

# Maximum Performance (MaP)<sup>®</sup> 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.

September 7, 2019

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)

*Scroll down for 1.1 gallon/4.0 litre combinations*

10-132RN28-RN44	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	
10-132RN28-RN44	American Standard		Olimpico Flux EC 1.1 EL ADA	3451S001MX	Top	10	E			F		Sloan	111-1.28 (1-1/2")	1,000	HET	1.28	P	
10-132RN28-RN44	American Standard		Madera FloWise EL	3452.001 (w/bedpan lugs)	Top	10	E			F	WS	Sloan	111-1.28 (1-1/2")	1,000	HET	1.28	P	
10-133RN28-RN44	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	
10-133RN28-RN44	American Standard		Madera FloWise EL ADA	3462.001 (w/bedpan lugs)	Top	10	E	ADA		F	WS	Sloan	111-1.28 (1-1/2")	1,000	HET	1.28	P	
10-134RN28-RN44	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	
10-134RN28-RN44	American Standard		Afwall FloWise EL	3352.101 (w/bedpan lugs)	Top	N.A.	E	ADA	R	W	WS	Sloan	111-1.28 (1-1/2")	800	HET	1.28	P	
13-092RN28-RN44	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	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	
13-092RN28-RN44	American Standard		Priolo EL ADA	3696.001 (w/bed pan lugs)	Top	N.A.	E	ADA	R	F	WS	Sloan	111-1.28 (1-1/2")	1,000	HET	1.28	P	
13-092RN28-RN44	American Standard		Priolo EL ADA	3698.001 (w/ bed pan lugs)	Rear	N.A.	E	ADA	R	F	WS	Toto	TET 1 DNCR (1-1/2")	1,000	HET	1.28	P	
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
17-028RN33-RN49	American Standard		Huron EL ADA	3312.001 OR 3313.001 (bed pan lugs) (UPC bar code 3305683469)	Top	12	E	ADA	R	F	WS	American Standard	6047.121 (manual)	500	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
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
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
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
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
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
23-073RN39	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
23-073RN39	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
23-073RN39	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
23-076RN39	American Standard	2856128.020	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
23-076RN39	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
23-076RN39	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
23-077RN39	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
23-077RN39	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
23-077RN39	American Standard	2854128.020	Madera 1.28 EL (with EverClean)	3461.001	Top		E			F	WS	American Standard	6047.121 (manual)	1,000	HET	1.28	P	WS
25-051RN41	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	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	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	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
30-076RN46	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	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
30-076RN46	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
30-076RN46	American Standard		Afwall EC EL ADA (1.28 gal/flush)	3352.101 (w/BPL)	Top	N.A.	E	ADA	R	W	WS	American Standard	6065.121.002 (battery)	1,000	HET	1.28	P	WS
30-076RN46	American Standard		Afwall EC EL ADA (1.28 gal/flush)	3354.101 (rear outlet w/BPL)	Top	N.A.	E	ADA	R	W	WS	American Standard	6065.121.002 (battery)	1,000	HET	1.28	P	WS
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
