aidacare™
HEALTHCARE EQUIPMENT



Clinical Assistance Guide

Aspire Rehab RX2 Tilt-in-Space Wheelchair

1300 133 120 | sales@aidacare.com.au | aidacare.com.au

Aspire Rehab RX2 Tilt-in-Space Manual Wheelchair

Aspire Rehab RX2 Tilt-in-Space Wheelchair is designed to provide assistance and increased independence for individuals with limited mobility, are immobile or require sitting support and positioning.

The Aspire Rehab RX2 Tilt-in-Space Wheelchair can be propelled by the occupant via the rear wheel hand push rims, or by an attendant using the rear mounted push handles behind the backrest.

Ideal for both indoor and outdoor use, the wheelchair is suited to dry, hard and level surface terrain. The highly configurable seating system facilitates the scope to grow or shrink with changing occupant needs. The Aspire Rehab RX2 has passed international standards testing for safety, stability, durability and safe transportation of occupants in motor vehicles.

Constructed from lightweight aluminium, it is built for durability and long-term reliability. A wide range of accessories are available to broaden its application across acute, rehab, long-term care, aged care and community care environments.



FEATURES

- The **Rehab RX2** is designed for the **more complex user**, who requires assistance with **positioning, re-positioning and skin management**
- **Tilt (35°) and backrest recline (30°)** Facilitates weight re-distribution and the preservation of skin integrity. It also optimises user comfort, decreases user fatigue and assists with head control
- **Lightweight aluminium frame (from 27.7 kg)**: Minimises carer effort during pushing or manual handling, while supporting safer daily mobility and transport requirements
- **Contoured, built-up backrest and seat cushion:** Midline positioning is optimised through a gentle lumbar build up and moderate lateral supports in the backrest, along with abductor and adductor build-up in the seat cushion
- **Breathability**: Support surfaces offer multi-layered foam with breathable multi-stretch covers - for pressure re-distribution, comfort and to enhance skin microclimate
- **Elevating and swing-away legrests:** Support lower limb positioning, improve circulation, and make transfers easier
- **Quick-release, height and depth-adjustable 24 inch rear wheels and 6 inch castors**: Enhances manoeuvrability and allows for easier transport and storage
- **Highly adjustable:** Depth and width adjustable seat sizing. Depth and height adjustable and removable armrests, adjustable and removable armrests. Adjustable headrest.
- **Crash Tested** to AS/NZ3616.196
- **Anti-tippers are included as standard** and along with dual brakes (push-to-lock and drum brakes), provide enhanced stability and control
- **Customisable**: If further support is required through the seating system, the Aspire Rehab RX2 can accommodate a range of after-market backrests and cushion options. Ask the Aidacare Complex Rehab Team for further information

OPTIONAL ACCESSORIES

- Base frame extension
- 20” or 16” rear wheels with drum brake kits
- Tool free adjustment kit adjustment kit
- Stump supports
- Calf Strap
- Safety lap belt
- Oxygen bottle holder (bag also available)
- Lateral chest supports
- Meal tray
- IV pole
- Stroller handle

IDEAL USER CONDITIONS

- Wheelchair users who are unable to independently shift their body weight or adjust their posture. This could be due to:
  - A neurological condition such as a CVA, MND, Guillain Barre Syndrome
  - Frailty due to advanced age or dementia
- Wheelchair users who are unable to maintain pelvic, thoracic, or head position and/or balance against gravity for prolonged periods of time

CLIENT OUTCOMES

The Aspire Rehab Tilt-in-Space Wheelchair can assist user outcomes in the following ways:

Assistance to maintain a good position in the wheelchair:

- The Tilt-in-Space function uses gravity to assist carers to position the wheelchair user's pelvis well back in the wheelchair. The tilt function also assists the user or their carers to reposition the user throughout the day to maintain a good position and reduce complications associated with posterior pelvic tilt (sacral sitting) from sliding forward in the wheelchair or spasming resulting from a change in positioning
- Tilt-in-Space helps promote proper seating alignment and decreases the potential for postural deviations such as a posterior pelvic tilt, thoracic kyphosis, and/or lateral lean that can result from fatigue when the person is unable to maintain an upright posture against gravity

Reduced, or management of, pain or fatigue:

- It is not usual to sit in one position all day. We typically adjust our posture in response to pain, discomfort or fatigue. For those who have limited mobility, a Tilt-in-Space wheelchair enables a carer to alter the wheelchair user's posture to manage pain or fatigue, without the need to return the person to bed
- Tilting combats the effects of neck muscle weakness, providing a break from constantly holding the head up against gravity

Reduced muscle fatigue and improved comfort due to facilitation of postural change throughout the day:

