

Maximum Performance (MaP)[®] of Toilet Fixtures - High-Efficiency (HET) Flushometer Valve/Bowl Combinations

IMPORTANT NOTE: The evaluation and MaP measurement of the flushometer bowl/valve combinations shown below was performed using the existing MaP protocol designed for residential applications. A more rigorous MaP protocol for non-residential (public restroom) applications is under consideration. Performance results may change if the combinations shown below are re-tested using a (proposed) new commercial protocol.

November 19, 2021

| MaP Report No. (for internal use) | Flushometer bowl | | | | | | | | | | Flushometer valve | | | | | | | |
|--------------------------------------|--------------------------|---|-----------------|-------------------|------|--------------------|---------------------------------|-----------------|------------------------------|--------------------------------|---------------------------------------|---------------------------|--------------------|-----------------------|--------------------------------------|---|------------------------|-------------------------------------|
| | Manufacturer of the Bowl | Bowl/ Valve Combination Number (if available) | Bowl Model Name | Bowl Model Number | Spud | Rough-in (inches)* | Round (R) or Elongated (E) bowl | ADA Height Bowl | Rear Discharge (Back Outlet) | Floor- (F) OR Wall-Mounted (W) | WaterSense Compliant Bowl (certified) | Manufacturer of the Valve | Valve Model Number | MaP Performance Score | 6-L (1.6-gal) Commercial Combination | 4.8-L (1.28-gal) HET Commercial Combination | Rated HET Flush Volume | Valve design: D=Diaphragm; P=Piston |

High-Efficiency (HET) Flushometer Valve/Bowl Combinations (1.28 gallon/4.8 litre max Effective Flush Volume)

| | | | | | | | | | | | | | | | | | | |
|----------------------|-------------------|-------------|--|---|------|------|---|-----|---|---|----|-------------------|-------------------------|-------|-----|------|---|----|
| 55-024 | American Standard | | Madera 1.28 EL | 2234 | Top | 10 | E | | | F | WS | American Standard | 6147.121 and 6147SM.121 | 1,000 | HET | 1.28 | D | |
| 23-077RN39-RN55 | American Standard | 2858128.020 | Madera 1.28 EL | 2234.001 | Top | | E | | | F | WS | American Standard | 6047.121 (manual) | 1,000 | HET | 1.28 | P | WS |
| 17-032RN33-RN49 | American Standard | 2234528.020 | Madera EL | 2234.001 | Top | 10 | E | | | F | WS | American Standard | 6065.121.002 (battery) | 1,000 | HET | 1.28 | P | WS |
| 55-027 | American Standard | | Afwall EC 1.28 EL (wall mount-ADA possible) | 2257 | Top | N.A. | E | ADA | R | W | WS | American Standard | 6147.121 and 6147SM.121 | 1,000 | HET | 1.28 | D | |
| 23-076RN39-RN55 | American Standard | 2856128.020 | Afwall 1.28 EL ADA | 2257.101 | Top | N.A. | E | ADA | R | W | WS | American Standard | 6047.121 (manual) | 1,000 | HET | 1.28 | P | WS |
| 23-076RN39-RN55 | American Standard | 2859128.020 | Afwall EC 1.28 EL ADA | 2257.101 | Top | N.A. | E | ADA | R | W | WS | American Standard | 6047.121 (manual) | 1,000 | HET | 1.28 | P | WS |
| 17-031RN33-RN49 | American Standard | 2257528.020 | Afwall EL ADA | 2257.101 | Top | N.A. | E | ADA | R | W | WS | American Standard | 6065.121.002 (battery) | 1,000 | HET | 1.28 | P | WS |
| 30-076RN46-RN62 | American Standard | | Afwall EL ADA (1.28 gal/flush) | 2257.101 | Top | N.A. | E | ADA | R | W | WS | American Standard | 6065.121.002 (battery) | 1,000 | HET | 1.28 | P | WS |
| 30-076RN46-RN62 | American Standard | | Afwall EL ADA (1.28 gal/flush) | 2634.101 | Rear | N.A. | E | ADA | R | W | WS | American Standard | 6065.121.002 (battery) | 1,000 | HET | 1.28 | P | WS |
| 55-021 | American Standard | | Madera 1.28 EL ADA | 3043 | Top | 10 | E | ADA | | F | WS | American Standard | 6147.121 and 6147SM.121 | 1,000 | HET | 1.28 | D | |
| 23-073RN39-RN55 | American Standard | 2857128.020 | Madera 1.28 EL ADA | 3043.001 | Top | | E | ADA | | F | WS | American Standard | 6047.121 (manual) | 1,000 | HET | 1.28 | P | WS |
