117-3165 ALTO® 1.28

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



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. | HIGH EFFICIENCY C B ADA COMPLIANT | | | |
| TANK TRIM & R | 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 | HIGH EFFICIENCY TOLLET |

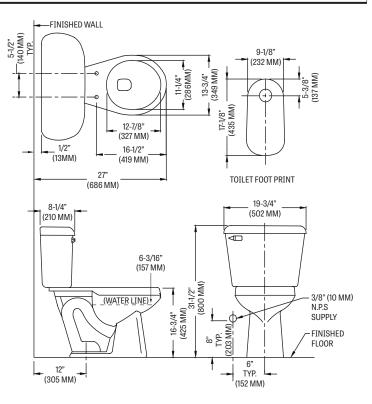
| MATERIAL | Vitreous China |
|----------------------|---------------------------------|
| WATER PRESSURE RANGE | 20 to 80 PSI |
| FLUSH SYSTEM | 3-2" Hybrid flapper flush valve |
| WATER USAGE | 1.28 gpf / 4.8 lpf |
| WATER SURFACE AREA | 8" X 9" |
| ROUGH-IN | 12" |
| MAP RATING | 800 grams |

| 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 | | | | |
|--------------|---|--|--|--|
| 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. | | | |

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.

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