- The high back and head rest, Tilt-in-Space and recline functions enable the user's posture to be supported and postural changes made to help reduce fatigue and the risk of developing pressure injuries, allowing the user to sit out of bed for longer periods of time than standard manual Wheelchair. This provides opportunities for socialisation, getting out and about on suitable terrain and enjoying activities and meals with others
- The Tilt-in-Space function provides respite from the effects of gravity on the upright posture. The user can be tilted and reclined to rest instead of transferred back to bed

Support for social activities and getting out and about:

- Upright positioning improves sight line for visual access, reach and function improving participation in activities
- The Rehab RX2 Wheelchair have been crash tested to AS/NZ3616.196 and have tie down points to enable the user to be transported in a suitable vehicle
  Note: MAXIMUM WEIGHT CAPACITY - 150KG however, the maximum weight capacity for safe transportation of an occupant in a motor vehicle is 135kg

Supported upright positioning for improved health outcomes:

- Respiration
  An upright, tilted and supported posture can counter the effects of gravity and fatigue on respiration allowing thoracic extension for improved lung function
- Feeding and digestion
  - A supported upright posture can reduce choking and aspiration risks as well as gastric reflux
  - For those requiring PEG feeding, the Rehab RX2 can support an upright posture as required after feeding
- Postural hypotension
  - Tilt-in-Space can provide appropriate positioning for clients who are at risk of postural hypotension or dizziness from sitting too upright
- Pressure care
  The Tilt-in-Space function of the Rehab RX2 enables postural change to redistribute body weight to a greater surface area (i.e., from the sacrum to the back) to help alleviate pressure areas
- The Rehab RX2 Tilt-in-Space Wheelchair can accommodate customised seating systems to further support posture and pressure redistribution

SPECIFICATIONS

Rehab RX2 Code	Seat Width mm / in	Seat Depth mm / in	Seat Height mm / in	Overall Width mm / in	Backrest Height mm / in	Armrest Height mm / in	Chair Weight kg / lbs	SWL kg / st
MWS449760	410 - 460 / 16 - 18	450 - 580 / 18 - 23	430 - 505 / 17 - 20	570 - 640 / 22.5 - 25	410 - 730 / 16 - 29	170 - 300 / 6.7 - 12	27.7 / 61	150 / 24
MWS449770	460 - 510 / 18 - 20	450 - 580 / 18 - 23	430 - 505 / 17 - 20	620 - 690 / 24 - 27	410 - 730 / 16 - 29	170 - 300 / 6.7 - 12	30 / 66	150 / 24
MWS449780	510 - 560 20 - 22	450 - 580 / 18 - 23	430 - 505 / 17 - 20	670 - 740 / 26 - 29	410 - 730 / 16 - 29	170 - 300 / 6.7 - 12	32.3 / 70	150 / 24

Note: Range of motion dimensions are accurate to a +/-10mm tolerance

WARRANTY

2 YEAR WARRANTY Frame

1 YEAR WARRANTY Components

COMPLIANCE

- Standard: AS3696-1:2008, AS3696-3:2008, AS3696-5:1989, AS3696-8:1998, ISO7176-7:1996 and the requirements of AS3695.1:2011 (except ignitibility, and materials)
- Crash Tested: AS/NZ3616.196

MAINTENANCE

Weekly	• Check brakes are functioning properly	
Periodically	• Check for signs of wear on front castors • Check for signs of wear on rear tyres	
Yearly	• Service to be completed by authorised Aspire Service Agent	
Serviceable Components	• Wheels and Tyres • Forks • Axles • Armrest receivers	• Cables and Gas Struts • Footrest Mounts • Footplates • Armrest Pads

Care for Your Chair

- The seat and backrest cushions can be removed for cleaning. All components can be cleaned with a damp cloth.
- Check tyre condition at least twice per month.
- Check that rear wheel spokes are not loose. Loose wheel spokes can reduce the strength of the rims and must be safely adjusted by a qualified technician.
- Always keep rear wheel quick release axles clean and free from dirt and hair build up.
- Should push rims become scratched these should be de-burred or replaced to avoid damage to skin
- Brakes should be checked regularly.

Should you have any doubts about the correct functioning of the wheelchair or of any of its components, please contact AIDACARE on 1300 133 120 or your local Aspire distributor. The tool kit provided will allow basic adjustments to the wheelchair, for further information on repairs and service contact AIDACARE on 1300 133 120.

AIDACARE KNOWLEDGE HUB

Aidacare Product Website
Aspire Rehab RX2 Tilt-in-space Wheelchair

Aspire Rehab RX2 Tilt-in-space
Wheelchair Flyer

Aspire Rehab RX2 Tilt-in-space
Wheelchair User Manual

Video Library
Choosing the Right Wheelchair for You

210426

© Aidacare Pty Ltd 2026. All rights reserved.