small / Size 1

- Red 3770-0311-022
- Green 3770-0311-055
- Blue 3770-0311-066

Medium / Size 2

- Red 3770-0312-022
- Green 3770-0312-055
- Blue 3770-0312-066



Large / Size 3

- Red 3770-0313-022
- Green 3770-0313-055
- Blue 3770-0313-066

X-Large / Size 4

- Red 3770-0314-022
- Green 3770-0314-055
- Blue 3770-0314-066

Gravity Adjustable Table

Indent order only (available approximately 3 months from date of order).



Use of Belt Stoppers



WARNING

This is not a toy. Follow all the instructions and use only as instructed. Irregular use may cause serious injury to the user.



1. Lift up elastic then pick up the plastic D-loop buckle of the Seat belt and hook/hold it to the side by using the elastic ring of the Belt Stopper.



2. Repeat with other side.



3. Ensure Seat belt is fully opened each side and being held by the Belt Stoppers so that the user can sit into the chair without sitting on the Seat belt.



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