40-016	American Standard		Priolo EL	3690.001	Top	14	E			F	WS	American Standard	6065.121 (1.28 gpf)	1,000	HET	1.28	P	WS
43-019	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
47-032	American Standard		Huron	3341.001	Top	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
43-005	AMTC	AEF**1012T12	None EL	AUT-1012	Top	10	E			F	WS	AMTC	AEF-801-CT-12	800	HET	1.28	D	WS
43-005	AMTC	HSM1012T12	None EL	AUT-1012	Top	10	E			F	WS	AMTC	HSM-801-CT-12	800	HET	1.28	D	WS
43-005	AMTC	MF1012T12	None EL	AUT-1012	Top	10	E			F	WS	AMTC	MF-700-T12	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
43-004	AMTC	AEF**1012AT12	None EL ADA	AUT-1012A	Top	10	E	ADA		F	WS	AMTC	AEF-801-**CT-12	800	HET	1.28	D	WS
43-004	AMTC	HSM1012AT12	None EL ADA	AUT-1012A	Top	10	E	ADA		F	WS	AMTC	HSM-801-CT-12	800	HET	1.28	D	WS
43-004	AMTC	MF1012AT12	None EL ADA	AUT-1012A	Top	10	E	ADA		F	WS	AMTC	MF-700-T12	800	HET	1.28	D	WS
43-003	AMTC	AEF**1012WT12	None EL (wall mount-ADA possible)	AUT-1012W	Top	N.A.	E	ADA	R	W	WS	AMTC	AEF-801-**CT-12	800	HET	1.28	D	WS
43-003	AMTC	HSM1012WT12	None EL (wall mount-ADA possible)	AUT-1012W	Top	N.A.	E	ADA	R	W	WS	AMTC	HSM-801-CT-12	800	HET	1.28	D	WS
43-003	AMTC	MF1012WT12	None EL (wall mount-ADA possible)	AUT-1012W	Top	N.A.	E	ADA	R	W	WS	AMTC	MF-700-T12	800	HET	1.28	D	WS
16-045RN32-RN48	Briggs		Carlton EL	7711	Top		E			F		Sloan	Royal 111-1.28	800	HET	1.28	D	WS
45-001	Briggs		None RF	7751	Back	12	R			R	F	Sloan	Royal 111-1.28	1,000	HET	1.28	D	WS
16-166RN32-RN48	Briggs		Sultan EL ADA	7781	Top	N.A.	E	ADA	R	W		Sloan	Royal 111-1.28	800	HET	1.28	D	WS
50-041	Briggs		None EL ADA	7791	Top	10	E	ADA		F		Sloan	Royal 111-1.28	1,000	HET	1.28	D	WS
16-139RN32-RN48	Conrac		Colter EL	4762BEU	Rear		E			F		Sloan	Royal 111-1.28	600	HET	1.28	D	WS
15-106RN31-RN47	Conrac		Colter Commercial EL	4762BEX	Top		E			F		Sloan	111-1.28	850	HET	1.28	P	WS
34-003RN50	Conrac		Colter Commercial EL	4762BEX	Top		E			F		Delta	81T201-48	1,000	HET	1.28	D	WS
16-138RN32-RN48	Conrac		Clay EL	4762BOU	Rear		E			F		Sloan	Royal 111-1.28	550	HET	1.28	D	WS
15-107RN31-RN47	Conrac		Clay Commercial EL ADA	4762BOX	Top		E	ADA		F		Sloan	111-1.28	800	HET	1.28	P	WS
34-002RN50	Conrac		Clay Commercial EL ADA	4762BOX	Top		E	ADA		F		Delta	81T201-48	1,000	HET	1.28	D	WS
53-009	Conrac		Clark EL (wall mount-ADA possible)	4762CEU	Rear	N.A.	E	ADA	R	W	WS	Moen	8310M128	600	HET	1.28	P	WS
16-137RN32-RN48	Conrac		Clark EL (wall mount-ADA possible)	4762CEU	Rear	N.A.	E	ADA	R	W	WS	Sloan	Royal 111-1.28	550	HET	1.28	D	WS
15-105RN31-RN47	Conrac		Clark Commercial EL (wall mount-ADA possible)	4762CEX	Top	N.A.	E	ADA	R	W	WS	Sloan	111-1.28	800	HET	1.28	P	WS
34-001RN50	Conrac		Clark Commercial EL (wall mount-ADA possible)	4762CEX	Top	N.A.	E	ADA	R	W	WS	Delta	81T201-48	1,000	HET	1.28	D	WS
53-010 & 43-018	Conrac		Clark Commercial EL (wall mount-ADA possible)	4762CEX	Top	N.A.	E	ADA	R	W	WS	Moen	8310M128	800	HET	1.28	P	WS
46-040	Duravit		Stark 3 (wall-mount - ADA possible)	256009	Back	N.A.	S	ADA	R	W	WS	Toto	TET 2LN-31	600	HET	1.28	P	
44-093	Gerber		None EL (wall mount-ADA possible)	25-033	Top	N.A.	E	ADA	R	W	WS	Sloan	116-1.28	600	HET	1.28	D	
32-072RN48	Gerber		North Point 1.28 EL (ADA possible)	25-038	Top	N.A.	E	ADA	R	W	WS	Sloan	Royal 111-1.28	1,000	HET	1.28	D	WS
22-030RN38-RN54	Gerber		North Point 1.28 EL ADA	25-733	Top		E	ADA		F	WS	Sloan	Royal 111-1.28	1,000	HET	1.28	D	WS
22-029RN38-RN54	Gerber		North Point 1.28 EL	25-833	Top		E			F	WS	Sloan	Royal 111-1.28	1,000	HET	1.28	D	WS
22-028RN38-RN54	Gerber		North Point 1.28 EL ADA	25-878	Top	N.A.	E	ADA	R	F		Sloan	Royal 111-1.28	1,000	HET	1.28	D	WS
