

**Healthier for children.
Simpler for you.**

rifton  **HTS**™



The Rifton HTS (tilt-in-space base) tilts forward and the footboard flips up out of the way facilitating sit to stand transfers.

The Rifton HTS

Hygienic, simple, affordable and adaptable to most toilets, the Rifton Hygiene and Toileting System (HTS) is designed to improve the health of a child and the life of a caregiver.

For tight budgets and tight spaces. The versatility of the Rifton HTS makes it ideal for anyone with budget and space limitations. Because it accommodates several activities – toileting, showering, bathing – the HTS eliminates the need to buy separate equipment for each activity.

For children, each element of the Rifton HTS provides the best opportunity for proper toileting, which research has shown is essential to children's health. Many elements, for example, help children maintain the positioning that promotes good toileting. The open seat design allows for optimal cleaning after toileting, the adjustable headrest makes showering easier and the entire system facilitates thorough cleaning.

For caregivers, the Rifton HTS is the paragon of adaptability. It can be used on, over or off a standard or elongated toilet (even the latest models); it can adjust to children as they grow; it includes accessories and supports for children of every size and need – all at a price that makes the Rifton HTS an exceptional value. As with every Rifton product, no tools are required, and adjustments are simple.

“After a year of unsuccessful training attempts with a particular student, we are excited to say that the first day we put him on a Rifton HTS he was so comfortable that he voided twice in the same day.”

Kerry Wright, PT
Orange Ulster BOCES, NY



The Rifton HTS is usable **ON** the toilet, attached with mounting bars...



...**OVER** the toilet, attached to a mobile economy base...



...and **OFF** the toilet with a mobile base and commode pan.

Any child, any toilet, any situation.



ON

Placing the Rifton HTS on any model of toilet, standard or elongated, enables the child to use the same toilet as the rest of the family. Mounting bars make for easy, secure attachment of the chair to the toilet base. Removal is just as easy, no tools required.



Mounting Bar for standard toilet



Mounting Bar for elongated toilet



OVER

Wheel the Rifton HTS over toilets of nearly any size and style, enabling the child to use the same toilet as the rest of the family. Or use the lower stationary base (on toilets up to 15" tall) so children can put their feet on the floor. Mobile version also doubles as a shower chair.





Stationary base



Mobile base

OFF

Use the Rifton HTS off the toilet as a stand-alone commode in any location, not just a bathroom.

TILT-IN-SPACE

Tilt the Rifton HTS forward (up to 15°) for easier transfer. Tilt backward (up to 15°) for the ideal chair for showering and hair washing. (See back cover.)



The chair that grows with the child.



Adjust the height

One frame accommodates both small and medium seats to allow for children's growth. Height adjusts from 15" to 21 $\frac{3}{8}$ ". The large seat requires a separate frame.



Adjust the seat depth

Seat depth adjusts 3"– 4" to fit the child. Overall depth ranges from 8" on the small Rifton HTS to 18" on the large model.



Adjust the backrest

The backrest can be adjusted 6° forward (for proper toileting position), 6° back and 18° back (to assist with showering and hair washing).

Which chair is larger?

The two chairs in the photo are exactly the same size: one is adjusted to its smallest setting, the other to its largest. Clearly, the Rifton HTS is designed to fit a wide range of sizes, body types and special needs, allowing room for growth over time or use by multiple children.

At left is the medium Rifton HTS set to accommodate both a 5-year-old and an 11-year-old child.

Fully adjustable. Even the price.



Above: The basic HTS (medium) with seat, back, seat belt and armrests

One of the most affordable toileting systems available today, the Rifton HTS can be configured in a myriad of ways to fit both your children and your budget. Options range from the basic model, with seat, back, base and armrests...

...to the fully accessorized version, with seat and back pads, headrest, butterfly harness, anterior support/tray, lateral supports, hip guides, commode pan, deflector, abductor, ankle straps, calfrest and footboard.



Above: The fully accessorized medium HTS



Easy lifts and transfers.



Lifts and transfers present a major challenge to successful toileting.



The Rifton HTS makes them easier with features like a gas-assisted spring tilt adjustment for **sit-to-stand transfers**, removable armrests for **lateral transfers** and a weight-bearing footboard (up to 150 lbs) for **front-loading transfers**.

Features of the HTS

No tools required

Tool-free adjustments, assembly and disassembly make toileting and cleaning easier for caregivers.

Bases

A selection of bases makes the Rifton HTS adaptable to a wide range of needs and budgets.



Mobile

(tilt-in-space with footboard)



Mobile

(non-tilt with footboard)



Stationary

(non-tilt with footboard)



Stationary

(non-tilt)



Mounting Bar

(standard toilet)



Mounting Bar

(elongated toilet)



It's easy to lift, remove and clean components of the Rifton HTS



Durable

Stainless steel and aluminum, welded and powder-coated frames give the Rifton HTS exceptional durability for years of service.