| 17-033RN33-RN49 | American Standard | 3043528.020 | Madera EL ADA | 3043.001 | Top | 10 | E | ADA | | F | WS | American Standard | 6065.121.002 (battery) | 1,000 | HET | 1.28 | P | WS |
| 47-032 | American Standard | | Huron | 3341.001 | Rear | N.A. | E | ADA | R | F | WS | American Standard | 6065.121 (1.28 gpf) | 1,000 | HET | 1.28 | P | WS |
| 47-032 | American Standard | | Huron | 3342.001 | Rear | N.A. | E | ADA | R | F | WS | American Standard | 6065.121 (1.28 gpf) | 1,000 | HET | 1.28 | P | WS |
| 55-027 | American Standard | | Afwall EC 1.28 EL (wall mount-ADA possible) | 3351 | Top | N.A. | E | ADA | R | W | WS | American Standard | 6147.121 and 6147SM.121 | 1,000 | HET | 1.28 | D | |
| 43-019RN59 | American Standard | | Afwall EC 1.1 EL (wall mount-ADA possible) | 3351.001 | Top | N.A. | E | ADA | R | W | | Moen | 8310AC16 | 600 | HET | 1.28 | P | |
| 32-041RN48 | American Standard | | Afwall EC 1.1 EL (wall mount-ADA possible) | 3351.001 | Top | N.A. | E | ADA | R | W | | Moen | 8310M128 | 600 | HET | 1.28 | P | WS |
| 10-134RN28-RN44-RN60 | American Standard | | Afwall FloWise EL | 3351.101 | Top | N.A. | E | ADA | R | W | WS | Sloan | 111-1.28 (1-1/2") | 800 | HET | 1.28 | P | |
| 23-076RN39-RN55 | American Standard | 2856128.020 | Afwall EC 1.28 EL ADA (with EverClean) | 3351.101 | Top | N.A. | E | ADA | R | W | WS | American Standard | 6047.121 (manual) | 1,000 | HET | 1.28 | P | WS |
| 17-031RN33-RN49 | American Standard | 3351528.020 | Afwall EL ADA (with EverClean) | 3351.101 | Top | N.A. | E | ADA | R | W | WS | American Standard | 6065.121.002 (battery) | 1,000 | HET | 1.28 | P | WS |
| 30-076RN46-RN62 | American Standard | 3351528.020 | Afwall EC TS EL ADA (1.28 gal/flush) | 3351.101 | Top | N.A. | E | ADA | R | W | WS | American Standard | 6065.121.002 (battery) | 1,000 | HET | 1.28 | P | WS |
| 30-076RN46-RN62 | American Standard | | Afwall EC EL ADA (1.28 gal/flush) | 3353.101 | Rear | N.A. | E | ADA | R | W | WS | American Standard | 6065.121.002 (battery) | 1,000 | HET | 1.28 | P | WS |
| 55-024 | American Standard | | Madera 1.28 EL | 3451 | Top | 10 | E | | | F | WS | American Standard | 6147.121 and 6147SM.121 | 1,000 | HET | 1.28 | D | |
| 10-132RN28-RN44-RN60 | American Standard | | Madera FloWise EL | 3451.001 | Top | 10 | E | | | F | WS | Sloan | 111-1.28 (1-1/2") | 1,000 | HET | 1.28 | P | |
| 23-073RN39-RN55 | American Standard | 2855128.020 | Madera 1.28 EL ADA (with EverClean) | 3451.001 | Top | | E | ADA | | F | WS | American Standard | 6047.121 (manual) | 1,000 | HET | 1.28 | P | WS |
| 23-077RN39-RN55 | American Standard | 2855128.020 | Madera EC 1.28 EL | 3451.001 | Top | | E | | | F | WS | American Standard | 6047.121 (manual) | 1,000 | HET | 1.28 | P | WS |
| 17-032RN33-RN49 | American Standard | 3451528.020 | Madera EL (with EverClean) | 3451.001 | Top | 10 | E | | | F | WS | American Standard | 6065.121.002 (battery) | 1,000 | HET | 1.28 | P | WS |
| 55-021 | American Standard | | Madera 1.28 EL ADA | 3461 | Top | 10 | E | ADA | | F | WS | American Standard | 6147.121 and 6147SM.121 | 1,000 | HET | 1.28 | D | |
| 10-133RN28-RN44-RN60 | American Standard | | Madera FloWise EL ADA | 3461.001 | Top | 10 | E | ADA | | F | WS | Sloan | 111-1.28 (1-1/2") | 1,000 | HET | 1.28 | P | |
| 23-073RN39-RN55 | American Standard | 2854128.020 | Madera EC 1.28 EL ADA | 3461.001 | Top | | E | ADA | | F | WS | American Standard | 6047.121 (manual) | 1,000 | HET | 1.28 | P | WS |
| 23-077RN39-RN55 | American Standard | 2854128.020 | Madera 1.28 EL ADA (with EverClean) | 3461.001 | Top | | E | | | F | WS | American Standard | 6047.121 (manual) | 1,000 | HET | 1.28 | P | WS |
| 17-033RN33-RN49 | American Standard | 3461528.020 | Madera EL ADA (with EverClean) | 3461.001 | Top | 10 | E | ADA | | F | WS | American Standard | 6065.121.002 (battery) | 1,000 | HET | 1.28 | P | WS |
| 40-016RN56 | American Standard | | Priolo EL | 3690.001 | Top | 14 | E | | W | F | WS | American Standard | 6065.121 (1.28 gpf) | 1,000 | HET | 1.28 | P | WS |
