



ENERGY STAR CERTIFIED

# Heat Pump Water Heaters

## PolarWave - Heat pump water heater : ACIQ-50G-HP-WH

| Specifications                                      |                           |
|-----------------------------------------------------|---------------------------|
| ENERGY STAR Unique ID:                              | 3626850                   |
| ENERGY STAR Partner:                                | 1HVAC Energy, LLC         |
| Brand Name:                                         | PolarWave                 |
| Model Name:                                         | Heat pump water heater    |
| Model Number:                                       | ACIQ-50G-HP-WH            |
| Connected Capable:                                  | Yes                       |
| Connects Using:                                     | Wi-Fi,CTA-2045            |
| DR Protocol:                                        | CTA-2045-B                |
| Communication Hardware Architecture:                | A - Built-in              |
| Time of Use Schedule:                               | Yes                       |
| Tax Credit Eligible:                                | Yes                       |
| ENERGY STAR Certified:                              | Yes                       |
| Type:                                               | Hybrid/Electric Heat Pump |
| Fuel:                                               | Electric                  |
| Max. Amps:                                          | 24.0                      |
| Input Voltage for HPWH (V):                         | 240                       |
| Draw Pattern (Intended Usage):                      | Medium-Usage              |
| First Hour Rating (gallons):                        | 69                        |
| Heat Pump Type:                                     | 240 Volt Integrated HPWH  |
| Lower Compressor Cut Off Temperature for HPWH (°F): | 37.4                      |
| Upper Compressor Cut Off Temperature for HPWH (°F): | 107.6                     |
| Refrigerant with GWP:                               | R-134a (GWP:1430)         |
| Uniform Energy Factor (UEF):                        | 3.75                      |
| Recovery Efficiency (%):                            | 430.0                     |
| Electric Input (kW):                                | 5.5                       |
| Electric Usage (kWh/yr):                            | 855.0                     |
| Storage Volume (gallons):                           | 47.0                      |
| Tank Diameter (inches):                             | 18.3                      |
| Tank Height (inches):                               | 47.9                      |
| Date Certified:                                     | 2024-11-11                |
| Markets:                                            | United States, Canada     |

Captured On:

05/01/2025