

# 117-3165 ALTO<sup>®</sup> 1.28

# MANSFIELD<sup>®</sup>

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

## FEATURES

- 3-bolt SmartFasten™ tank-to-bowl connection
- 1.28 gpf / 4.8 lpf high efficiency water consumption
- Uses 20% less water than conventional toilets
- Round front SmartHeight™ bowl
- 3-2" hybrid flapper flush valve
- Fluidmaster® anti-siphon pilot fill valve
- 12" rough-in
- Cover lock tank lid
- Model 31 color-match, plastic trip lever
- 2" glazed trapway
- The Mansfield® Limited Lifetime Warranty
- Available in White



**MODEL 117-3165**

Toilet seat not included



## COMPONENTS

MODEL #	DESCRIPTION	CODES/STANDARDS
117-3173	Round front, SmartHeight™ two-piece toilet.	  
117	Round front, SmartHeight™ toilet bowl only. Less toilet seat. Specify color.	
3165	Tank and cover only with left hand, front-mount, color-match, plastic trip lever. Fluidmaster® anti-siphon pilot fill valve and cover lock. Less supply.	

## TANK TRIM & REPLACEMENT PARTS

31	Trip lever – color-match, plastic trip lever, left hand
228	3-2" Hybrid flapper flush valve
400A	Fluidmaster® anti-siphon pilot fill valve
2206	Anti-siphon pilot fill valve (compatible replacement)
630-0207	3" Replacement flapper kit
165-LID	Tank lid (cover lock)
Part # 001238891	Locking hardware for cover lock tanks

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
117-3165	Round front SmartHeight™ (1.28 gpf / 4.8 lpf) two-piece toilet	  

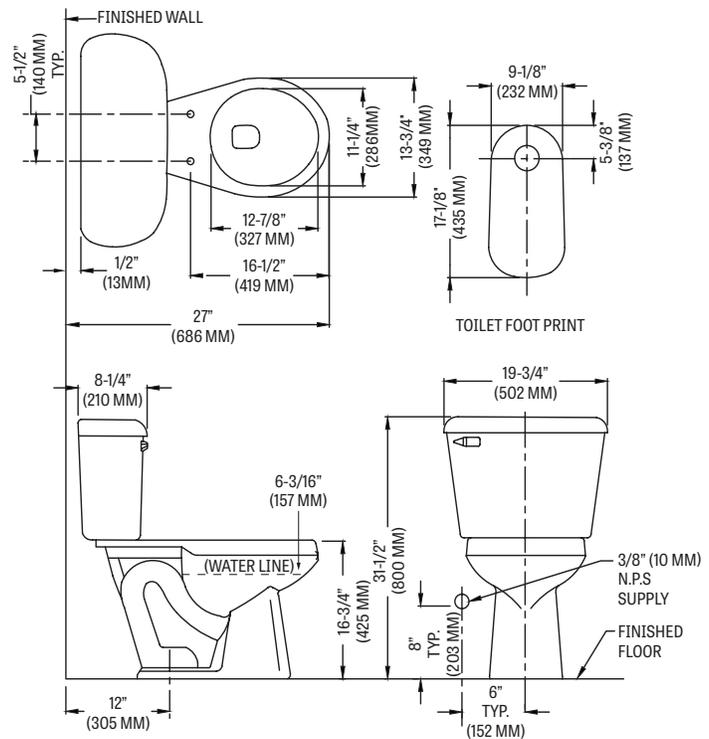
MATERIAL	Vitreous China
WATER PRESSURE RANGE	20 to 80 PSI
FLUSH SYSTEM	3-2" Hybrid flapper flush valve
WATER USAGE	1.28 gpf / 4.8 lpf
WATER SURFACE AREA	8' X 9'
ROUGH-IN	12"
MAP RATING	800 grams

TRAP DIAMETER	2"
TRAP SEAL	2-7/8"
SHIPPING WEIGHT	Model 117 - 49 lbs. (22 kg) Model 3165 - 34 lbs. (15 kg)
WARRANTY	Vitreous China - Limited Lifetime Tank Trim - Limited One Year

TANK OPTIONS	TECHNICAL INFORMATION
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3173	Standard 1.28 gpf configuration: 3-2" hybrid flapper flush valve, Fluidmaster® anti-siphon pilot fill valve, left hand, color-match trip lever.
3173RH	Variation of model 3173, with right hand, color-match trip lever.
3165	Variation of model 3173, with cover lock.
3174	Variation of model 3173, with tank liner.
3120	Variation of model 3173, with left hand, chrome trip lever.
3125	Variation of model 3173, 14" rough-in.

**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.

