

INVACARE®
RELIANT™ 450
LIFTS



Invacare® Reliant™ Lifts were conceived to help reduce the possibility of caregiver back injury and to ensure dignity in resident handling. These high-quality lifts are comfortable, reliable and integral tools for caregivers. Invacare Reliant lifts support up to 450 lb., making potentially challenging transfers smooth for the resident and caregiver. The high lift range allows easy access to chairs, commodes, floors and beds (with at least 4.5" under-bed clearance). The sturdy and practical design of Reliant lifts provides the solution you need for success in the quest to provide safe and effective health care.

Invacare® Reliant™ Lift Features

Height range allows lifting from floor and high surfaces

Low friction casters significantly improve rollability and contribute to caregiver safety

Removable battery pack eliminates downtime and simplifies the charging process

Manual lowering for instant response to power loss

Electronic system includes two 24-volt batteries: one for lift, one for battery-charging station; a manual emergency lowering device; and an anti-entrapment feature if boom meets any resistance while lowering

Available with power opening base option (model # RPL450-2)

Multi-grip push handle is angled to minimize wrist strain

Base legs adjust easily and lock securely into open position with the padded shifter handle or optional power option

Total pinch-point protection covers all moving parts for added safety

Padded swivel bar with 360° rotation and six-point hook-up allows use of Invacare chain-free slings as well as older style slings with chains or straps

Attractive neutral design blends well into any environment

Covered base provides protection against wear, dirt and moisture

Manufactured in an ISO13485 facility



1 Rear Locking Brakes

Locking feature on 5" rear casters is standard on all models

2 Manual Lowering

Manual emergency lowering gently and safely lowers resident in case of total power loss

Essential safety feature

Manual lowering is easy and effortless. Simply insert the end of a ball point pen into the hole marked "emergency" or lift on the accessible ring-pull

3 Invacare® Reliant™ Digital Scale

Retrofits on all Reliant 450/600 lifts
Model # 9805 requires Reliant swivel bar

Easy to operate, four-button display

Automatic shut-off feature prolongs battery life

Two-year limited warranty

4 Hand Pendant

Ergonomic control with heavy-duty cord

Convenient pendant hook allows attachment and storage on multiple areas of lift

5 Electronics

Removable battery box conveniently located on mast features an emergency off button and beeps when battery needs recharged. Requires one 24-volt battery

Quick-release battery eliminates downtime

Anti-entrapment feature stops motion if boom meets resistance while lowering

6 Charging Station

Battery can be replaced immediately with second battery in wall-mounted charger

UL listed and CSA certified

Model #	Description
1075222	Reliant touch-up paint
1078276	Reliant replacement batteries
1143629	Reliant swivel bar kits
1143630	Extra-wide Reliant swivel bars
1079810	Reliant low base replacement kit (manual)
1088911	Reliant sling holder bag (four-pack)
RLS6	Reliant digital scale

Invacare® Reliant™ 450 Hydraulic Lift Features

Model # RHL450-1

Pump mechanism allows transfers of up to 450 lb. with minimal effort

Comfortable handle placement for ease of use

Wide base for maximum stability

Low maintenance

Limited warranty includes three years on lift, one year on pump

4.5" Under bed clearance

Invacare® Reliant™ 450 Battery-Powered Lift with Low Base Features

Model # RPL450-1

Removable battery easily charges overnight on wall-mounted charging station

Equipped with a quiet, long-life motor

Wide lift range for easier transfer

Wide base for maximum stability

4.5" Under bed clearance

Limited warranty includes three years on lift, one year on battery

150-300 lifts per charge*



Invacare® Reliant™ 450 Power Lift with Power Opening Low Base Features

Model # RPL450-2

Removable battery easily charges overnight on wall-mounted charging station

Equipped with a quiet, long-life motor

Wide lift range for easier transfer








Wide base for maximum stability






4.5" Under bed clearance

Limited warranty includes three years on lift, one year on battery

150-300 lifts per charge*



Model #	 Height At Sling Hook Up	 Base Dimensions	 Casters	 Weight	 Weight Capacity	 Low Battery Alarm	 Emergency Controls
RHL450-1	25"-71"	4.5"H Clearance 41"W Open 26.5"W Closed 48"L	3" Front 5" Rear	93 lb.	450 lb.	N/A	N/A
RPL450-1	24"-74"	4.5"H Clearance 41"W Open 26.5"W Closed 48"L	3" Front 5" Rear	106 lb.	450 lb.	Audio	Stop and Down
RPL450-2	24"-74"	4.5"H Clearance 41"W Open 26.5"W Closed 48"L	3" Front 5" Rear	109 lb.	450 lb.	Audio	Stop and Down

	 Battery	 Charge Time	 Charger Input	 Charger Output	 Limited Warranty
RHL450-1		N/A	N/A	N/A	3 Years Lift 1 Year Pump
RPL450-1	2-24V DC Rechargeable	6 hours	100-240V AC	29.5V DC	3 Years Lift 1 Year Electronics
RPL450-2	2-24V DC Rechargeable	6 hours	100-240V AC	29.5V DC	3 Years Lift 1 Year Electronics

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Complete instructions for lift usage and sling procedures are found in the Invacare Operating Manual.
Only Invacare slings and accessories should be used on Invacare lifts.