15-105RN31-RN47	Hajoca Mainline		Commercial EL (wall mount-ADA possible)	MLS10409	Top	N.A.	E	ADA	R	W		Sloan	111-1.28	800	HET	1.28	P	WS
34-001RN50	Hajoca Mainline		Commercial EL (wall mount-ADA possible)	MLS10409	Top	N.A.	E	ADA	R	W		Delta	81T201-48	1,000	HET	1.28	D	WS
15-106RN31-RN47	Hajoca Mainline		Commercial EL	MLS10410	Top		E			F		Sloan	111-1.28	850	HET	1.28	P	WS
34-003RN50	Hajoca Mainline		Commercial EL	MLS10410	Top		E			F		Delta	81T201-48	1,000	HET	1.28	D	WS
15-107RN31-RN47	Hajoca Mainline		Commercial EL ADA	MLS10411	Top		E	ADA		F		Sloan	111-1.28	800	HET	1.28	P	WS
34-002RN50	Hajoca Mainline		Commercial EL ADA	MLS10411	Top		E	ADA		F		Delta	81T201-48	1,000	HET	1.28	D	WS
15-105RN31-RN47	HD Supply-Seasons		Commercial EL (wall mount-ADA possible)	564805	Top	N.A.	E	ADA	R	W		Sloan	111-1.28	800	HET	1.28	P	WS
34-001RN50	HD Supply-Seasons		Commercial EL (wall mount-ADA possible)	564805	Top	N.A.	E	ADA	R	W		Delta	81T201-48	1,000	HET	1.28	D	WS
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	WS
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	WS
23-053RN39	Kohler		Kingston EL (wall mount-ADA possible)	K-4325	Top	N.A.	E	ADA	R	W	WS	Kohler	K-13517 (manual actuation)	1,000	HET	1.28	P	WS
18-002RN36-RN52	Kohler		Anglesey EL ADA	K-4352	Top		E	ADA		F	WS	Kohler	K-10956-CP	1,000	HET	1.28	P	WS
23-054RN39	Kohler		Anolesev 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
23-055RN39	Kohler		Highline EL ADA	K-4405	Top		E	ADA		F		Kohler	K-13517 (manual actuation)	1,000	HET	1.28	P	WS
43-017	Kohler		Highline EL ADA	K-4405	Top	10	E	ADA		F		Moen	8310AC16	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	WS
12-001RN28-RN44	Kohler		Highline EL ADA	K-4405 and K-4405L bowls	Top		E	ADA		F		Kohler	K-10956	1,000	HET	1.28	P	WS
25-034RN41	Kohler		Wellworth EL	K-4406	Top		E			F		Sloan	GEM 111-1.28	1,000	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	WaterSense Compliant Valve (certified)
10-143RN28-RN44	Kohler		Wellworth EL	K-4406	Top		E			F		Kohler	K-10956	1,000		HET	1.28	P	
23-056RN39	Kohler		Wellworth EL	K-4406	Top		E			F		Kohler	K-13517 (manual actuation)	1,000		HET	1.28	P	WS
26-012RN42	Kohler		Wellworth EL	K-4406	Top		E			F		Sloan	Royal 111-1.28	1,000		HET	1.28	D	WS
46-050	Kohler		Wellcome Ultra EL	K-96054	Rear	12	E			F	WS	Kohler	K-13517-CP	1,000		HET	1.28	P	WS
46-051	Kohler		Highcliff Ultra EL ADA	K-96058	Rear	12	E	ADA		F	WS	Kohler	K-13517-CP	1,000		HET	1.28	P	WS
46-059	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	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	Mansfield		Baltic EL	1311	Top		E			F		Sloan	Royal 111-1.28	1,000		HET	1.28	D	WS
27-018RN43	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	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	Mansfield		Adriatic EL ADA	1319	Top		E	ADA		F		American Standard	6065.121	1,000		HET	1.28	P	WS
27-013RN43	Mansfield		Adriatic EL ADA	1319	Rear		E	ADA		F		Sloan	Royal 111-1.28	1,000		HET	1.28	D	WS
15-081RN31-RN47	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	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	ProFlo		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
20-081RN36-RN53	Sloan Valve		EL	ST2010	Rear		E			F	WS	Sloan	Royal 120-1.28	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
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
30-038RN46	Sloan Valve		EL (wall mount-ADA possible)	ST2059	Top	N.A.	E	ADA	R	W	WS	Sloan	Royal 111-1.28	1,000		HET	1.28	D	WS
30-040RN46	Sloan Valve		EL (wall mount-ADA possible)	ST2059	Top	N.A.	E	ADA	R	W	WS	Sloan	Royal Uppercut 1.6 / 1.1 DUAL FLUSH	1,000		HET	1.28	D	
