



Solar HVAC. Behind the Meter.

Keep your largest electricity loads behind the meter with the Multiagua Inc. **Solar-Ready Heat Recovery Chiller.**

The Multiagua Solar-Powered Heat Recovery Chiller is the latest in solar ready HVAC technology. With the ability to be powered directly by a PV array, batteries, or the grid, the Interphase system converts electricity to water based thermal energy for storage and self consumption. *Behind the meter.*

If you need to store solar off-peak energy, the Multiagua system can do this for pennies on the dollar compared to EES (Electrical Energy Storage). The benefits are clear for demand response, peak-shaving, and self-supply.

FEATURES

- VRF-to-water based heating and cooling
- Hybrid solar or grid-tied
- Onboard Pika Islanding Inverter™ X7600
- Waste heat recovery
- 26.49EER
- 7+ COP
- Self-supply
- Convert solar electricity to thermal energy and store as hot water or ice
- Powerful dehumidification

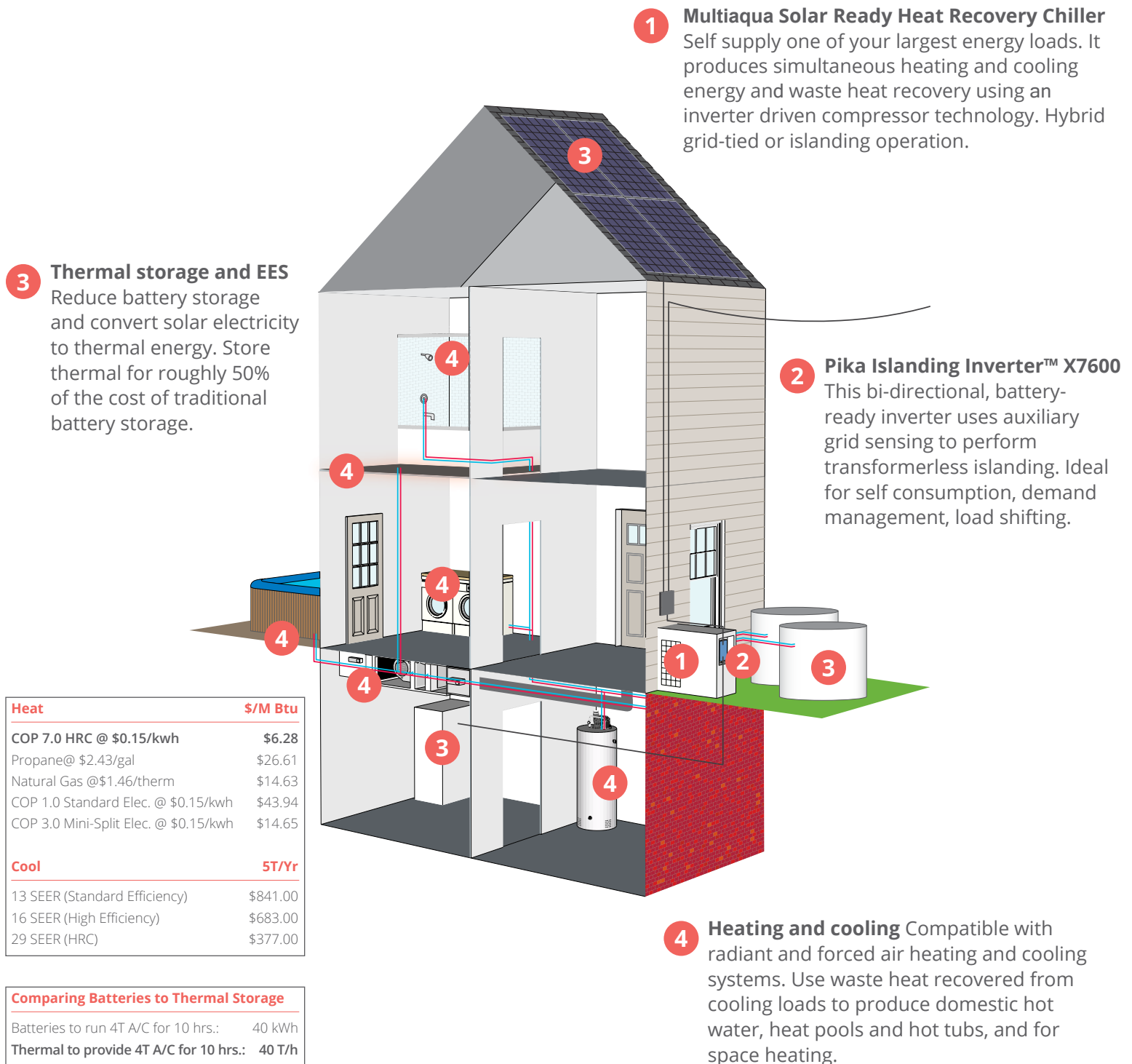
APPLICATIONS

- Residential
- Commercial and Industrial
- Hospitality
- Supermarkets
- Restaurants
- Indoor Growing
- Aquaponics
- Spa/Pool
- Domestic Hot Water



The Multiaqua Heat Recovery Chiller

Solar-powered HVAC + energy storage system



Heat	\$/M Btu
COP 7.0 HRC @ \$0.15/kwh	\$6.28
Propane @ \$2.43/gal	\$26.61
Natural Gas @ \$1.46/therm	\$14.63
COP 1.0 Standard Elec. @ \$0.15/kwh	\$43.94
COP 3.0 Mini-Split Elec. @ \$0.15/kwh	\$14.65
Cool	\$/Yr
13 SEER (Standard Efficiency)	\$841.00
16 SEER (High Efficiency)	\$683.00
29 SEER (HRC)	\$377.00

Comparing Batteries to Thermal Storage	
Batteries to run 4T A/C for 10 hrs.:	40 kWh
Thermal to provide 4T A/C for 10 hrs.:	40 T/h

