

DOCKETED

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Undersink DHW circulation retrofit

Undersink DHW retrofit circulation pumps (e.g., Metlund pumps) can significantly reduce water consumption in existing buildings and provide client value, i.e, instant hot water. The pump connects the hot and cold supply lines under the sink and, on demand, circulates cold water from the hot supply line into the cold water supply line (in reverse flow direction) until a thermister senses hot water. One unit can serve several fixtures that are on the same leg (wireless switches can be installed at various locations).

The pumps are sensitive to high water pressure so a pressure test should be required for the rebate. This adjustment may also save water.

Low tech, high value.