30-041RN46	Sloan Valve		EL ADA	ST2029	Top	10	E	ADA		F	WS	Sloan	Royal 111-1.28	1,000		HET	1.28	D	WS
30-043RN46	Sloan Valve		EL ADA	ST2029	Top	10	E	ADA		F	WS	Sloan	Royal Uppercut 1.6 / 1.1 DUAL FLUSH	1,000		HET	1.28	D	
30-044RN46	Sloan Valve		EL	ST2009	Top	10	E	ADA		F	WS	Sloan	Royal 111-1.28	1,000		HET	1.28	D	WS
30-045RN46	Sloan Valve		EL	ST2009	Top	10	E	ADA		F	WS	Sloan	Royal Uppercut 1.6 / 1.1 DUAL FLUSH	1,000		HET	1.28	D	
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	
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
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	
36-007RN53	Sloan Valve		EL	ST2009	Top	10	E			F	WS	Sloan	Solis 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	
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
36-013RN53	Sloan Valve		EL	ST2009	Top	10	E			F	WS	Sloan	ECOS HW 111-1.28	1,000		HET	1.28	D	WS
36-014RN53	Sloan Valve		EL	ST2009	Top	10	E			F	WS	Sloan	ECOS 8111-1.28	1,000		HET	1.28	D	WS
36-015RN53	Sloan Valve		EL	ST2009	Top	10	E			F	WS	Sloan	Crown 111-1.28	1,000		HET	1.28	P	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
36-019RN53	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
36-020RN53	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
36-021RN53	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
36-023RN53	Sloan Valve		EL ADA	ST2029	Top	10	E	ADA		F	WS	Sloan	Solis 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	
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
36-029RN53	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
36-031RN53	Sloan Valve		EL ADA	ST2029	Top	10	E	ADA		F	WS	Sloan	Crown 111-1.28	1,000		HET	1.28	P	WS
36-032RN53	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
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
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
36-038RN53	Sloan Valve		EL ADA	ST2229	Top	12	E	ADA		F	WS	Sloan	ECOS HW 111-1.28	1,000		HET	1.28	D	WS
36-039RN53	Sloan Valve		EL ADA	ST2229	Top	12	E	ADA		F	WS	Sloan	ECOS 8111-1.28	1,000		HET	1.28	D	WS
36-040RN53	Sloan Valve		EL ADA	ST2229	Top	12	E	ADA		F	WS	Sloan	Crown 111-1.28	1,000		HET	1.28	P	WS
36-042RN53	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
36-044RN53	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
36-046RN53	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
41-026	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
46-049	Sloan Valve		EL (juvenile bowl height: 13.5-inch = 343 mm)	ST2449	Top	10	E			F	WS	Sloan	Crown 111-1.28	1,000		HET	1.28	D	WS
42-008	Sloan Valve		DUAL FLUSH (wall mount-ADA possible)	ST2459	Top	N.A.	E	ADA	R	W	WS	Sloan	WES 111 Uppercut DUAL FLUSH	1,000		HET	1.60	D	
45-023	Sloan Valve		EL (juvenile bowl height: 13.5-inch = 343 mm)	ST2449	Top	10	E			F	WS	Sloan	WES 111.1.1/1.6 DUAL FLUSH	1,000		HET	1.60	D	
13-039RN28-RN44	Toto		EL	CT705EN*	Top	N.A.	E			F	WS	Toto	TMT 11N-32 (manual valve)	1,000		HET	1.28	P	
13-039RN28-RN44	Toto		EL	CT705EN*	Top	N.A.	E			F	WS	Toto	TMT 11N-32 (manual valve)	1,000		HET	1.28	P	

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
13-040RN28-RN44	Toto		EL ADA	CT705ELN*	Top	N.A.	E	ADA		F	WS	Toto	TMT 1LN-32 (manual valve)	1,000	HET	1.28	P	
13-041RN28-RN44	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	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	
42-001	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
42-001	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
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