| 13-092RN28-RN44-RN60 | American Standard | | Priolo EL ADA | 3695.001 | Top | N.A. | E | ADA | R | F | WS | Sloan | 111-1.28 (1-1/2") | 1,000 | HET | 1.28 | P | |
| 13-092RN28-RN44-RN60 | American Standard | | Priolo EL ADA | 3697.001 | Rear | N.A. | E | ADA | R | F | WS | Toto | TET 1 DNCR (1-1/2") | 1,000 | HET | 1.28 | P | |
| 25-051RN41-RN57 | American Standard | | Baby Devoro FV Universal HET (child's bowl height: 10.4-inch = 260 mm) | 2282.001-1.28 (child's bowl height: 10.4-inch = 260 mm) | Top | | | S | | F | WS | American Standard | 6065.121.002 | 800 | HET | 1.28 | P | WS |
| 26-009RN42-RN58 | American Standard | | Madera Youth FloWise (youth bowl height: 14-inch = 355 mm) | 2599.001 (youth bowl height: 14-inch = 355 mm) | Top | | E | | | F | WS | American Standard | 6065.525.002 | 800 | HET | 1.28 | P | WS |
| 30-076RN46-RN62 | American Standard | | Afwall EL ADA (1.28 gal/flush) | 2633.101 (w/BPL) | Top | N.A. | E | ADA | R | W | WS | American Standard | 6065.121.002 (battery) | 1,000 | HET | 1.28 | P | WS |
| 17-028RN33-RN49 | American Standard | | Huron EL ADA | 3312.001 OR 3313.001 (bed pan lugs) | Top | 12 | E | ADA | R | F | WS | American Standard | 6065.121.002 | 500 | HET | 1.28 | P | WS |

| MaP Report No. (for internal use) | Flushometer bowl | | | | | | | | | | Flushometer valve | | | | | | | |
|--------------------------------------|--------------------------|---|--|--|------|--------------------|---------------------------------|-----------------|------------------------------|--------------------------------|---------------------------------------|---------------------------|------------------------------|-----------------------|--------------------------------------|---|------------------------|-------------------------------------|
| | Manufacturer of the Bowl | Bowl/ Valve Combination Number (if available) | Bowl Model Name | Bowl Model Number | Spud | Rough-in (inches)* | Round (R) or Elongated (E) bowl | ADA Height Bowl | Rear Discharge (Back Outlet) | Floor- (F) OR Wall-Mounted (W) | WaterSense Compliant Bowl (certified) | Manufacturer of the Valve | Valve Model Number | MaP Performance Score | 6-L (1.6-gal) Commercial Combination | 4.8-L (1.28-gal) HET Commercial Combination | Rated HET Flush Volume | Valve design: D=Diaphragm; P=Piston |
| 15-106RN31-RN47 | HD Supply-Seasons | | Commercial EL | 564807 | Top | | E | | | F | | Sloan | 111-1.28 | 850 | | HET 1.28 | P | WS |
| 34-003RN50 | HD Supply-Seasons | | Commercial EL | 564807 | Top | | E | | | F | | Delta | 81T201-48 | 1,000 | | HET 1.28 | D | WS |
| 15-107RN31-RN47 | HD Supply-Seasons | | Commercial EL ADA | 564809 | Top | | E | ADA | | F | | Sloan | 111-1.28 | 800 | | HET 1.28 | P | WS |
| 34-002RN50 | HD Supply-Seasons | | Commercial EL ADA | 564809 | Top | | E | ADA | | F | | Delta | 81T201-48 | 1,000 | | HET 1.28 | D | WS |
| 15-167RN31-RN47 | Kohler | | Kingston EL (wall mount-ADA possible) | K-4323 | Rear | N.A. | E | ADA | R | W | WS | Kohler | K-10956 | 1,000 | | HET 1.28 | P | |
| 14-116RN31-RN47 | Kohler | | Kingston EL (wall mount-ADA possible) | K-4325 | Top | N.A. | E | ADA | R | W | WS | Kohler | K-10956 | 1,000 | | HET 1.28 | P | |
| 18-002RN36-RN52 | Kohler | | Anglesey EL ADA | K-4352 | Top | | E | ADA | | F | WS | Kohler | K-10956-CP | 1,000 | | HET 1.28 | P | |
| 23-054RN39-RN55 | Kohler | | Anglesey CH EL ADA | K-4352 | Top | N.A. | E | ADA | R | F | WS | Kohler | K-13517 (manual actuation) | 1,000 | | HET 1.28 | P | WS |
| 32-040RN48 | Kohler | | Highline EL ADA | K-4405 | Top | | E | ADA | | F | | Moen | 8310EFV | 1,000 | | HET 1.28 | P | |
| 46-050RN62 | Kohler | | Wellcome Ultra EL | K-96054 | Rear | 12 | E | | | F | WS | Kohler | K-13517-CP | 1,000 | | HET 1.28 | P | WS |
| 46-051RN62 | Kohler | | Highcliff Ultra EL ADA | K-96058 | Rear | 1.2 | E | ADA | | F | WS | Kohler | K-13517-CP | 1,000 | | HET 1.28 | P | WS |
| 46-059RN62 | Kohler | | Primary RF (child's bowl height: 10.5-inch = 267 mm) | K-96064 | Top | 10 | R | | | F | WS | Kohler | K-13517 (manual actuation) | 800 | | HET 1.28 | P | WS |
