

24-1

Install a Low-Flow Showerhead

Job Aid for Install Low-Flow Faucet Aerators or Showerhead Badge

Aligns With Standard Work Specifications 7.0201.1

BEFORE



Higher flow showerheads waste water and use energy to to heat water that could be saved by installing a low-flow showerhead.



Carefully remove old showerhead with adjustable wrench, taking care not to loosen shower arm.



If old showerhead does not have flat sides at connection, wrap with buffer material, such as a piece of rubber.



Then use pipe wrench or channel locks to loosen connection at shower arm.



Clean threads of shower arm well to remove old residue.



Wrap new thread tape around threads.



Install new showerhead according to occupant needs, such as handheld, shut-off, or swivel.



Ensure that connections will not leak while preventing damage by using buffer material.



Use thread tape at all connections.



Verify proper water flow and that there are no leaks.



Low-flow showerheads must have flow rates of 2.5 gallons per minute or less, to reduce heating load and water use.



Checklist Install low-flow faucet aerators or showerhead

DESIRED OUTCOME

Energy and water use reduced while occupant needs for water flow maintained.¹

- Equipment is installed in accordance with manufacturer instructions and applicable building codes.
- Rated flows of new fixtures will be no more than:
 - Showerheads—2.5 gallons per minute.
 - Faucet aerators—2.2 gallons per minute.
- Faucet aerator/showerhead is installed so that:
 - There is no water leakage upon completion.
 - Fixtures are undamaged.
 - Fixtures are fully functional (verify by testing).

1. Relevant Standards: 7.0201.1

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For more information, visit: energy.gov/scep DOE/GO-102023-5934 • June 2024