

## A. O. Smith - Heat Pump: HPTV-50 2\*\*

ENERGY STAR Unique ID: 2871545  ENERGY STAR Partner: A.O. Smith Corporation  Brand Name: Heat Pump  Model Name: HPTV-50 2**  Connected Capable: No  Tax Credit Eligible: Yes  ENERGY STAR Certified: Yes  Type: Hybrid/Electric Heat Pump  Max. Amps: 15.0  Input Voltage for HPWH (V): 120  Draw Pattern (Intended Usage): Medium-Usage  First Hour Rating (gallons): 52  Heat Pump Type: 120 Volt Integrated HPWH  Lower Compressor Cut Off Temperature for HPWH (*F): 120.0  Upper Compressor Cut Off Temperature for HPWH (*F): 37.0  Refrigerant with GWP: R-513A (GWP:630)  Uniform Energy Factor (UEF): 3.0  Recovery Efficiency (%): 457.0  Electric Input (kW): 0.9		
ENERGY STAR Partner: A.O. Smith Corporation  Brand Name: A. O. Smith  Model Name: Heat Pump  Model Number: HPTV-50 2**  Connected Capable: No  Tax Credit Eligible: Yes  ENERGY STAR Certified: Yes  Type: Hybrid/Electric Heat Pump  Max. Amps: Electric  Max. Amps: 15.0  Input Voltage for HPWH (V): 120  Draw Pattern (Intended Usage): First Hour Rating (gallons): 52  Heat Pump Type: 120 Volt Integrated HPWH  Lower Compressor Cut Off Temperature for HPWH (*F): 120.0  Upper Compressor Cut Off Temperature for HPWH (*F): 3.0  Recovery Efficiency (%): 457.0  Electric Input (kW): 0.9  Electric Input (kW): 1550.0  Storage Volume (gallons): 46.0  Tank Diameter (inches): 15.0  Tank Height (inches): 63.0  Date Certified: 2023-12-18	Specifications	
Brand Name:A. O. SmithModel Name:Heat PumpModel Number:HPTV-50 2**Connected Capable:NoTax Credit Eligible:YesENERGY STAR Certified:YesType:Hybrid/Electric Heat PumpFuel:ElectricMax. Amps:15.0Input Voltage for HPWH (V):120Draw Pattern (Intended Usage):Medium-UsageFirst Hour Rating (gallons):52Heat Pump Type:120 Volt Integrated HPWHLower Compressor Cut Off Temperature for HPWH (*F):37.0Upper Compressor Cut Off Temperature for HPWH (*F):30.0Refrigerant with GWP:R-513A (GWP:630)Uniform Energy Factor (UEF):3.0Recovery Efficiency (%):457.0Electric Input (kW):0.9Electric Usage (kWh/yr):1550.0Storage Volume (gallons):46.0Tank Diameter (inches):15.0Tank Height (inches):63.0Date Certified:2023-12-18	ENERGY STAR Unique ID:	2871545
Model Name:         Heat Pump           Model Number:         HPTV-50 2**           Connected Capable:         No           Tax Credit Eligible:         Yes           ENERGY STAR Certified:         Yes           Type:         Hybrid/Electric Heat Pump           Fuel:         Electric           Max. Amps:         15.0           Input Voltage for HPWH (V):         120           Draw Pattern (Intended Usage):         Medium-Usage           First Hour Rating (gallons):         52           Heat Pump Type:         120 Volt Integrated HPWH           Lower Compressor Cut Off Temperature for HPWH (*F):         37.0           Upper Compressor Cut Off Temperature for HPWH (*F):         120.0           Refrigerant with GWP:         R-513A (GWP:630)           Uniform Energy Factor (UEF):         3.0           Recovery Efficiency (%):         457.0           Electric Input (kW):         0.9           Electric Usage (kWh/yr):         1550.0           Storage Volume (gallons):         46.0           Tank Diameter (inches):         15.0           Tank Height (inches):         63.0           Date Certified:         2023-12-18	ENERGY STAR Partner:	A.O. Smith Corporation