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
28-064RN44	Tynan		Brady RF (child's bowl height: 10-inch = 254 mm)	450SHE (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
21-088eRN37-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	
21-090dRN37-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
21-089eRN37-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
21-090eRN37-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
21-090iRN37-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	
21-089jRN37-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	
21-090jRN37-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	
21-088kRN37-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
21-088dRN37-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
21-088gRN37-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	
21-088hRN37-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	
21-090bRN37-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
21-090gRN37-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	
21-088bRN37-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	
21-088fRN37-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	
21-090cRN37-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	
21-090hRN37-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	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	
21-090kRN37-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
21-090pRN37-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	
21-088iRN37-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
21-088mRN37-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	
21-090nRN37-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
21-089oRN37-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
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
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
21-088RN37-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-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	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	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	
21-090RN37-RN53	Zurn		EL (wall mount-ADA possible)	Z5616-BWL (wall-hung-back outlet with BPL)	Top	N.A.	E	ADA	R	W	WS	Zurn	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	ZEM61****-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	ZEM62****-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	ZER61****-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	ZER62****-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	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	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	Zurn		EcoVantage EL	Z5635-BWL (back outlet)	Top	N.A.	E		R	F		Zurn	ZTR6200EV	800		HET 1.28	P	WS
31-047RN47	Zurn		EcoVantage EL	Z5636-BWL (back outlet, with BPL)	Top	N.A.	E		R	F		Zurn	Z6000AV-HET (manual)	800		HET 1.28	D	WS
31-046RN47	Zurn		EcoVantage EL	Z5636-BWL (back outlet, with BPL)	Top	N.A.	E		R	F		Zurn	ZTR6200EV	800		HET 1.28	P	WS
31-045RN47	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	Zurn		EcoVantage EL	Z5637-BWL (back outlet)	Rear	N.A.	E		R	F		Zurn	ZTR6200EV	800		HET 1.28	P	WS
30-063RN46	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	Zurn		EcoVantage EL ADA	Z5645-BWL (back outlet)	Top	N.A.	E	ADA	R	F		Zurn	ZTR6200EV	800		HET 1.28	P	WS
30-063RN46	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	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
