117-180 ALTO®

MANSFIELD®

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 40 color-match, plastic trip lever
- · 2" glazed trapway
- · The Mansfield® Limited Lifetime Warranty
- · Available in White, Biscuit, and Bone



COMPONENTS

MODEL #	DESCRIPTION	CODES/STANDARDS		
117-180	Round front, SmartHeight™ two-piece toilet.			
117	Round front, SmartHeight™ toilet bowl only. Less toilet seat. Specify color.	UPO E		
180	Tank and cover only with left hand, front-mount, color-match, plastic trip lever. Fluidmaster® anti-siphon pilot fill valve. Less supply. Specify color.	C ® ADA COMPLIANT		
TANK TRIM & REPLACEMENT PARTS				
40	Trip lever - color-match, plastic trip lever, left 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
117-180	Round front SmartHeight™ (1.6 gpf / 6.0 lpf) two-piece toilet	C ® ADA COMPLIANT

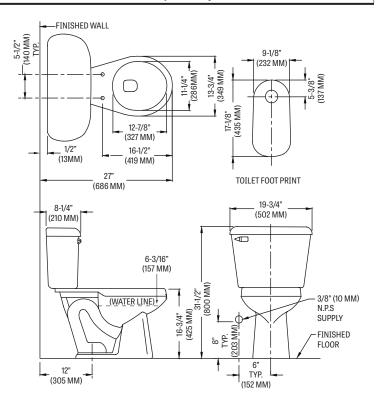
MATERIAL	Vitreous China
WATER PRESSURE RANGE	20 to 80 PSI
FLUSH SYSTEM	2" Flush Tower
WATER USAGE	1.6 gpf / 6.0 lpf
WATER SURFACE AREA	8" X 9"
ROUGH-IN	12"
MAP RATING	800 grams

TRAP DIAMETER	2"
TRAP SEAL	2-7/8"
SHIPPING WEIGHT	Model 117 - 49 lbs. (22.2 kg) Model 180 - 34 lbs. (15.4 kg)
WARRANTY	Vitreous China - Limited Lifetime Tank Trim - Limited One Year

TANK OPTIONS Standard 1.6 gpf configuration: 160 2" flush tower, Fluidmaster® anti-siphon pilot fill valve, left hand, chrome trip lever. **160RH** Variation of model 160, with right hand trip lever. 165 Variation of model 160, with cover lock. 170 Variation of model 160, with tank liner. Variation of model 160, with 2" flapper flush valve 172 and chrome trip lever. Variation of model 160, with 2" flapper flush valve 173 and color-match trip lever. 173RH Variation of model 173, with right hand trip lever. Variation of model 173, with tank liner. 174 Variation of model 160, with cover lock and tank 175 Variation of model 160, with color-match trip lever. 180 Variation of model 160, with color-match trip lever 190 and tank liner. 125 Variation of model 160, with 14" rough-in.

TECHNICAL INFORMATION

Note: these dimensions are nominal and subject to change without notice.



Fixture performance and specifications meet or exceed ASME A112.19.2/CSA B45.1 standards, and other state and local codes.