| 15-080RN31-RN47-RN63 | Mansfield | | Erie EL (wall mount-ADA possible) | 1301 | Rear | N.A. | E | ADA | R | W | | Zurn | ZTS6200EV | 1,000 | | HET 1.28 | P | |
| 27-012RN43-RN59 | Mansfield | | Baltic EL | 1311 | Top | | E | | | F | | Sloan | Royal 111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 27-018RN43-RN59 | Mansfield | | Baltic EL | 1311 | Rear | | E | | | F | | Sloan | Royal 111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 18-055RN36-RN52 | Mansfield | | Huron EL (rear outlet) | 1312 | Top | N.A. | E | | R | F | | Sloan | Royal 111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 27-017RN43-RN59 | Mansfield | | Huron EL ADA Floor Mount Rear Outlet | 1313 | Top | N.A. | E | ADA | R | F | | Sloan | Royal 111-1.28 | 800 | | HET 1.28 | D | WS |
| 15-079RN31-RN47-RN63 | Mansfield | | Adriatic EL ADA | 1319 | Top | | E | ADA | | F | | American Standard | 6065.121 | 1,000 | | HET 1.28 | P | WS |
| 27-013RN43-RN59 | Mansfield | | Adriatic EL ADA | 1319 | Rear | | E | ADA | | F | | Sloan | Royal 111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 15-081RN31-RN47-RN63 | Mansfield | | Erie EL (wall mount-ADA possible) | 1301BPL (with bedpan lugs) | Top | N.A. | E | ADA | R | W | | Zurn | ZTS6200EV | 1,000 | | HET 1.28 | P | |
| 15-078RN31-RN47-RN63 | Mansfield | | Adriatic EL ADA | 1319BPL (with bedpan lugs) | Top | | E | ADA | | F | | American Standard | 6065.121 | 1,000 | | HET 1.28 | P | WS |
| 28-064RN44-RN60 | PROFLO (Ferguson brand) | | ProFlo RF (child's bowl height: 10-inch = 254 mm) | PF1700BBHE (child's bowl height: 10-inch = 254 mm) | Top | | R | | | F | WS | Sloan | Royal 111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 36-015RN53 | Sloan Valve | | EL | ST2009 | Top | 10 | E | | | F | WS | Sloan | Crown 111-1.28 | 1,000 | | HET 1.28 | P | WS |
| 36-014RN53 | Sloan Valve | | EL | ST2009 | Top | 10 | E | | | F | WS | Sloan | ECOS 8111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 36-013RN53 | Sloan Valve | | EL | ST2009 | Top | 10 | E | | | F | WS | Sloan | ECOS HW 111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 36-011RN53 | Sloan Valve | | EL | ST2009 | Top | 10 | E | | | F | WS | Sloan | G2 Optima Plus 8111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 36-009RN53 | Sloan Valve | | EL | ST2009 | Top | 10 | E | | | F | WS | Sloan | Gem 2 111-1.28 | 1,000 | | HET 1.28 | P | WS |
| 36-007RN53 | Sloan Valve | | EL | ST2009 | Top | 10 | E | | | F | WS | Sloan | Solis 8111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 20-081RN36-RN53 | Sloan Valve | | EL | ST2010 | Rear | | E | | | F | WS | Sloan | Royal 120-1.28 | 1,000 | | HET 1.28 | D | WS |
| 36-031RN53 | Sloan Valve | | EL ADA | ST2029 | Top | 10 | E | ADA | | F | WS | Sloan | Crown 111-1.28 | 1,000 | | HET 1.28 | P | WS |
| 36-029RN53 | Sloan Valve | | EL ADA | ST2029 | Top | 10 | E | ADA | | F | WS | Sloan | ECOS 8111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 36-030RN53 | Sloan Valve | | EL ADA | ST2029 | Top | 10 | E | ADA | | F | WS | Sloan | ECOS HW 111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 36-027RN53 | Sloan Valve | | EL ADA | ST2029 | Top | 10 | E | ADA | | F | WS | Sloan | G2 Optima Plus 8111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 36-025RN53 | Sloan Valve | | EL ADA | ST2029 | Top | 10 | E | ADA | | F | WS | Sloan | Gem 2 111-1.28 | 1,000 | | HET 1.28 | P | WS |
| 36-023RN53 | Sloan Valve | | EL ADA | ST2029 | Top | 10 | E | ADA | | F | WS | Sloan | Solis 8111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 20-082RN36-RN53 | Sloan Valve | | EL ADA | ST2030 | Rear | | E | ADA | | F | WS | Sloan | Royal 120-1.28 | 1,000 | | HET 1.28 | D | WS |
| 36-021RN53 | Sloan Valve | | EL (wall mount-ADA possible) | ST2059 | Top | N.A. | E | ADA | R | W | WS | Sloan | Crown 111-1.28 | 1,000 | | HET 1.28 | P | WS |