30-065RN46	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	Zurn		EcoVantage EL ADA	Z5647-BWL (back outlet)	Rear	N.A.	E	ADA	R	F		Zurn	ZTR6200EV	800		HET 1.28	P	WS
29-039RN44	Zurn		EL	Z5654-BWL	Top					F		Zurn	Z6000AV-HET	800		HET 1.28	D	WS
29-038RN44	Zurn		EL	Z5654-BWL	Top					F		Zurn	ZTR6200EV	800		HET 1.28	P	WS
12-041RN28-RN44	Zurn		EL	Z5655-BWL HET	Top	12	E			F	WS	Zurn	ZTS6200EV	1,000		HET 1.28	P	
41-013	Zurn		EL	Z5655-BWL1	Top	12	E	ADA		F	WS	Zurn	ZTR6200EV	1,000		HET 1.28	P	WS
41-013	Zurn		EL	Z5656-BWL1 w/BPL	Top	12	E	ADA		F	WS	Zurn	ZTR6200EV	1,000		HET 1.28	P	WS
41-013	Zurn		EL	Z5657-BWL1 w/AM glaze	Top	12	E	ADA		F	WS	Zurn	ZTR6200EV	1,000		HET 1.28	P	WS
12-042RN28-RN44	Zurn		EL ADA	Z5665-BWL HET	Top	12	E	ADA		F	WS	Zurn	ZTS6200EV	1,000		HET 1.28	P	
41-012	Zurn		EL ADA	Z5665-BWL1	Top	12	E	ADA		F	WS	Zurn	ZTR6200EV	1,000		HET 1.28	P	WS
41-012	Zurn		EL ADA	Z5666-BWL1 w/BPL	Top	12	E	ADA		F	WS	Zurn	ZTR6200EV	1,000		HET 1.28	P	WS
41-012	Zurn		EL ADA	Z5667-BWL1 w/AM glaze	Rear	12	E	ADA		F	WS	Zurn	ZTR6200EV	1,000		HET 1.28	P	WS

### High-Efficiency (HET) Flushometer Valve/Bowl Combinations (1.1 gallon/4.0 litre max Effective Flush Volume)

30-075RN46	American Standard	2257511.020	Afwall Millennium 1.1 EL ADA	2257.101	Top	N.A.	E	ADA	R	W	WS	American Standard	6065.111 (1.1 gpf)(battery)	1,000		HET 1.10	P	WS
30-075RN46	American Standard		Afwall Millennium 1.1 EL ADA	2634.101	Rear	N.A.	E	ADA	R	W	WS	American Standard	6065.111 (1.1 gpf)(battery)	1,000		HET 1.10	P	WS
30-075RN46	American Standard	3351511.020	Afwall EC TS 1.1 EL ADA	3351.101	Top	N.A.	E	ADA	R	W	WS	American Standard	6065.111 (battery)	1,000		HET 1.10	P	WS
30-075RN46	American Standard		Afwall EC Millennium 1.1 EL ADA	3353.101	Rear	N.A.	E	ADA	R	W	WS	American Standard	6065.111 (battery)	1,000		HET 1.10	P	WS
40-017	American Standard		Priolo EL	3690.001	Top	14	E		W	F	WS	American Standard	6065.111 (1.1 gpf)	1,000		HET 1.10	P	WS
41-003	American Standard		Priolo EL	3690.001	Top	14	E		R	F	WS	American Standard	Flowise 1.1 6047.111 (manual)	1,000		HET 1.10	P	WS
40-015	American Standard		Priolo EL ADA	3695.001	Top	14	E	ADA	R	F	WS	American Standard	6065.111 (1.1 gpf)	1,000		HET 1.10	P	WS
41-002	American Standard		Priolo EL ADA	3695.001	Top	14	E	ADA	R	F	WS	American Standard	Flowise 1.1 6047.111 (manual)	1,000		HET 1.10	P	WS
32-039RN48	American Standard	3451511.020	Madera 1.1 EL	2234.001 (NOTE: also includes 2623.001, 2624.001, 3451.001, 3452.001, 3455.001)	Top	12	E			F	WS	American Standard	6065.111 (1.1 gpf)(battery)	1,000		HET 1.10	P	WS
41-005	American Standard		Madera EL	2234.001 or 3451.001	Top	12	E			F	WS	American Standard	Flowise 1.1 6047.111 (manual)	1,000		HET 1.10	P	WS
41-001	American Standard		Afwall EL ADA	2257.101 or 3351.101	Top	N.A.	E	ADA	R	W	WS	American Standard	Flowise 1.1 6047.111 (manual)	1,000		HET 1.10	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
30-075RN46	American Standard		Afwall Millennium 1.1 EL ADA	2633.101 (w/BPL)	Top	N.A.	E	ADA	R	W	WS	American Standard	6065.111 (1.1 gpf)(battery)	1,000	HET	1.10	P	WS
32-044RN48	American Standard	3461511.020	Madera 1.1 EL	3043.001 (NOTE: also includes 3248.001, 3249.001, 3461.001, 3462.001, 3463.001, 3464.001)	Top	1.2	E	ADA	R	F	WS	American Standard	6065.111 (1.1 gpf)(battery)	1,000	HET	1.10	P	WS
41-004	American Standard		Madera EL ADA	3043.001 or 3461.001	Top	1.2	E	ADA		F	WS	American Standard	Flowise 1.1 6047.111 (manual)	1,000	HET	1.10	P	WS
30-075RN46	American Standard		Afwall EC Millennium 1.1 EL ADA	3352.101 (w/BPL)	Top	N.A.	E	ADA	R	W	WS	American Standard	6065.111 (battery)	1,000	HET	1.10	P	WS
