

Arizona Department of Water Resources
Conserving Water Today for Arizona's Tomorrow

Rinse Smart

Arizona's Pre-rinse Spray Valve Program



Rinse Smart is a water efficiency program for the food service industry that saves both water and energy

The purpose of this program is to assist communities throughout Arizona in their water conservation efforts by replacing inefficient high-water use pre-rinse spray valves with low-water use valves.

Pre-rinse spray valves are used by food service facilities to remove food particles before dishes are washed or placed in commercial dishwashers. Many of the valves currently in use at restaurants, school and business cafeterias and grocery stores are inefficient—using twice as much water as the newer, more efficient models.



New 1.6 gallons per minute spray valves clean using greater velocity and lower water volumes.

Interested? Here's How the Program Works:

- Contact the ADWR Statewide Conservation Office. Staff will determine if your community or facility qualifies for spray valve replacement.
- Participation is FREE, based on available funding and is implemented on a first come first served basis.
- Funding is currently available for locations inside Active Management Areas (AMAs), in communities that have limited water supplies or large seasonal water use fluctuations, or within the Southwest Gas service area.
- Participants must have the ability to provide one year of pre- and post-installation water-use data for each establishment that receives a valve.

For Program Information:

www.azwater.gov/conservation

Paul Charman
Statewide Conservation Office
(602) 771-8423

Phoenix AMA
(602) 771-8585

Pinal AMA
(520) 836-4857

Prescott AMA
(928) 778-7202

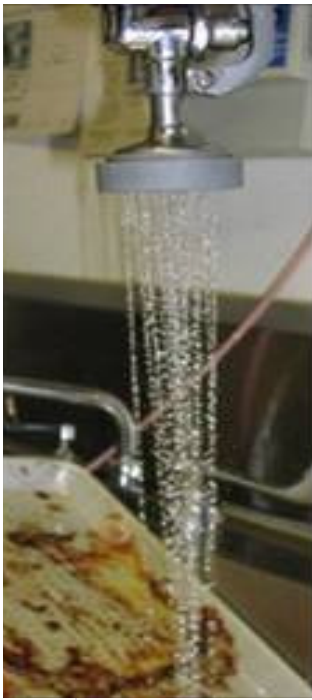
Santa Cruz AMA
(520) 761-1814

Tucson AMA
(520) 770-3800



Arizona Rinse Smart is a program of the ADWR in cooperation with the Bureau of Reclamation and Southwest Gas.





Standard, inefficient spray valve



A Water Conservation Program of the Arizona Department of Water Resources



Efficient spray valve

About two-thirds of the water used by the food service industry is for dish washing. Many pre-rinse spray valves currently in use are inefficient. The new high-pressure valves are rated at 1.6 gallons per minute at a pressure of 60 PSI. They use half as much water as standard valves and save energy as a result of heating less water.

There are numerous Arizona communities participating in the Rinse Smart program. For a complete list, visit www.azwater.gov/conservation.

**Additional Communities are Joining all the Time!
Why Not Yours?**



Working Together in Collaborative Conservation Partnerships



The Arizona Rinse Smart program is currently being implemented in several communities throughout Arizona. In collaboration with the Arizona Department of Water Resources (ADWR), the Salt River Project found that replacement of old valves resulted in an average water savings of 86 gallons/day and up to 58% of total daily water use. In addition, estimated annual energy savings were \$171—\$194 per nozzle. If your organization or water company would like more information about implementing the Rinse Smart program in your community, please contact ADWR.

Look for the EPA WaterSense Label!

A WaterSense label means that products have been tested and certified to be at least 20 percent more water-efficient products, services, and practices. See: www.epa.gov/watersense/