| 36-020RN53 | Sloan Valve | | EL (wall mount-ADA possible) | ST2059 | Top | N.A. | E | ADA | R | W | WS | Sloan | ECOS 8111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 36-019RN53 | Sloan Valve | | EL (wall mount-ADA possible) | ST2059 | Top | N.A. | E | ADA | R | W | WS | Sloan | ECOS HW 111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 36-017RN53 | Sloan Valve | | EL (wall mount-ADA possible) | ST2059 | Top | N.A. | E | ADA | R | W | WS | Sloan | G2 Optima Plus 8111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 36-046RN52 | Sloan Valve | | EL (wall mount-ADA possible) | ST2059 | Top | N.A. | E | ADA | R | W | WS | Sloan | Gem 111-1.28 | 1,000 | | HET 1.28 | P | WS |
| 36-044RN52 | Sloan Valve | | EL (wall mount-ADA possible) | ST2059 | Top | N.A. | E | ADA | R | W | WS | Sloan | Solis 8111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 20-083RN36-RN53 | Sloan Valve | | EL (wall mount-ADA possible) | ST2060 | Rear | N.A. | E | ADA | R | W | WS | Sloan | Royal 143-1.28 | 1,000 | | HET 1.28 | D | WS |
| 36-040RN53 | Sloan Valve | | EL ADA | ST2229 | Top | 12 | E | ADA | | F | WS | Sloan | Crown 111-1.28 | 1,000 | | HET 1.28 | P | WS |
| 36-039RN53 | Sloan Valve | | EL ADA | ST2229 | Top | 12 | E | ADA | | F | WS | Sloan | ECOS 8111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 36-038RN53 | Sloan Valve | | EL ADA | ST2229 | Top | 12 | E | ADA | | F | WS | Sloan | ECOS HW 111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 36-036RN53 | Sloan Valve | | EL ADA | ST2229 | Top | 12 | E | ADA | | F | WS | Sloan | G2 Optima Plus 8111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 36-034RN53 | Sloan Valve | | EL ADA | ST2229 | Top | 12 | E | ADA | | F | WS | Sloan | Gem 111-1.28 | 1,000 | | HET 1.28 | P | WS |
| 32-117RN48 | Sloan Valve | | Efficiency Series EL ADA | ST2229 | Top | | E | ADA | | F | WS | Sloan | Royal 111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 36-042RN53 | Sloan Valve | | Efficiency Series EL ADA | ST2229 | Top | 12 | E | ADA | | F | WS | Sloan | Royal 111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 36-032RN53 | Sloan Valve | | Efficiency Series EL ADA | ST2229 | Top | 12 | E | ADA | | F | WS | Sloan | Solis 8111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 32-118RN48 | Sloan Valve | | Efficiency Series EL ADA (dual-flush) | ST2229 | Top | | E | ADA | | F | WS | Sloan | WES 111 - 1.6/1.1 DUAL FLUSH | 1,000 | | HET 1.28 | D | WS |
| 32-114RN48 | Sloan Valve | | Efficiency Series (child's bowl height: 10.5-inch = 267 mm) | ST2309 (child's bowl height: 10.5-inch = 267 mm) | Top | 10 | | | | F | WS | Sloan | Royal 111-1.28 | 1,000 | | HET 1.28 | D | WS |
| 32-115RN48 | Sloan Valve | | Efficiency Series Dual Flush (child's bowl height: 10.5-inch = 267 mm) | ST2309 (child's bowl height: 10.5-inch = 267 mm) | Top | 10 | | | | F | WS | Sloan | WES 111 - 1.6/1.1 DUAL FLUSH | 1,000 | | HET 1.28 | D | WS |
| 41-026RN57 | Sloan Valve | | EL (wall mount-ADA possible) | ST2469 | Rear | N.A. | E | ADA | R | W | WS | Sloan | Royal 152-1.28 | 1,000 | | HET 1.28 | D | WS |

| MaP Report No. (for internal use) | Flushometer bowl | | | | | | | | | | | Flushometer valve | | | | | | | |
|--------------------------------------|--------------------------|---|--|--|------|---------------------|---------------------------------|-----------------|------------------------------|--------------------------------|---------------------------------------|---------------------------|--|-----------------------|--------------------------------------|---|------------------------|-------------------------------------|--|
| | Manufacturer of the Bowl | Bowl/ Valve Combination Number (if available) | Bowl Model Name | Bowl Model Number | Spud | Rough-in (inches) * | Round (R) or Elongated (E) bowl | ADA Height Bowl | Rear Discharge (Back Outlet) | Floor- (F) OR Wall-Mounted (W) | WaterSense Compliant Bowl (certified) | Manufacturer of the Valve | Valve Model Number | MaP Performance Score | 6-L (1.6-gal) Commercial Combination | 4.8-L (1.28-gal) HET Commercial Combination | Rated HET Flush Volume | Valve design: D=Diaphragm; P=Piston | WaterSense Compliant Valve (certified) |
