



WATER HEATING

SINGLE FAMILY

240V HPWH
240V HPWH low-GWP
120V HPWH

MULTIFAMILY

240V HPWH
240V HPWH low-GWP
Central HPWH
Central HPWH low-GWP
120V HPWH

SMALL COMMERCIAL

Point of use, distributed tankless

Offices were the commercial building type assessed. However, higher hot water usage occurs in other commercial buildings such as restaurants, health care, and lodging. In such cases HPWHs are often applicable and valuable.

LARGE COMMERCIAL

Point of use, distributed tankless

HIGHER ED/ INSTITUTIONAL

240V HPWH
240V HPWH low-GWP
Central HPWH
Central HPWH low-GWP
Point of use, distributed tankless
120V HPWH

emerging due in the near future



SPACE HEATING

SINGLE FAMILY

240V AWHP Split System
240V ASHP Packaged RTU
Mini-Split ASHP
Ground Source Heat Pump
120V ASHP Split System < 5 tons

MULTIFAMILY

240V AWHP Split System
240V ASHP Packaged RTU
Mini-Split ASHP
Ground Source Heat Pump
120V ASHP Split System < 5 tons
Variable Refrigerant Flow
Packaged Terminal Heat Pump

SMALL COMMERCIAL

240V AWHP Split System
240V ASHP Packaged RTU
Mini-Split ASHP
Ground Source Heat Pump
120V ASHP Split System < 5 tons
Variable Refrigerant Flow
Packaged Terminal Heat Pump

LARGE COMMERCIAL

240V AWHP Split System
240V ASHP Packaged RTU
Mini-Split ASHP
Ground Source Heat Pump
Variable Refrigerant Flow
Heat Recovery Chiller

HIGHER ED/ INSTITUTIONAL

240V AWHP Split System
240V ASHP Packaged RTU
Mini-Split ASHP
Ground Source Heat Pump
Variable Refrigerant Flow
Packaged Terminal Heat Pump
Heat Recovery Chiller



COOKING

RESIDENTIAL KITCHEN

Drop-In/Slide-in/Stand-Alone Induction Range
Countertop Induction Hob

COMMERCIAL KITCHEN

Induction Range
Countertop Induction Hob/Wok
Electric Oven, Fryer, etc.
Combination Oven
Chain Broiler



CLOTHES DRYING AND LAUNDRY

SINGLE FAMILY

Heat Pump Dryer
Combo Washer-Dryer (Condenser Dryer)

MULTIFAMILY

Heat Pump Dryer
Combo Washer-Dryer (Condenser Dryer)

INDUSTRIAL / COMMERCIAL

CO₂ Laundry System