



# Züm-SP Folding Frame

MSRP – USA – USD  
Effective Oct 19, 2023

Date: \_\_\_\_\_

Dealer / Location: \_\_\_\_\_ T: \_\_\_\_\_ F: \_\_\_\_\_

PO# / Client: \_\_\_\_\_ Contact: \_\_\_\_\_ Email: \_\_\_\_\_

**Züm-SP** Folding Self Propel Mobile Shower Commode Chair. Includes aluminum frame, Fixed Back, 22" or 24" rear wheels, Quick-Release Axles, anti-tippers, flip-up padded arm supports, foot supports, front dual-locking 5" (125mm) casters and commode pan. Exclusive to Raz, IPAS helps reduce the possibility of pressure injury at key pressure points by providing up to 2" of fore/aft seat adjustment. **User weight capacity 352 lbs.**

For help with justification, please see our [Evaluation and Medical Justification Form](#).

**Need help with this order form? Call Raz customer service at (877) 720-5678**

## 1. Chair Code

Z22218	Züm-SP w/ 18"W frame – will fit over most toilets	\$2,995
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**There are many options and accessories that are compatible with the Zum-AP, but are not shown on this order form. Please contact our customer service department if you require an accessory that is not listed on this form.**

## 2. Seats – Standard – Please note that the Molded and VFI seats, formerly designated 16"D and 19"D, are now designated 17"D and 20"D, which is the center of the IPAS range and the position in which they are shipped from the factory.

Molded Seats (thickness ~2.5"-3")			Visco-Foam Interface Seats (thickness ~3.5")		
ZMS17FRO	18"W x 17"D – Front Access	Standard	ZVFI17BRI	18"W x 17"D – Front Bridged	\$425
ZMS17BRI	18"W x 17"D – Front Bridged	N/C	ZVFI17FRO	18"W x 17"D – Front Access	\$425
ZMS20FRO	18"W x 20"D – Front Access	\$135	ZVFI17LTO	18"W x 17"D – Left Access	\$425
ZMS20BRI	18"W x 20"D – Front Bridged	\$135	ZVFI17RTO	18"W x 17"D – Right Access	\$425
<b>Specialty Seats</b>			ZVFI17RRO	18"W x 17"D – Rear Access	\$425
ZSOM	Shower-Only Seat – Molded 18"W x 16"-21"D	\$425	ZVFI20BRI	18"W x 20"D – Front Bridged	\$495
ZEJRM	E&J Replica Seat – Molded – 18"W x 17"D	\$195	ZVFI20FRO	18"W x 20"D – Front Access	\$495
ZEJRV	E&J Replica Seat – Visco Foam – 18"W x 17"D	\$895	ZVFI20LTO	18"W x 20"D – Left Access	\$495
			ZVFI20RTO	18"W x 20"D – Right Access	\$495
			ZVFI20RRO	18"W x 20"D – Rear Access	\$495

### 3. Seats – Custom

For custom seats, please specify seat width and depth. Indicate if the access opening is to be in the Front, Left, Right or Rear. Select Bridged if an access opening is not required. See [Custom Seat Assessment Form – Resources tab at razdesigninc.com](#)

ZCSEAT	Custom Dual-Visco Foam Seat (enter specs below) <b>Select if both width and depth are ≤ 21"</b>	\$795
ZCEJR	Custom E&J Replica Seat (enter specs below) <b>Select if both width and depth are ≤ 21"</b>	\$995
ZCSOV	Custom Dual-Visco Foam Shower-Only Seat (no aperture, no drain hole)	\$595

#### Custom Specifications (for above custom seats)

- Custom Seat Width: \_\_\_ 18" / 20" (cannot be more than 2" wider than frame width)
  - Custom Seat Depth: \_\_\_ 16" / 17" / 18" / 19" / 20"
  - Access Opening: \_\_\_ FR – Front / LT – Left / RT – Right / RR – Rear / BR – Bridged
  - Access Opening Width: \_\_\_ 2.5" / 3.0" / **3.5"** / 4.0" / 4.5" / 5.0" (**3.5"W** is standard)
  - Aperture Width: \_\_\_ 3.0" to 8.0" (6.5" recommended) – enter "NA" if aperture is not required
- Unless otherwise requested, the width of the aperture (inside width dimension of the commode opening) will be 6.5" for custom seats.
  - Custom Seat width should not be narrower than 18"W.
  - Custom Seat can be up to 2" wider than seat frame width to provide additional thigh support. Consider using Arm Support Spacer Kit (ZASK05/10) to increase width between the arm supports by 1" or 2".
  - For Custom Seats, the Ischial Pelvic Alignment System (IPAS) allows +/- 1" fore / aft adjustment from specified custom seat depth.
  - Special modifications on Custom Seats include: leg-length discrepancy, soft spots, pressure-relief areas, contouring, pelvic obliquity accomodation, etc.