| 51-014 | Toto | | EL | CT705E or CT705U | Top | 12 | E | | | F | WS | Toto | TET 1LA32 OR TET 6LA32 OR TET2LA31/32/33 OR TET3LA31/32/33 | 800 | | HET | 1.28 | P | WS |
| 42-001RN58 | Toto | | EL | CT705ELN* | Top | 12 | E | ADA | | F | WS | Toto | TET 1LA32 OR TET 6LA32 OR TET2LA31/32/33 OR TET3LA31/32/33 | 800 | | HET | 1.28 | P | WS |
| 13-040RN28-RN44-RN60 | Toto | | EL ADA | CT705ELN* | Top | N.A. | E | ADA | | F | WS | Toto | TMT 1LN-32 (manual valve) | 1,000 | | HET | 1.28 | P | |
| 42-001RN58 | Toto | | EL | CT705EN* | Top | 12 | E | | | F | WS | Toto | TET 1LA32 OR TET 6LA32 OR TET2LA31/32/33 OR TET3LA31/32/33 | 800 | | HET | 1.28 | P | WS |
| 13-039RN28-RN44-RN60 | Toto | | EL | CT705EN* | Top | N.A. | E | | | F | WS | Toto | TMT 1LN-32 (manual valve) | 1,000 | | HET | 1.28 | P | |
| 13-039RN28-RN44-RN60 | Toto | | EL | CT705EN* | Top | N.A. | E | | | F | WS | Toto | TMT 1LN-32 (manual valve) | 1,000 | | HET | 1.28 | P | |
| 51-013 | Toto | | EL (wall mount-ADA possible) | CT708E* | Top | N.A. | E | ADA | R | W | WS | Toto | TET 1LA32 OR TET 6LA32 OR TET2LA31/32/33 OR TET3LA31/32/33 | 1,000 | | HET | 1.28 | P | WS |
| 13-041RN28-RN44-RN60 | Toto | | EL (wall mount-ADA possible) | CT708E* | Top | N.A. | E | ADA | R | W | WS | Toto | TMT 1LN-32 (manual valve) | 1,000 | | HET | 1.28 | P | |
| 13-042RN28-RN44-RN60 | Toto | | EL (wall mount-ADA possible) | CT708EV | Rear | N.A. | E | ADA | R | W | WS | Toto | TMT 1LN-32 (manual valve) | 1,000 | | HET | 1.28 | P | |
| 28-064RN44-RN60 | Tynan | | Brady RF (child's bowl height: 10-inch = 254 mm) | 4505HE (child's bowl height: 10-inch = 254 mm) | Top | | R | | | F | WS | Sloan | Royal 111-1.28 | 1,000 | | HET | 1.28 | D | WS |
| 21-090RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | Z6000AV-HET | 800 | | HET | 1.28 | D | WS |
| 21-090RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | Z6000PL-HET | 800 | | HET | 1.28 | D | |
| 21-088RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | Z6200-HET | 800 | | HET | 1.28 | P | WS |
| 21-088RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | Z6200PL-HET | 800 | | HET | 1.28 | P | |
| 21-090RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6000AV-HET | 800 | | HET | 1.28 | D | WS |
| 21-089RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6000AV-HET-IS | 800 | | HET | 1.28 | D | WS |
| 21-090RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6000AV-HET-IS | 800 | | HET | 1.28 | D | WS |
| 21-090RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6000PL-HET | 800 | | HET | 1.28 | D | |
| 21-089RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6000PL-HET-IS | 800 | | HET | 1.28 | D | |
| 21-090RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6000PL-HET-IS | 800 | | HET | 1.28 | D | |
| 21-088RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6200-HET | 800 | | HET | 1.28 | D | WS |
| 21-088RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6200-HET-IS | 800 | | HET | 1.28 | D | WS |
| 21-088RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6200PL-HET | 800 | | HET | 1.28 | D | |
| 21-088RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6200PL-HET-IS | 800 | | HET | 1.28 | D | |
| 21-090RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZER6000AV-HET | 800 | | HET | 1.28 | D | WS |
| 21-090RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZER6000PL-HET | 800 | | HET | 1.28 | D | |
| 21-088RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZER6200-HET | 800 | | HET | 1.28 | P | |
| 21-088RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZER6200PL-HET | 800 | | HET | 1.28 | P | |
| 21-090RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZR6000AV-HET | 800 | | HET | 1.28 | D | |
| 21-090RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZR6000PL-HET | 800 | | HET | 1.28 | D | |
| 36-104RN52 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZTR6200EV | 1,000 | | HET | 1.28 | P | WS |