Foam molded cushions

Optional skin foam pads for back and seat provide comfort for children and easy disinfecting for caregivers.



Hygienic design

The unique design of the seat pad opening—open to the rear—facilitates easy access for cleaning and hygiene while clients are still seated and relaxed. Waterproof construction and easy disassembly make every element of the Rifton HTS easy to wash and disinfect.



Tilt-in-space

With its gas-assisted springs, the Rifton HTS tilts 15° forward for easier transfer, as well as 15° back for showering and hair washing.



Protects caregivers

Rifton's new splash guard protects your clothing saving you the inconvenience and time of cleaning up. Deflectors for the Rifton HTS come in three sizes to accommodate different clients.



Accessible for clients

Several Rifton HTS features make transfers simpler. Flip-up footboard and forward-tilting seat (on the tilt-in-space base) support easy transition from sit-to-stand; durability of footboard enables step-pivot transfers (up to 150 lbs); removable armrests facilitate lateral transfers.

Required Components for your HTS



Seat and back with seat belt

With molded contours and adjustability, the seat and back provide the comfort, support and forward-tilting position that facilitate toileting children with special needs. The seat adjusts every dimension—height (7"), depth (3") and width (4") using hip guides—while the back adjusts to three positions: 6° forward, 6° back and 18° back.

Choice of base or mounting bars



Mobile
(tilt-in-space with footboard)



Mobile
(non-tilt with footboard)



Stationary
(non-tilt with footboard)



Stationary
(non-tilt)



Mounting bar (standard toilet)
Standard toilets will measure 17" or less from the centerline of the seat bolts to the front edge of the porcelain bowl.



Mounting bar (elongated toilet)
Elongated toilets will measure more than 17" from the centerline of the seat bolts to the front edge of the porcelain bowl.

Mounting bars enable the Rifton HTS seat and back to be securely attached to any standard or elongated toilet, making the HTS easy to use in multiple locations and enabling shared use of a toilet with family members or classmates. Purchase one mounting bar for each toilet you wish to use for the HTS, as

the mounting bar remains permanently and unobtrusively in place between toilet bowl and seat at the back of the toilet. (The mounting bar does not impede opening and closing of the toilet seat and lid.) The Rifton HTS seat and back quickly hook onto the mounting bar whenever adaptive toileting support is required.

Choice of armrest



Low armrest



Medium armrest



High armrest

Armrests come in three heights and are easily removable for lateral transfers. The height selection allows the Rifton HTS to grow with the child or accommodate the needs of multiple children.

Accessories to customize your HTS



Seat and back pads

Integral skin foam pads are waterproof, cushioned and easily removed for disinfecting. The unique design of the seat pad opening—open to the rear—facilitates access for caregivers to perform necessary cleaning. An optional design features a closed seat back and narrower hole for clients that need more support when sitting.



Headrest

The curved headrest provides support for children with limited head control and adjusts in several directions: height, anterior/posterior position, up or down.



Butterfly harness

When adjusted to fit snugly and comfortably, the butterfly harness provides maximum anterior support—and thus safety, security and freedom of movement—for clients who have limited trunk control while sitting.



Anterior support/Tray

Padded anterior support/tray promotes the forward leaning positioning that, according to research, best facilitates the toileting process.



Lateral supports

Independently adjustable lateral supports secure children with limited trunk control. Laterals come in two sizes (small or large), with or without strap.



Lateral supports and chest strap

With the addition of a wide chest strap to the lateral supports, clients without upper torso control gain added trunk support and security to help correct spinal alignment.



Accessories to customize your HTS



Hip guides

Hip guides tailor the chair to the size and shape of each child, allowing for years of continual use as the child grows. They align the torso to aid trunk control and provide spine alignment. Hip guides adjust in two settings. For transfers, hip guides remove along with the armrests.



Pan

Facilitates off-toilet functionality with its generous capacity. Its durable plastic construction with a pour spout, makes clean-up simple. The pan attaches to the Rifton HTS by sliding in from the back. Its extra depth insures it will not spill, even when the chair is tilted.



Built-in deflector



Standard deflector



Splash guard

Deflectors

Deflectors keep caregiver and child clean during urination. Options include a low deflector built into the seat cover, a removable soft standard deflector and a splash guard that attaches to the seat belt.



Abductor

By separating the knees and helping to control leg muscles, the abductor prevents scissoring of the legs and promotes good joint and body alignment. Made of soft skin foam, it also connects to the standard deflector to maintain cleanliness during urination.



Calf rest and ankle straps

Using the calf rest enhances the child's comfort and sense of security, while ankle straps secure the feet of children with limited muscle control and excursion movement, enabling a moderate range of movement while improving independence in postural control.



