



Is a Heat Pump Water Heater Right for You?

Heat pump water heaters have been around for many years, but recent innovations in the product design have resulted in models with good potential for energy savings for homes in the Pacific Northwest. Homes replacing a standard electric water heater with a heat pump water heater can save up to 50 percent on water heating costs.

How They Work

Heat pump water heaters use electricity to move heat from one place to another instead of generating heat directly, making them two to three times more energy efficient than conventional electric resistance water heaters.

Heat pumps work like a refrigerator in reverse. While a refrigerator pulls heat from inside its interior and moves it into the surrounding room, a stand-alone air-source heat pump water heater pulls heat from the surrounding air and moves it at a higher temperature into the tank to heat the water.

Installation Information

A manufacturer-trained technician can help determine if a heat pump water heater is right for your home. Each manufacturer provides guidance for proper installation of its product.

Generally, a heat pump water heater requires a location with about 750 to 1,000 cubic feet of free air circulation and temperatures normally 40 to 90 degrees. Good locations for a heat pump water heater include utility rooms, garages and basements. For about four hours a day, under typical operating conditions, the HPWH produces cool exhaust air and noise similar to a window air conditioner.

How to Participate

Homeowners interested in a heat pump water heater should contact Klickitat PUD's Energy Services Department for more information and rebate levels. Call (800) 548-8357 ext. 622 or (509) 773-7622. ■

COMMUNITY CALENDAR

December

- 12/1**—Christmas Bazaar, 9 a.m. to 4 p.m., 318 Brooks St., Goldendale
- 12/1-1/5**—Winter Wonderland Zoo Lights, the Oregon Zoo, Portland
- 12/4-8**—Holiday Ale Festival, Pioneer Courthouse Square, Portland; (503) 252-9899
- 12/5**—Trail Band performance, 7 p.m., Hood River Middle School, 1602 May St., Hood River
- 12/6-7**—Annual Bazaar, Columbia Hills Log Building, Dallesport
- 12/6-8**—America's Largest Christmas Bazaar, Portland Expo Center
- 12/6-8**—Christmas in the Gorge, Stevenson
- 12/7**—Lyle Lions first Saturday breakfast, Community Center, Lyle
- 12/7**—The Oak Ridge Boys' Christmas Show, 7:30 p.m., Toyota Center, Kennewick
- 12/7**—Cascade Singers' Christmas concert, 7 p.m., 101 W 10th St., The Dalles
- 12/7**—I'm Dreaming of a White Salmon, downtown White Salmon
- 12/7**—Christmas in the Gorge Sing-Along, 2:30 to 4 p.m., Columbia Gorge Interpretive Center
- 12/7**—Hope for the Holidays Bazaar, 9 a.m. to 4 p.m., Hood River County Fairgrounds
- 12/7**—Sherman Scholarship Association Bazaar, 10 a.m. to 2 p.m., Sherman Junior/Senior High School, Moro
- 12/9**—Trail Band performance, 7 p.m., Civic Auditorium, 323 E 4th St., The Dalles
- 12/10**—Klickitat PUD commission meeting, 2 p.m.
- 12/11**—Bickleton School District's Christmas concert, 6:30 p.m.
- 12/12**—White Salmon School's third- and fourth-grade winter music program, 6 p.m., Henkle Gym
- 12/13-14**—Winterfest Celebration, Enterprise; www.wallowacountychamber.com
- 12/14**—Candy Cane Lane Parade, Goldendale; (509) 773-7630
- 12/14-15**—Last Chance Holiday Bazaar, Hood River County Fairgrounds
- 12/14-15**—Crafty Wonderland Colossal Holiday Sale, 11 a.m. to 6 p.m., Oregon Convention Center
- 12/14-24**—George Balanchine's "The Nutcracker," Keller Auditorium, Portland
- 12/16**—Trout Lake School District's winter program, 6:30 p.m.
- 12/19**—Centerville School's Christmas program, 7 p.m.
- 12/20-22**—Collectors West Gun and Knife Show, Portland Expo Center
- 12/25**—Klickitat PUD offices are closed
- 12/26-31**—Annual winter whale watching week at the Oregon Coast; (541) 765-3407
- 12/31**—Klickitat PUD commission meeting, 2 p.m.