

Voltex® AL Connected Heat Pump Competitive Comparison

Features	A. O. SMITH	BRADFORD WHITE	RHEEM	RINNAI	NAVIEN
Model	HPTS-50 HPTS-66 HPTS-80	RE2H50S10-CON RE2H65T10-CON RE2H80T10-CON	CPROPH40 CPROPH50 CPROPH65 CPROPH80	REHP50C REHP80C	NWP500-50 NWP500-65 NWP500-80
Nominal Capacities (USG)	50, 66, 80	50, 65, 80	40, 50, 65, 80	50, 80	50, 65, 80
Uniform Energy Factor (UEF)	Up to 3.88	Up to 3.64	Up to 4.0	Up to 4.0	Up to 4.05
First Hour Rating (USG)	Up to 95	Up to 75	Up to 87	Up to 91	Up to 86
Operating Modes	Hybrid, Heat Pump, Electric, Vacation	Heat Pump Only, Hybrid Standard, Hybrid Plus, Electric, Vacation	Energy Saver, Heat Pump, High Demand, Electric, Vacation/Away	Heat Pump Mode, Hybrid Mode, Electric Mode, Vacation Mode, High Demand Mode	Heat Pump, ECO, High Demand, Electric, Vacation
ENERGY STAR® Certified	Yes	Yes	Yes	Yes	Yes
Operating Temperature Range	2°C (37°F) - 49°C (120°F)	2°C (35°F) - 49°C (120°F)	2°C (37°F) - 63°C (145°F)	2°C (37°F) - 43°C (109°F)	5°C (41°F) - 45°C (113°F)
Smart Connectivity	iCOMM™ Smart Connectivity with App	Bradford White Connect with App	EcoNet Wi-Fi with App	Not specified	Built-in Wi-Fi (NaviLink®)
Noise Level (dBA)	45	55	45*	Not specified	45
Leak Protection	Leak detection (included) Automatic water shutoff (sold separately)	Not specified	LeakSense detection with auto shutoff	Optional leak sensor valve	Built-in water sensor with alert & audible alarm
Anode Rod	COREGUARD™	Magnesium alloy anode rode	Premium grade anode with resistor	Not specified	None (Stainless steel tank)
Backup Heating Elements	Yes	Yes	Yes	Yes	Yes
Insulation	Environmentally-friendly, non-CFC foam	2" Non-CFC foam insulation	2" Non-CFC foam insulation	Not specified	Eco-friendly (non-CNC)
Installation Flexibility	Top/side water connections, integrated ducting adapters	Top-mounted washable air filter, optional ducting (sold separately)	Top/side water connections, top-mounted washable air filter, duct-ready design	Zero clearance, duct-ready for tight spaces	Top/side connections, duct-ready, zero clearance
Dimensions (HxD in inches)	63 x 22 (50 USG) 61.5 x 26.5 (66 USG) 69 x 26.5 (80 USG)	59.2 x 21.75 (50 USG) 63.75 x 24.5 (65 USG) 70.8 x 24.5 (80 USG)	62.3 x 22.25 (40 USG) 61.75 x 22.25 (50 USG) 64.2 x 24.25 (65 USG) 74.2 x 24.25 (80 USG)	66.8 x 22 (50 USG) 74.5 x 25.75 (80 USG)	63 x 21.8 (50 USG) 63 x 25 (65 USG) 71.6 x 25 (80 USG)
Clearances	Zero clearance on sides and back 6" clearance on the front 12" clearance on top	7" clearance around the unit 8" clearance on top	Zero clearance on sides and back 6" clearance on top	Zero clearance on top and back 6" left side and 2" right side	Not specified
Minimum Room Size – No Additional Ventilation	450 ft³	700 ft³	700 ft³	700 ft³	Not specified
Warranty	10-year limited	6 or 10-year limited	10-year limited	10-year limited	10-year tank & parts 1-year labor

*45dBA measured at a distance of 6.28 ft versus the NEEA standard of 3.28 ft.
For internal use only.

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