Footboard

Bears weight (up to 150 lbs) for front-loading transfers and flips back for sit-to-stand. It adjusts in two dimensions (height and knee angle).



Tub base

The tub base adds even more versatility to the already versatile Rifton HTS. The small and medium seat and back attach to the tub base for comfortable showering and hair washing – eliminating the need to purchase a separate showering chair. The reduced footprint accommodates narrow and wide tub bottoms alike. Note: The tub base is not intended as a primary base.



Tub base (right) attaches to medium and small Rifton HTS seats and backs (purchased separately).

Portability base with carry bag

The portability kit gives children greater independence—and their families greater freedom to travel—by enabling them to take the Rifton HTS on the road. Lightweight folding frame and carry bag (for small and medium sizes) make toileting possible while traveling. Eliminates contact with public toilets for better hygiene. Note: The folding base is designed for use in exceptional situations, not as the primary base.

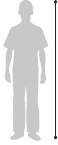


Portability kit includes folding base and carry bag with a section for the seat and back (purchased separately).



Dimensions of the HTS



User dimensions (inches)	Z110 small	Z120 medium	Z130 large
Height	30–46	42–56	50–74
 <p>Key user dimension: height The user's overall height is a general guide to help you select the appropriate size of HTS. Choose the model that allows for growth.</p> <p>Important: Make sure that seat width, depth and height are adequate for each individual user, and that the user's weight does not exceed the maximum weight recommended.</p>			
	Large will be available in the second half of 2014.		
Measurement range (inches)	Z110 small	Z120 medium	Z130 large
Overall width	21¼	21¼	23½
Seat (front) to footboard height*	8–13	10–15	13–18
Seat (front) to floor; mobile tilt frame	15–21½	15–21½	17–22½
Seat (front) to floor; mobile non-tilt frame	15½–20	15½–20	18–22
Seat (front) to floor; stationary non-tilt frame	12½–17	12½–17	15–19
Seat depth	8/9/10/11	11½/12½/13½/14½	14½/15½/16½/17½
Seat width	8/10/12	10/12/14	13/15/17
Armrest height	5¾	7	8¾
Backrest height above seat	16½	19½	24½
Backrest width	11½	13½	16
Tilt in space FORWARD	15°	15°	15°
Tilt in space BACK	15°	15°	15°
Backrest angle adjustment	6° fwd, 6° and 18° back	6° fwd, 6° and 18° back	6° fwd, 6° and 18° back
Frame weight—lbs	15	27½	45
Max. clear height under seat (tilt frame)	19	19	20
Max. clear height under seat (stationary non-tilt frame)	15	15	16½
Max. clear height under seat (mobile non-tilt frame)	18	18	19½
Portability base clearance (fits over ADA compliant toilets)	18½	18½	N/A
Max. working load—lbs	75	150	250

*When the mobile base is in the lowest positions and the footboard is fully extended, it may prevent the front casters from swiveling. In this case, either change the footboard angle or raise the seat height to give the casters room to swivel.

How to buy

- 1. Measure** your client to determine the size you need. (See dimension chart for help.)
- 2. Select** the appropriate Rifton HTS.
- 3. Choose** the accessories you need.
- 4. Add** up the total cost.
- 5. Order** online in minutes at **Rifton.com**, or by calling **800.571.8198**.
- 6. Call** us any time at **800.571.8198** if you need assistance. We're always here to help.



Large will be available in the second half of 2014.