| 12-043RN28-RN44-RN60 | Zurn | | EL (wall mount-ADA possible) | Z5615-BWL (wall-hung-back outlet) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZTS6200EV | 800 | | HET | 1.28 | P | |
| 21-090RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | Z6000AV-HET | 800 | | HET | 1.28 | D | WS |
| 21-090RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | Z6000PL-HET | 800 | | HET | 1.28 | D | |
| 21-088RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | Z6200-HET | 800 | | HET | 1.28 | P | WS |
| 21-088RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | Z6200PL-HET | 800 | | HET | 1.28 | P | |
| 21-090RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6000AV-HET | 800 | | HET | 1.28 | D | WS |
| 21-089RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6000AV-HET-IS | 800 | | HET | 1.28 | D | WS |
| 21-090RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6000AV-HET-IS | 800 | | HET | 1.28 | D | WS |

| MaP Report No. (for internal use) | Flushometer bowl | | | | | | | | | | | Flushometer valve | | | | | | | |
|--------------------------------------|--------------------------|---|---|--|------|---------------------|---------------------------------|-----------------|------------------------------|--------------------------------|---------------------------------------|---------------------------|----------------------|-----------------------|--------------------------------------|---|------------------------|-------------------------------------|--|
| | Manufacturer of the Bowl | Bowl/ Valve Combination Number (if available) | Bowl Model Name | Bowl Model Number | Spud | Rough-in (inches) * | Round (R) or Elongated (E) bowl | ADA Height Bowl | Rear Discharge (Back Outlet) | Floor- (F) OR Wall-Mounted (W) | WaterSense Compliant Bowl (certified) | Manufacturer of the Valve | Valve Model Number | MaP Performance Score | 6-L (1.6-gal) Commercial Combination | 4.8-L (1.28-gal) HET Commercial Combination | Rated HET Flush Volume | Valve design: D=Diaphragm; P=Piston | WaterSense Compliant Valve (certified) |
| 21-090RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6000PL-HET | 800 | | HET | 1.28 | D | |
| 21-089RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6000PL-HET-IS | 800 | | HET | 1.28 | D | |
| 21-090RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6000PL-HET-IS | 800 | | HET | 1.28 | D | |
| 21-088RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6200-HET | 800 | | HET | 1.28 | D | WS |
| 21-089RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6200-HET-IS | 800 | | HET | 1.28 | D | WS |
| 21-088RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6200PL-HET | 800 | | HET | 1.28 | D | |
| 21-088RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZEMS6200PL-HET-IS | 800 | | HET | 1.28 | D | |
| 21-090RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZER6000AV-HET | 800 | | HET | 1.28 | D | WS |
| 21-090RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZER6000PL-HET | 800 | | HET | 1.28 | D | |
| 21-088RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZER6200-HET | 800 | | HET | 1.28 | P | |
| 21-088RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZER6200PL-HET | 800 | | HET | 1.28 | P | |
| 21-090mRN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZR6000AV-HET | 800 | | HET | 1.28 | D | |
| 21-090RN37-RN53 | Zurn | | EL (wall mount-ADA possible) | Z5616-BWL (wall-hung-back outlet with BPL) | Top | N.A. | E | ADA | R | W | WS | Zurn | ZR6000PL-HET | 800 | | HET | 1.28 | D | |
| 52-002 | Zurn | | EcoVantage EL (wall mount-ADA possible) | Z5617-BWL | Rear | N.A. | E | ADA | R | W | WS | Zurn | Z61****-HET | 1,000 | | HET | 1.28 | D | WS |
| 52-003 | Zurn | | EcoVantage EL (wall mount-ADA possible) | Z5617-BWL | Rear | N.A. | E | ADA | R | W | WS | Zurn | Z62****-HET | 1,000 | | HET | 1.28 | P | WS |
| 52-002 | Zurn | | EcoVantage EL (wall mount-ADA possible) | Z5617-BWL | Rear | N.A. | E | ADA | R | W | WS | Zurn | ZEMS61****-HET | 1,000 | | HET | 1.28 | D | WS |
