



Demand Response Regulations

Demand response (DR) programs enable utilities to supply continuous and reliable power to homes and buildings during peak usage hours. Ruud® has the largest demand response ready electric and heat pump water heater offering on the market. These products allow you to comply with building codes and energy regulations without compromising your customers' comfort. Built-in Wi-Fi powered by EcoNet® technology and EcoPort™ (CTA-2045 Port) allow easy connection to utility programs with no extra labor required.

The following states require electric storage and electric storage heat pump water heaters to be equipped with modular demand response communication port or demand response controls compliant with ANSI/CTA-2045-A, ANSI/CTA-2045-B or AHRI 1430: Colorado, Oregon and Washington.

Affected Model Criteria (includes electric storage and electric storage heat pump water heaters):

- Washington and Oregon: 40-gallons of nominal hot water storage volume to 120-gallons of rated hot water storage volume
- Colorado: 40- to 120-gallons of rated hot water storage volume
- Maximum hot water delivery temperature is less than 180°F
- Nameplate input rating of 12 kW or less

Effective Dates:

- Washington: January 1, 2021 ([HOUSE BILL 1619](#), [RCW 19.260.080](#))
- Oregon: January 1, 2023 ([OAR 330-092-0010](#), [DOE 5-2022](#))
- Colorado: January 1, 2026 ([House Bill 23-1161](#))

EcoPort (CTA-2045) & Wi-Fi Enabled Products:

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| • Ruud® Ultra™ Hybrid Electric | • Ruud® Ultra™ Smart Electric with LeakGuard™ and Demand Response |
| • Ruud® Ultra™ Hybrid Electric with LeakGuard™ | • Ruud® Achiever Plus® Smart Electric with LeakSense™ and Demand Response |
| • Ruud® Ultra™ Plug-in Heat Pump (Dedicated Circuit) | • Ruud® Achiever® Electric with Demand Response* |
| • Ruud® Ultra™ Plug-in Heat Pump with HydroBoost™ (Shared Circuit) | |
| • Ruud® Ultra™ Plug-in Heat Pump with HydroBoost™ and LeakGuard™ (Shared Circuit) | |

**Models contain Built-in EcoPort™ only - No Wi-Fi.*

EcoPort is the brand name for CTA-2045 port.