		Z110 small	Z120 medium	Z130 large		
Required components	Seat and back (includes seat belt)	Z111 \$315 <input type="checkbox"/>	Z121 \$375 <input type="checkbox"/>	Z131 \$500 <input type="checkbox"/>		
	Base	CHOOSE	Mobile (tilt-in-space with footboard)	Z112 \$675 <input type="checkbox"/>	Z122 \$710 <input type="checkbox"/>	Z132 \$920 <input type="checkbox"/>
			Mobile (non-tilt with footboard)	Z113 \$475 <input type="checkbox"/>	Z123 \$510 <input type="checkbox"/>	Z133 \$720 <input type="checkbox"/>
			Stationary (non-tilt)	Z114 \$310 <input type="checkbox"/>	Z114 \$310 <input type="checkbox"/>	Z134 \$520 <input type="checkbox"/>
			Stationary (non-tilt with footboard)	Z184 \$375 <input type="checkbox"/>	Z185 \$410 <input type="checkbox"/>	Z186 \$620 <input type="checkbox"/>
			Mounting bar (standard toilet)	Z115 \$65 <input type="checkbox"/>	Z115 \$65 <input type="checkbox"/>	N/A
			Mounting bar (elongated toilet)	Z125 \$65 <input type="checkbox"/>	Z125 \$65 <input type="checkbox"/>	Z135 \$80 <input type="checkbox"/>
	Armrests	CHOOSE	Low	Z101 \$45 <input type="checkbox"/>	N/A	N/A
			Medium	Z102 \$50 <input type="checkbox"/>	Z102 \$50 <input type="checkbox"/>	Z102 \$50 <input type="checkbox"/>
			High	N/A	Z103 \$60 <input type="checkbox"/>	Z103 \$60 <input type="checkbox"/>
Optional accessories	Seat and back pads (recommended)	CHOOSE	Open seat pad	Z153 \$140 <input type="checkbox"/>	Z163 \$175 <input type="checkbox"/>	Z173 \$230 <input type="checkbox"/>
			Closed seat pad	Z154 \$140 <input type="checkbox"/>	Z164 \$175 <input type="checkbox"/>	Z174 \$230 <input type="checkbox"/>
	Headrest		Z104 \$160 <input type="checkbox"/>	Z104 \$160 <input type="checkbox"/>	Z104 \$160 <input type="checkbox"/>	
	Butterfly harness		Z116 \$86 <input type="checkbox"/>	Z126 \$90 <input type="checkbox"/>	Z136 \$110 <input type="checkbox"/>	
	Anterior support/ tray		Z145 \$152 <input type="checkbox"/>	Z155 \$190 <input type="checkbox"/>	Z165 \$250 <input type="checkbox"/>	
	Lateral supports (pair)	CHOOSE	Small	Z105 \$150 <input type="checkbox"/>	Z105 \$150 <input type="checkbox"/>	N/A
			Large	N/A	Z106 \$165 <input type="checkbox"/>	Z106 \$165 <input type="checkbox"/>
			Small with strap	Z107 \$190 <input type="checkbox"/>	Z107 \$190 <input type="checkbox"/>	N/A
			Large with strap	N/A	Z108 \$195 <input type="checkbox"/>	Z108 \$195 <input type="checkbox"/>
	Hip guides (pair)	CHOOSE	Small	Z109 \$90 <input type="checkbox"/>	Z109 \$90 <input type="checkbox"/>	Z109 \$90 <input type="checkbox"/>
			Large	N/A	N/A	Z149 \$100 <input type="checkbox"/>
	Pan		Z117 \$42 <input type="checkbox"/>	Z127 \$45 <input type="checkbox"/>	Z137 \$55 <input type="checkbox"/>	
	Deflector	CHOOSE	Standard	Z118 \$35 <input type="checkbox"/>	Z118 \$35 <input type="checkbox"/>	Z128 \$45 <input type="checkbox"/>
			Splash guard	Z119 \$40 <input type="checkbox"/>	Z119 \$40 <input type="checkbox"/>	Z129 \$50 <input type="checkbox"/>
	Abductor		Z124 \$80 <input type="checkbox"/>	Z124 \$80 <input type="checkbox"/>	Z144 \$95 <input type="checkbox"/>	
	Ankle straps (require footboard)		Z156 \$60 <input type="checkbox"/>	Z156 \$60 <input type="checkbox"/>	Z157 \$63 <input type="checkbox"/>	
	Calcrest (requires footboard)		Z158 \$50 <input type="checkbox"/>	Z158 \$50 <input type="checkbox"/>	Z159 \$53 <input type="checkbox"/>	
	Footboard (for mounting bar attachment)		Z146 \$140 <input type="checkbox"/>	Z147 \$175 <input type="checkbox"/>	Z148 \$218 <input type="checkbox"/>	
	Tub base		Z138 \$160 <input type="checkbox"/>	Z138 \$160 <input type="checkbox"/>	N/A	
	Portability base with carry bag		Z139 \$390 <input type="checkbox"/>	Z139 \$390 <input type="checkbox"/>	N/A	
Total		Z110 \$ _____	Z120 \$ _____	Z130 \$ _____		

The research is conclusive.

Recent research has clearly demonstrated the importance of proper positioning while toileting. At **Rifton.com/hts** you'll find resources that explain the findings—a sample letter of medical necessity, two articles on best practices for toileting—as well as measuring guides to determine which size is right for your situation.

To start making toileting simpler and healthier, please call customer service at 1.800.571.8198

Download our support materials at rifton.com/hts



LETTER OF MEDICAL NECESSITY

All the details needed to prepare a comprehensive LMN for the HTS



RESEARCH ARTICLE #1

Using Prompts to Improve Toilet Training for Children with Physical Disabilities



RESEARCH ARTICLE #2

Achieving Optimal Toileting Position for People with Disabilities

The optional tilt-in-space base enables the Rifton HTS to tilt 15° forward as well as 15° back for showering and hair washing.

rifton HTS™
800.571.8198