



AWE Template of Suggested Water Use Thresholds

Fixture, Fitting, Appliance, or Equipment	Probable Application	Reference Standard or Specification (if any)	Recommended Threshold of Water Use (maximum)	Other Parameters	Comments	For information and comparison only: Threshold prescribed in ASHRAE ANSI Standard S189.1 for high-performance buildings (Public Draft-version 2)
Water Closet (Tank-type)	Residential & Light Commercial	WaterSense specification for HETs: www.epa.gov/watersense/docs/spec_het508.pdf	1.28-gpf effective flush volume	Applies only to tank-type fixtures	Support WaterSense. Fixture must be certified in accordance with WaterSense requirements; category includes light commercial applications.	WaterSense (1.28 effective flush volume)
Water Closet (Flushometer valve/bowl)	Non-Residential	ASME A112.19.2-2008/CSA B45.1-08 & related stds for valves; WaterSense specification applies to determining effective flush volume for dual-flush fixtures.	1.28-gpf effective flush volume	Applies only to flushometer valve/bowl combination fixtures (single- and dual-flush)	Effective flush volume for dual-flush fixtures determined in accordance with WaterSense specification. NOTE: SEE AWE CAUTIONARY STATEMENT REGARDING DRAINLINE ISSUES ASSOCIATED WITH CERTAIN TYPES OF BUILDING INSTALLATIONS	1.28-gpf effective flush volume
Urinal	All	ASME A112.19.2-2008/CSA B45.1-08, ASME A112.19.19, IAPMO Z124.9, and related ASSE std for valves	0.5-gpf	None at this time	Support WaterSense when spec is issued and finalized for flushing urinals. <u>Category includes flushing and non-water urinals</u> , but non-water urinals are not included in the first WaterSense Notice of Intent (NOI) for Urinals.	0.5-gpf
Lavatory Faucet	Residential	WaterSense specification for Resid Lavatory Faucets: www.epa.gov/watersense/docs/faucet_spec508.pdf	1.5-gpm	0.8-gpm minimum	Support WaterSense by adopting their thresholds (max & min).	WaterSense (1.5-gpm max; 0.8-gpm min)
Kitchen Faucet	Residential	ASME A112.18.1/CSA B125.1	2.2-gpm	None	Same as EPA Act 92 maximum.	2.2-gpm
Pre-Rinse Spray Valve	Commercial	ASME A112.18.1/CSA B125.1	1.3-gpm	None	Could use the California list by the CEC if necessary. That spec requires a maximum 30 second cleaning time when tested using ASTM F-2324-03 test method. Other jurisdictions are currently using other metrics (i.e., 26 and 21 seconds).	1.3-gpm
Showerhead	Residential & Hospitality	ASME A112.18.1/CSA B125.1	2.0-gpm	Lower flow rates <u>must be accompanied</u> by automatic compensating valve tested & certified to the same flow rate or less.	WaterSense showerhead spec may be implemented in multiple phases due to the need to develop a full performance spec; phase 1 to establish a max flow rate possibly in the region of 2.0-gpm and a phase 2 may possibly define other performance metrics along with a lower flow rate.	2.0-gpm
Ice Machine	Commercial	Energy Star	None	Energy Star only lists air-cooled machines	By specifying Energy Star, water cooled machines are automatically excluded.	Energy Star

NOTE: Other items may be added to this listing as threshold requirements are defined through a stakeholder input process.

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