### 4. Fixed Back Frame – These are called “Fixed” Backs because the arms supports are not adjustable in height. Includes molded vinyl back support. Back heights are nominally measured from top of standard molded seat to top of back upholstery.

ZFBZ1817	Fixed Back – 17" Height <sup>1</sup>	Included
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<sup>1</sup> Arm Support Lock Kit not included [See Sec.7]

### 5. Rear Wheel, Caster and Anti-Tipper Options

ZRW22	22" Diameter Wheels w/ Textured Handrims <sup>1</sup>	Std	ZVH22	Vinyl-Coated Handrims for 22" (pr)	\$395
ZRW24	24" Diameter Wheels w/ Textured Handrims <sup>1</sup>	N/C	ZVH24	Vinyl-Coated Handrims for 24" (pr)	\$425
ZCBYOW	Wheels provided by client – includes custom machined axle blocks and axle receivers [See below for specs]	\$295	ZPH22	Projection Handrims – for 22" (pr)	\$595
ZATZSPRR	Rear Anti-Tippers (pr) – recommended	\$115	ZPH24	Projection Handrims – for 24" (pr)	\$655
			ZSTF1HZSP	Seat-To-Floor 1" higher (utilizes caster stem extensions and 24" rear wheels)	\$205
			ZSTF2HZSP	Seat-To-Floor 2" higher (utilizes caster stem extensions and custom axle block – can be ordered with 22" or 24" wheels )	\$495
			ZSTF1LZSP	Seat-To-Floor 1" lower (utilizes 22" rear wheels and 4" casters)	\$215

<sup>1</sup> Not included with Z6CBYOW

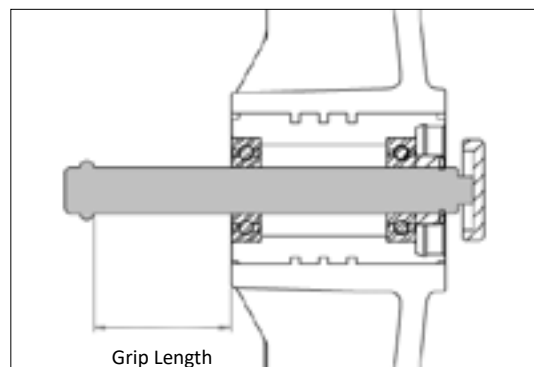
**BYOW (Custom – Bring Your Own Wheels) Option – Instead of ordering wheels from Raz for your Züm, you can use your wheelchair wheels if using 1/2" dia. quick release (QR) axles. Specify wheel diameter and the distance between the inner bearing and the locking balls (grip length) See drawing below.**

Wheel Diameter: \_\_\_\_\_" (Overall diameter, including tires)

QR Axle Grip Length: \_\_\_\_\_"

When a custom receiver is required, Raz will undersize the length by 1/8" in order to ensure full engagement of the axle. This will result in some lateral “slop” in the wheel, but will ensure that the locking balls that retain the axle in the receiver are fully extended. (see drawing)

If you need help with measuring this, please call Raz Customer Service directly.



