

117-160RH ALTO®



Round Front, SmartHeight™, Vitreous China, Two-Piece Toilet

FEATURES

- 3-bolt SmartFasten™ tank-to-bowl connection
- 1.6 gpf / 6.0 lpf low water consumption
- Round front SmartHeight™ bowl
- 2" flush tower
- Fluidmaster® anti-siphon pilot fill valve
- 12" rough-in
- Model 40RH chrome-plated, right hand, plastic trip lever
- 2" glazed trapway
- The Mansfield® Limited Lifetime Warranty
- Available in White



MODEL 117-160RH

Toilet seat not included





ROUND



SMARTHEIGHT ADA

COMPONENTS

MODEL #	DESCRIPTION	CODES/STANDARDS
117-160RH	Round front, SmartHeight™ two-piece toilet.	 
117	Round front, SmartHeight™ toilet bowl only. Less toilet seat. Specify color.	
160RH	Tank and cover only with right hand, front-mount, chrome-plated, plastic trip lever. Fluidmaster® anti-siphon pilot fill valve. Less supply.	
TANK TRIM & REPLACEMENT PARTS		
40RH	Trip lever - chrome-plated plastic trip lever, right hand	
211-1112	Flush tower	
400A	Fluidmaster® anti-siphon pilot fill valve	
630-0030	Replacement flush valve seal	
160-LID	Tank lid	



When properly installed, this product meets the requirements for the Americans with Disabilities Act of 1990 (ADA). Refer to local plumbing codes, as they may vary by location and application.

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SPECIFICATIONS

MODEL #	DESCRIPTION	CODES/STANDARDS
117-160RH	Round front SmartHeight™ (1.6 gpf / 6.0 lpf) two-piece toilet	 

MATERIAL	Vitreous China
WATER PRESSURE RANGE	20 to 80 PSI
FLUSH SYSTEM	2" Flush Tower
WATER USAGE	1.6 gpf / 6.0 lpf
WATER SURFACE AREA	8" X 9"
ROUGH-IN	12"
MaP RATING	800 grams

TRAP DIAMETER	2"
TRAP SEAL	2-7/8"
SHIPPING WEIGHT	Model 117 - 49 lbs. (22.2 kg) Model 160RH - 34 lbs. (15.4 kg)
WARRANTY	Vitreous China - Limited Lifetime Tank Trim - Limited One Year

TANK OPTIONS	TECHNICAL INFORMATION																								
	Note: these dimensions are nominal and subject to change without notice.																								
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Fixture performance and specifications meet or exceed ASME A112.19.2/CSA B45.1 standards, and other state and local codes.