30-075RN46	American Standard		Afwall EC Millennium 1.1 EL ADA	3354.101 (rear outlet w/BPL)	Top	N.A.	E	ADA	R	W	WS	American Standard	6065.111 (battery)	1,000	HET	1.10	P	WS
43-005	AMTC	AEF**1012T11	None EL	AUT-1012	Top	10	E			F	WS	AMTC	AEF-801-**CT-11	800	HET	1.10	D	WS
43-005	AMTC	HSM1012T11	None EL	AUT-1012	Top	10	E			F	WS	AMTC	HSM-801-CT-11	800	HET	1.10	D	WS
43-005	AMTC	MF1012T11	None EL	AUT-1012	Top	10	E			F	WS	AMTC	MF-700-T11	800	HET	1.10	D	WS
43-004	AMTC	AEF**1012AT11	None EL ADA	AUT-1012A	Top	10	E	ADA	R	F	WS	AMTC	AEF-801-**CT-11	800	HET	1.10	D	WS
43-004	AMTC	HSM1012AT11	None EL ADA	AUT-1012A	Top	10	E	ADA	R	F	WS	AMTC	HSM-801-CT-11	800	HET	1.10	D	WS
43-004	AMTC	MF1012AT11	None EL ADA	AUT-1012A	Top	10	E	ADA	R	F	WS	AMTC	MF-700-T11	800	HET	1.10	D	WS
43-003	AMTC	AEF**1012WT11	None EL (wall mount-ADA possible)	AUT-1012W	Top	N.A.	E	ADA	R	W	WS	AMTC	AEF-801-**CT-11	800	HET	1.10	D	WS
43-003	AMTC	HSM1012WT11	None EL (wall mount-ADA possible)	AUT-1012W	Top	N.A.	E	ADA	R	W	WS	AMTC	HSM-801-CT-11	800	HET	1.10	D	WS
43-003	AMTC	MF1012WT11	None EL (wall mount-ADA possible)	AUT-1012W	Top	N.A.	E	ADA	R	W	WS	AMTC	MF-700-T11	800	HET	1.10	D	WS
50-005	Contra		Colter Commercial EL	4765BEU	Rear	10	E			F	WS	AMTC	MF-700-T11	600	HET	1.10	D	WS
50-004	Contra		Colter Commercial EL	4765BEX	Top	10	E			F	WS	AMTC	MF-700-T11	800	HET	1.10	D	WS
50-003	Contra		Clay Commercial EL ADA	4765BOU	Rear	10	E	ADA		F	WS	AMTC	MF-700-T11	600	HET	1.10	D	WS
50-002	Contra		Clay Commercial EL ADA	4765BOX	Top	10	E	ADA		F	WS	AMTC	MF-700-T11	800	HET	1.10	D	WS
54-033	Contra		Clark Commercial EL (wall mount-ADA possible)	4765CEU	Rear	N.A.	E	ADA	R	W	WS	AMTC	MF-700-T11	800	HET	1.10	D	WS
54-032	Contra		Clark Commercial EL (wall mount-ADA possible)	4765CEX	Top	N.A.	E	ADA	R	W	WS	AMTC	MF-700-T11	800	HET	1.10	D	WS
46-041	Duravit		Stark 3 (wall-mount - ADA possible)	222909	Top	N.A.	S	ADA	R	W	WS	Toto	TET 11N-32	600	HET	1.10	D	WS
46-052	Kohler		Wellcome Ultra EL	K-96053	Top	1.2	E			F	WS	Zurn	ZTR6200-ONE	1,000	HET	1.10	P	WS
42-056	Kohler		Highcliff Ultra EL	K-96057	Top	1.2	E	ADA		F	WS	Zurn	ZTR6200-ONE	1,000	HET	1.10	P	WS
42-057	Kohler		Juvenile Ultra EL (Youth size: 13.5-inch bowl height)	K-96059	Top	10	E			F	WS	Zurn	ZTR6200-ONE	1,000	HET	1.10	P	WS
41-025	ProFlo		ProFlo EL	PF1721	Top		E			F	WS	Sloan	ECOS 8111-1.1	1,000	HET	1.10	D	WS
41-024	ProFlo		ProFlo EL ADA	PF1723	Top		E	ADA		F	WS	Sloan	ECOS 8111-1.1	1,000	HET	1.10	D	WS
41-023	ProFlo		ProFlo EL (wall mount-ADA possible)	PF1731	Top	N.A.	E	ADA	R	W	WS	Sloan	ECOS 8111-1.1	1,000	HET	1.10	D	WS
38-022	Sloan Valve	WETS 2001.1101-1.1 ECOS	EL	ST2009	Top	10	E			F	WS	Sloan	ECOS 8111-1.1	800	HET	1.10	D	WS
38-021	Sloan Valve	WETS 2021.1101-1.1 ECOS	EL ADA	ST2029	Top	10	E	ADA		F	WS	Sloan	ECOS 8111-1.1	800	HET	1.10	D	WS
38-020	Sloan Valve	WETS 2051.1101-1.1 ECOS	EL (wall mount-ADA possible)	ST2059	Top	N.A.	E	ADA	R	W	WS	Sloan	ECOS 8111-1.1	800	HET	1.10	D	WS
45-025	Sloan Valve		EL (Juvenile bowl height: 13.5-inch = 343 mm)	ST2449	Top	10	E			F	WS	Sloan	ECOS 111-1.1	800	HET	1.10	D	WS
38-019	Sloan Valve	WETS 2451.1101-1.1 ECOS	EL (wall mount-ADA possible)	ST2459	Top	N.A.	E	ADA	R	W	WS	Sloan	ECOS 8111-1.1	800	HET	1.10	D	WS
51-008	Toto		EL ADA	CT705ULN or CT705ULN*	Top		E	ADA		F	WS	Toto	TET 1UA32 OR TET 6UA32 or TET 2UA31/32/33 OR TET 3UA31/32/33	800	HET	1.00	P	WS
51-007	Toto		EL ADA	CT705UN or CT705UN*	Top		E	ADA		F	WS	Toto	TET 1UA32 OR TET 6UA32 or TET 2UA31/32/33 OR TET 3UA31/32/33	800	HET	1.00	P	WS