## 6. Arm Support Accessories

ZARMS	Arm Support <sup>1</sup> (pr) – 10”L pad	Std	ZTRL	Molded Arm Trough <sup>3</sup> – Left (18.5”L x 4.5”W – fits ZARM13L)	\$110
ZARML	Arm Support (pr) – 13”L pad	N/C	ZTRR	Molded Arm Trough <sup>3</sup> – Right (18.5”L x 4.5”W – fits ZARM13R)	\$110
ZALK	Arm Support Locks (pr)	\$75	ZPAML	Pivoting Arm Mount – Left (for ZFAPLL / ZTRL)	\$165
ZFAPSL	Short Molded Flat Armpad <sup>3</sup> – Left (10”L x 3”W – fits ZARM10L)	\$90	ZPAMR	Pivoting Arm Mount – Right (for ZFAPLR / ZTRR)	\$165
ZFAPSR	Short Molded Flat Armpad <sup>3</sup> – Right (10”L x 3”W – fits ZARM10R)	\$90	ZPHGL	Pivoting Hand Grips (pr) - for 13”L arms	\$395
ZFAPLL	Long Molded Flat Armpad <sup>3</sup> – Left (14”L x 3.25”W – fits ZARM13L)	\$90	ZPHGS	Pivoting Hand Grips (pr) - for 10”L arms	\$395
ZFAPLR	Long Molded Flat Armpad <sup>3</sup> – Right (14”L x 3.25”W – fits ZARM13R)	\$90	ZAPSB	Anterior Posture Support Bar <sup>4</sup> – For 18”W back frames	\$225
<sup>1</sup> Not compatible with ZFAPL / ZFAPS / ZTR / ZPAM <sup>2</sup> For chairs with same back width and frame width only <sup>3</sup> May require ZASK05 / ZASK10 for Arm Support to flip up, depending on medial / lateral position of the Flat Arm Pad or Arm Trough <sup>4</sup> Not compatible with ZFAPL / ZFAPS / ZTR					

## 7. Foot and Leg Supports

ZFS	Foot Supports (pr) – 16”-20.5”	Std	ZADM	Adj Angle/Depth Molded Footplates <sup>2</sup> (pr)	\$120
ZFET2	Footrest Extension Tubes <sup>1</sup> (pr) – (2” longer)	\$50	ZFET2A	Footrest Extension Tubes (pr) – (2” longer) for ZADMFP	\$50
ZMFX8	MFX Foot Supports (pr) – 8”-12”	\$40	ZRLSL	Universal Residual Limb Support – Left	\$195
ZMFX12	MFX Foot Supports (pr) – 12”-16.5”	\$70	ZRLSR	Universal Residual Limb Support – Right	\$195
ZVS18	V-Style Foot Support (1-piece) 16”-20.5” – For 18”W base frames	\$295			
<sup>1</sup> Not compatible with ZMFX8 / ZADMFP <sup>2</sup> Not available for ZMFX8					

## 8. Foot and Leg Support Accessories

ZCS18	Calf Strap, Snap-On – Bodypoint Aeromesh – For 18”W base frames	\$105	ZAHL	Adjustable Heel Loop (pr)	\$60
ZCSIC18	Calf Strap, Snap-On – Infection Control – For 18”W base frames	\$95	ZNC	Neoprene Covers for Standard Footplate (pr)	\$90
ZHS1820	H-Strap – for 18”W frames – hook and loop attachment	\$90	ZNCA	Neoprene Cover for Angle/Depth Adjustable Footplates	\$90
			ZNCVS	Neoprene Cover for V-Style Foot Support	\$90

**9. Positioning Pads** – Pad Sizes: Small 5.5" x 3.5" / Large – 6.75" x 4.3".

**Lateral Thoracic Supports** – Pads on Lateral Thoracic Supports can be adjusted medially up to 3" per side. For up to 4.5" medial offset, specify ZLAEP extension plate.

ZLTS1L	Lateral Thoracic Support w/ Small Pad – Left	\$225
ZLTS1R	Lateral Thoracic Support w/ Small Pad – Right	\$225
ZLTS2L	Lateral Thoracic Support w/ Large Pad – Left	\$225
ZLTS2R	Lateral Thoracic Support w/ Large Pad – Right	\$225

**Extension Plates for Lateral Thoracic Supports and Hip / Leg Adductors**

These plates allow for an additional 1.5" medially and can be used on Lateral Thoracic Support, Hip and Leg Adductors

ZLAEP	Lateral/Adductor Extension Plate (ea)	\$28
Lateral Thoracic Support	Left      Right	
Leg Adductor	Left      Right	
Hip Adductor	Left      Right	
Total Quantity	_____	

