

Review of Updated Plumbing Standards among Basin states

Water Management Advisory Committee (WMAC)

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Why Now?

- WMAC members were last updated on plumbing standards in 2019
- Update members annually beginning this year

Applicable Plumbing Standards (2019)

Fixture	Units	EPA			NY	NYC*	NJ	PA	DE	DRBC
		EPA WaterSense V1.0 (2009)	EPA WaterSense V1.2 (2014)	EPA WaterSense V2.0 (Draft)	(IPC, 2015) Amended Values	NYC Plumbing Code 2014	(NSPC, 2018) Un-Amended Values	(IPC, 2015) Un-Amended Values	(IPC, 2018) Un-Amended Values	18 CFR 410 (RES 88-2 Rev 2)
Toilets	gpf	1.28	1.28	1.28	1.3	1.28	1.6	1.6	1.6	1.6
Bathroom faucets	gpm	1.5	1.5	1.5	2.2	2.2	2.2	2.2	2.2	3.0
Showerheads	gpm	2.5	2.0	2.0	2.0	2.0	2.5	2.5	2.5	3.0

References (as of November 2019):

EPA WaterSense V1.0 (2009): <https://www.epa.gov/sites/production/files/2017-02/documents/ws-specification-home-v1.0.pdf>
 EPA WaterSense V1.2 (2014): <https://www.epa.gov/sites/production/files/2017-01/documents/ws-homes-spec.pdf>
 EPA WaterSense V2.0 (Draft): <https://www.epa.gov/sites/production/files/2019-04/documents/ws-homes-draft-technical-evaluation-v1.pdf>
 DRBC 18 CFR 410: <https://www.state.nj.us/drbc/library/documents/watercode.pdf>
 NJ Plumbing Code: <http://epubs.iapmo.org/NSPC/NJ2018/index.html#p=106>
 PA Plumbing Code: <https://up.codes/viewer/pennsylvania/ipc-2015/chapter/6/water-supply-and-distribution#604.4>
 DE (IPC, 2018): https://codes.iccsafe.org/content/IPC2018/chapter-6-water-supply-and-distribution#IPC2018_Ch06_Sec604
 DE Amendments: <http://regulations.delaware.gov/AdminCode/title16.pdf>
 NY Plumbing Code: https://up.codes/viewer/new_york/ipc-2015/chapter/6/water-supply-and-distribution#604.4
 NYC Plumbing Code: https://up.codes/viewer/new_york_city/nyc-plumbing-code-2014/chapter/6/water-supply-and-distribution#604.4

*NYC is not within the DRB

Abbreviations:

IPC = International Plumbing Code
 NSPC = National Standard Plumbing Code
 CFR = Code of Federal Regulations



Updated Applicable Plumbing Standards

Fixture	Units	EPA			NY	NYC*	NJ	PA	DE	DRBC
		EPA WaterSense V1.0 (2009)	EPA WaterSense V1.2 (2014)	EPA WaterSense V2.0 (2021)	(IPC, 2018) Amended Values	NYC Plumbing Code 2022	(NSPC, 2021) Amended Values	(IPC, 2018) Un-Amended Values	(IPC, 2021) Un-Amended Values	18 CFR 410 (RES 88-2 Rev 2)
Toilets	gpf	1.28	1.28	1.28	1.28	1.28	1.28	1.6	1.6	1.6
Bathroom faucets	gpm	1.5	1.5	1.5	2.2	2.2	1.5	2.2	2.2	3.0
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References (as of October 2023):

- EPA WaterSense V1.0 (2009): <https://www.epa.gov/sites/production/files/2017-02/documents/ws-specification-home-v1.0.pdf>
- EPA WaterSense V1.2 (2014): <https://www.epa.gov/sites/production/files/2017-01/documents/ws-homes-spec.pdf>
- EPA WaterSense V2.0: <https://www.epa.gov/system/files/documents/2023-08/ws-homes-TechnicalReferenceManual.pdf>
- DRBC 18 CFR 410: <https://www.state.nj.us/drbc/library/documents/watercode.pdf>
- NJ Plumbing Code https://up.codes/viewer/new_jersey/nj-plumbing-code-2021/chapter/10/water-supply-and-distribution-systems#10
- PA Plumbing Code: <https://up.codes/viewer/pennsylvania/ipc-2018/chapter/6/water-supply-and-distribution#604.4>
- DE Plumbing Code: <https://up.codes/viewer/delaware/ipc-2021/chapter/6/water-supply-and-distribution#604>
- DE Amendments: <https://regulations.delaware.gov/AdminCode/title16/>
- NY Plumbing Code: https://up.codes/viewer/new_york/ny-plumbing-code-2020/chapter/6/water-supply-and-distribution#604
- NYC Plumbing Code: https://up.codes/viewer/new_york_city/nyc-plumbing-code-2022/chapter/6/water-supply-and-distribution#604

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