51-009	Toto		EL (wall mount-ADA possible)	CT708U or CT708U*	Top	N.A.	E	ADA	R	W	WS	Toto	TET 1UA32 OR TET 6UA32 or TET 2UA31/32/33 OR TET 3UA31/32/33	800	HET	1.00	P	WS
51-009	Toto		EL (wall mount-ADA possible)	CT708UV or CT708UV*	Rear	N.A.	E	ADA	R	W	WS	Toto	TET 1UA32 OR TET 6UA32 or TET 2UA31/32/33 OR TET 3UA31/32/33	800	HET	1.00	P	WS
41-025	Tynan		Torc EL	7501	Top		E			F	WS	Sloan	ECOS 8111-1.1	1,000	HET	1.10	D	WS
41-024	Tynan		Torrin EL ADA	7502	Top		E	ADA		F	WS	Sloan	ECOS 8111-1.1	1,000	HET	1.10	D	WS
41-023	Tynan		Lir EL (wall mount-ADA possible)	7503	Top	N.A.	E	ADA	R	W	WS	Sloan	ECOS 8111-1.1	1,000	HET	1.10	D	WS
44-094	Zurn		EL ADA	Z5615-BWL (wall-hung-back outlet)	Top	N.A.	E	ADA	R	W	WS	Zurn	Z6000AV-ONE	1,000	HET	1.10	D	WS
44-094	Zurn		EL ADA	Z5615-BWL (wall-hung-back outlet)	Top	N.A.	E	ADA	R	W	WS	Zurn	ZEM6000AV-ONE	1,000	HET	1.10	D	WS
44-094	Zurn		EL ADA	Z5615-BWL (wall-hung-back outlet)	Top	N.A.	E	ADA	R	W	WS	Zurn	ZER6000AV-ONE	1,000	HET	1.10	D	WS
44-094	Zurn		EL ADA	Z5615-BWL (wall-hung-back outlet)	Top	N.A.	E	ADA	R	W	WS	Zurn	ZR6000AV-ONE	1,000	HET	1.10	D	WS
36-001RN52	Zurn		EL (wall mount-ADA possible)	Z5615-BWL (wall-hung-back outlet)	Top	N.A.	E	ADA	R	W	WS	Zurn	ZTR6200-ONE	800	HET	1.10	P	WS
44-094	Zurn		EL	Z5655-BWL1	Top	12	E			F	WS	Zurn	Z6000AV-ONE	1,000	HET	1.10	D	WS
44-094	Zurn		EL	Z5655-BWL1	Top	12	E			F	WS	Zurn	ZEM6000AV-ONE	1,000	HET	1.10	D	WS
44-094	Zurn		EL	Z5655-BWL1	Top	12	E			F	WS	Zurn	ZER6000AV-ONE	1,000	HET	1.10	D	WS
44-094	Zurn		EL	Z5655-BWL1	Top	12	E			F	WS	Zurn	ZR6000AV-ONE	1,000	HET	1.10	D	WS
41-015	Zurn		EL	Z5655-BWL1	Top	12	E	ADA		F	WS	Zurn	ZR6000AV-ONE	1,000	HET	1.10	D	WS
44-094	Zurn		EL	Z5657-BWL1	Rear	12	E	ADA		F	WS	Zurn	Z6000AV-ONE	1,000	HET	1.10	D	WS
44-094	Zurn		EL	Z5657-BWL1	Rear	12	E	ADA		F	WS	Zurn	ZEM6000AV-ONE	1,000	HET	1.10	D	WS
44-094	Zurn		EL	Z5657-BWL1	Rear	12	E	ADA		F	WS	Zurn	ZER6000AV-ONE	1,000	HET	1.10	D	WS
44-094	Zurn		EL	Z5657-BWL1	Rear	12	E	ADA		F	WS	Zurn	ZR6000AV-ONE	1,000	HET	1.10	D	WS
41-015	Zurn		EL	Z5657-BWL1 w/AM glaze	Rear	12	E			F	WS	Zurn	ZTR6200-ONE	1,000	HET	1.10	P	WS
44-094	Zurn		EL ADA	Z5665-BWL1	Top	12	E	ADA		F	WS	Zurn	Z6000AV-ONE	1,000	HET	1.10	D	WS
44-094	Zurn		EL ADA	Z5665-BWL1	Top	12	E	ADA		F	WS	Zurn	ZEM6000AV-ONE	1,000	HET	1.10	D	WS
44-094	Zurn		EL ADA	Z5665-BWL1	Top	12	E	ADA		F	WS	Zurn	ZER6000AV-ONE	1,000	HET	1.10	D	WS
44-094	Zurn		EL ADA	Z5665-BWL1	Top	12	E	ADA		F	WS	Zurn	ZR6000AV-ONE	1,000	HET	1.10	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)
41-014	Zurn		EL ADA	Z5665-BWL1	Top	12	E	ADA		F	WS	Zurn	ZTR6200-ONE	1,000		HET	1.10	P	WS
44-094	Zurn		EL ADA	Z5666-BWL1	Top	12	E	ADA		F	WS	Zurn	Z6000AV-ONE	1,000		HET	1.10	D	WS
44-094	Zurn		EL ADA	Z5666-BWL1	Top	12	E	ADA		F	WS	Zurn	ZEMS6000AV-ONE	1,000		HET	1.10	D	WS
44-094	Zurn		EL ADA	Z5666-BWL1	Top	12	E	ADA		F	WS	Zurn	ZER6000AV-ONE	1,000		HET	1.10	D	WS
44-094	Zurn		EL ADA	Z5666-BWL1	Top	12	E	ADA		F	WS	Zurn	ZR6000AV-ONE	1,000		HET	1.10	D	WS
41-014	Zurn		EL ADA	Z5666-BWL1 w/BPL	Top	12	E	ADA		F	WS	Zurn	ZTR6200-ONE	1,000		HET	1.10	P	WS
44-094	Zurn		EL ADA	Z5667-BWL1 (back outlet)	Rear	12	E	ADA		F	WS	Zurn	Z6000AV-ONE	1,000		HET	1.10	D	WS
44-094	Zurn		EL ADA	Z5667-BWL1 (back outlet)	Rear	12	E	ADA		F	WS	Zurn	ZEMS6000AV-ONE	1,000		HET	1.10	D	WS
44-094	Zurn		EL ADA	Z5667-BWL1 (back outlet)	Rear	12	E	ADA		F	WS	Zurn	ZER6000AV-ONE	1,000		HET	1.10	D	WS
44-094	Zurn		EL ADA	Z5667-BWL1 (back outlet)	Rear	12	E	ADA		F	WS	Zurn	ZR6000AV-ONE	1,000		HET	1.10	D	WS
41-014	Zurn		EL ADA	Z5667-BWL1 w/AM glaze	Rear	12	E	ADA		F	WS	Zurn	ZTR6200-ONE	1,000		HET	1.10	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