**10. Pelvic and Chest Belts – A CHEST BELT MUST NEVER BE USED WITHOUT A PELVIC BELT!**

Pelvic Belts			Chest Belts		
ZPBM	Pelvic Belt – Medium (2-piece w/ side-release buckle)	\$50	ZCBM	Chest Belt – Medium (1-piece w/ hook and loop closure)	\$45
ZPBL	Pelvic Belt – Large (2-piece w/ side-release buckle)	\$50	ZCBL	Chest Belt – Large (1-piece w/ hook and loop closure)	\$45
ZPBICM	Infection Control Pelvic Belt <sup>1</sup> – Medium (2-piece w/ side-release buckle)	\$75	ZCBICM	Infection Control Chest Belt <sup>1</sup> – Medium (1-piece w/ side-release buckle)	\$75
ZPBICL	Infection Control Pelvic Belt <sup>1</sup> – Large (2-piece w/ side-release buckle)	\$85	ZCBICL	Infection Control Chest Belt <sup>1</sup> – Large (1-piece w/ side-release buckle)	\$85
ZPBBPM	Pelvic Belt – Bodypoint Aeromesh – Medium	\$215	ZCBBPM	Chest Belt <sup>2</sup> – Bodypoint Aeromesh – Medium	\$245
ZPBBPL	Pelvic Belt – Bodypoint Aeromesh – Large	\$215	ZCBBPL	Chest Belt <sup>2</sup> – Bodypoint Aeromesh – Large	\$245

<sup>1</sup> Non-absorbent belts – recommended for infection-control environments  
<sup>2</sup> Requires substitution of standard Zum back upholstery for upholstery from Fixed Back ZFB1818 (included in price)

**11. Urine Management**

ZIHW	Whizard – winged urine deflector – Has patent-pending lateral wings that are positioned under the medial aspect of the thighs to keep the Whizard in place.	\$67
ZSS	SplaShield – Molded urine deflector (must be held in place during use)	\$125
ZSC17	Splash Curtain <sup>1</sup> for 17"D Bridged Front Seats, Molded and VFI (surrounds entire aperture, raises seat 1/2").	\$325
ZSCS20	Splash Curtain <sup>1</sup> for 20"D Bridged Front Seats, Molded and VFI (surrounds entire aperture, raises seat 1/2").	\$345
ZSCFR	Splash Curtain for 17" / 20"D (at front of aperture only, not for Front Open Seats)	\$345
ZSCC	Custom Splash Curtain for Custom Seats – Raises seat 1/2"	\$345
ZSCSI	Slide-In Splash Curtain – Vinyl curtain, slides into commode pan brackets	\$345

<sup>1</sup> Bridged Front Seats only. For Left, Right, Front, and Rear Open, call for pricing.

**12. Other**

ZPSK1	Commode Pan Spacer Kit <sup>1</sup> – 1" lower	\$200
ZPSK2	Commode Pan Spacer Kit <sup>1</sup> – 2" lower	\$215
ZPSK3	Commode Pan Spacer Kit <sup>1</sup> – 3" lower	\$230
ZPSK4	Commode Pan Spacer Kit <sup>1</sup> – 4" lower	\$245

<sup>1</sup> Commode Pan Spacer Kits provide extra clearance for perianal care with pan in place. Increases height required to clear toilet.

**13. Credits and Omissions**

Z905	Omit Commode Pan and Mounting Brackets	-\$20	Z907	Omit Standard Foot Supports	-\$45
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**Some assembly of Raz products is required.**

**14. Notes:****Specifications****Züm-SP**

Weight Capacity	352 lbs (160 kg)
Overall Width	– Frame Open 25.25" (64 cm) – Frame Folded 13" (33 cm) – Frame Folded 7.5" (19 cm) (back assembly and wheels removed)
Overall Length	– with standard footrests 40" (102 cm) with 22" (56 cm) wheels – for SP, rear wheels in center position 41" (104 cm) with 24" (61 cm) wheels
Seat Width	18" (46 cm)
Clearance Height Under Seat	– with pan brackets 17.25" (43 cm) – without pan brackets 17.75" (45 cm)
Armrest Height Above Seat	8" (20 cm)
Seat-to-Floor Height	21.5" (55 cm)
Product Weight	57 lbs (26 kg)
Frame Materials	– base frame Aluminum – back frame and footrests Stainless Steel – hardware Stainless Steel