| 52-002 | Zurn | | EcoVantage EL (wall mount-ADA possible) | Z5617-BWL | Rear | N.A. | E | ADA | R | W | WS | Zurn | ZEMS62****-HET | 1,000 | | HET | 1.28 | P | WS |
| 52-003 | Zurn | | EcoVantage EL (wall mount-ADA possible) | Z5617-BWL | Rear | N.A. | E | ADA | R | W | WS | Zurn | ZER61****-HET | 1,000 | | HET | 1.28 | D | WS |
| 52-002 | Zurn | | EcoVantage EL (wall mount-ADA possible) | Z5617-BWL | Rear | N.A. | E | ADA | R | W | WS | Zurn | ZER62****-HET | 1,000 | | HET | 1.28 | P | WS |
| 52-003 | Zurn | | EcoVantage EL (wall mount-ADA possible) | Z5617-BWL | Rear | N.A. | E | ADA | R | W | WS | Zurn | ZH61****-HET | 1,000 | | HET | 1.28 | D | WS |
| 52-003 | Zurn | | EcoVantage EL (wall mount-ADA possible) | Z5617-BWL | Rear | N.A. | E | ADA | R | W | WS | Zurn | ZH62****-HET | 1,000 | | HET | 1.28 | P | WS |
| 31-047RN47-RN63 | Zurn | | EcoVantage EL | Z5635-BWL (back outlet) | Top | N.A. | E | | R | F | | Zurn | Z6000AV-HET (manual) | 800 | | HET | 1.28 | D | WS |
| 31-046RN47-RN63 | Zurn | | EcoVantage EL | Z5635-BWL (back outlet) | Top | N.A. | E | | R | F | | Zurn | ZTR6200EV | 800 | | HET | 1.28 | P | WS |
| 31-045RN47-RN63 | Zurn | | EcoVantage EL | Z5637-BWL (back outlet) | Rear | N.A. | E | | R | F | | Zurn | Z6000AV-HET (manual) | 800 | | HET | 1.28 | D | WS |
| 31-044RN47-RN63 | Zurn | | EcoVantage EL | Z5637-BWL (back outlet) | Rear | N.A. | E | | R | F | | Zurn | ZTR6200EV | 800 | | HET | 1.28 | P | WS |
| 30-063RN46-RN62 | Zurn | | EcoVantage EL ADA | Z5645-BWL (back outlet, with BPL) | Top | N.A. | E | ADA | R | F | | Zurn | Z6000AV-HET (manual) | 800 | | HET | 1.28 | D | WS |
| 30-062RN46-RN62 | Zurn | | EcoVantage EL ADA | Z5645-BWL (back outlet, with BPL) | Top | N.A. | E | ADA | R | F | | Zurn | ZTR6200EV | 800 | | HET | 1.28 | P | WS |
| 30-063RN46-RN62 | Zurn | | EcoVantage EL ADA | Z5645-BWL (back outlet) | Top | N.A. | E | ADA | R | F | | Zurn | Z6000AV-HET (manual) | 800 | | HET | 1.28 | D | WS |
| 30-062RN46-RN62 | Zurn | | EcoVantage EL ADA | Z5645-BWL (back outlet) | Top | N.A. | E | ADA | R | F | | Zurn | ZTR6200EV | 800 | | HET | 1.28 | P | WS |
| 30-065RN46-RN62 | Zurn | | EcoVantage EL ADA | Z5647-BWL (back outlet) | Rear | N.A. | E | ADA | R | F | | Zurn | Z6000AV-HET (manual) | 800 | | HET | 1.28 | D | WS |
| 30-064RN46-RN62 | Zurn | | EcoVantage EL ADA | Z5647-BWL (back outlet) | Rear | N.A. | E | ADA | R | F | | Zurn | ZTR6200EV | 800 | | HET | 1.28 | P | WS |
| 41-013RN57 | Zurn | | EL | Z5655-BWL1 | Top | 12 | E | ADA | | F | WS | Zurn | ZTR6200EV | 1,000 | | HET | 1.28 | P | WS |
| 41-013RN57 | Zurn | | EL | Z5656-BWL1 w/BPL | Top | 12 | E | ADA | | F | WS | Zurn | ZTR6200EV | 1,000 | | HET | 1.28 | P | WS |
| 41-013RN57 | Zurn | | EL | Z5657-BWL1 w/AM glaze | Rear | 12 | E | ADA | | F | WS | Zurn | ZTR6200EV | 1,000 | | HET | 1.28 | P | WS |
| 12-042RN28-RN44-RN60 | Zurn | | EL ADA | Z5665-BWL HET | Top | 12 | E | ADA | | F | WS | Zurn | ZTS6200EV | 1,000 | | HET | 1.28 | P | |
| 41-012RN57 | Zurn | | EL ADA | Z5665-BWL1 | Top | 12 | E | ADA | | F | WS | Zurn | ZTR6200EV | 1,000 | | HET | 1.28 | P | WS |
| 41-012RN57 | Zurn | | EL ADA | Z5666-BWL1 w/BPL | Top | 12 | E | ADA | | F | WS | Zurn | ZTR6200EV | 1,000 | | HET | 1.28 | P | WS |
| 41-012RN57 | Zurn | | EL ADA | Z5667-BWL1 w/AM glaze | Rear | 12 | E | ADA | | F | WS | Zurn | ZTR6200EV | 1,000 | | HET | 1.28 | P | WS |

Notes: *-Rough-in dimension shown is the actual dimension of the tested installation; some bowls on this list may accommodate BOTH 10-inch and 12-inch rough-in
RF – Round-front toilet bowl
EL – Elongated-front toilet bowl
N.A. - Wall (rear) outlet bowl. Rough-in dimension is NOT applicable.
S - Special bowl height for child installations as follows:
Amer Std Approx. 10.4 inches to 14 inches (260 to 355 mm)
Gerber Approx. 13.4 inches (340 mm)
ADA-Meets bowl-height requirements of Americans with Disabilities Act; does NOT imply that fixture meets any other ADA requirements.
G - Gallons per Flush
L - Litres per Flush
BPL - Bowl with Bed Pan Lugs