Model Number: Connected Capable: No Tax Credit Eligible: Yes ENERGY STAR Certified: Yes Type: Hybrid/Electric Heat Pump Fuel: Electric Max. Amps: Input Voltage for HPWH (V): Draw Pattern (Intended Usage): Heat Pump Type: Lower Compressor Cut Off Temperature for HPWH (*F): Upper Compressor Cut Off Temperature for HPWH (*F):  Refrigerant with GWP: Refrigerant with GWP: Recovery Efficiency (%): Electric Input (kW): Electric Input (kW): Storage Volume (gallons): 46.0 Tank Diameter (inches): Tank Height (inches): Connected Capable: No HPWH (*F): Hybrid/Electric Heat Pump Fump Fump Fump Fump Fump Fump Fump F	Brand Name:	A. O. Smith
Connected Capable:NoTax Credit Eligible:YesENERGY STAR Certified:YesType:Hybrid/Electric Heat PumpFuel:ElectricMax. Amps:15.0Input Voltage for HPWH (V):120Draw Pattern (Intended Usage):Medium-UsageFirst Hour Rating (gallons):52Heat Pump Type:120 Volt Integrated HPWHLower Compressor Cut Off Temperature for HPWH (°F):37.0Upper Compressor Cut Off Temperature for HPWH (°F):Re-513A (GWP:630)Uniform Energy Factor (UEF):3.0Recovery Efficiency (%):457.0Electric Input (kW):0.9Electric Usage (kWh/yr):1550.0Storage Volume (gallons):46.0Tank Diameter (inches):15.0Tank Height (inches):63.0Date Certified:2023-12-18	Model Name:	Heat Pump
Tax Credit Eligible: Yes  ENERGY STAR Certified: Yes  Type: Hybrid/Electric Heat Pump  Fuel: Electric  Max. Amps: 15.0  Input Voltage for HPWH (V): 120  Draw Pattern (Intended Usage): Medium-Usage  First Hour Rating (gallons): 52  Heat Pump Type: 120 Volt Integrated HPWH  Lower Compressor Cut Off Temperature for HPWH (*F): 120.0  Upper Compressor Cut Off Temperature for HPWH (*F): 120.0  Refrigerant with GWP: R-513A (GWP:630)  Uniform Energy Factor (UEF): 3.0  Recovery Efficiency (%): 457.0  Electric Input (kW): 0.9  Electric Usage (kWh/yr): 1550.0  Storage Volume (gallons): 46.0  Tank Diameter (inches): 15.0  Tank Height (inches): 63.0  Date Certified: 2023-12-18	Model Number:	HPTV-50 2**
ENERGY STAR Certified:YesType:Hybrid/Electric Heat PumpFuel:ElectricMax. Amps:15.0Input Voltage for HPWH (V):120Draw Pattern (Intended Usage):Medium-UsageFirst Hour Rating (gallons):52Heat Pump Type:120 Volt Integrated HPWHLower Compressor Cut Off Temperature for HPWH (°F):120.0Upper Compressor Cut Off Temperature for HPWH (°F):120.0Refrigerant with GWP:R-513A (GWP:630)Uniform Energy Factor (UEF):3.0Recovery Efficiency (%):457.0Electric Input (kW):0.9Electric Usage (kWh/yr):1550.0Storage Volume (gallons):46.0Tank Diameter (inches):15.0Tank Diameter (inches):63.0Date Certified:2023-12-18	Connected Capable:	No
Type: Hybrid/Electric Heat Pump  Fuel: Electric  Max. Amps: 15.0 Input Voltage for HPWH (V): 120 Draw Pattern (Intended Usage): Medium-Usage  First Hour Rating (gallons): 52 Heat Pump Type: 120 Volt Integrated HPWH  Lower Compressor Cut Off Temperature for HPWH (*F): 120.0 Upper Compressor Cut Off Temperature for HPWH (*F): 120.0  Refrigerant with GWP: R-513A (GWP:630) Uniform Energy Factor (UEF): 3.0 Recovery Efficiency (%): 457.0 Electric Input (kW): 0.9 Electric Usage (kWh/yr): 1550.0 Storage Volume (gallons): 46.0 Tank Diameter (inches): 15.0 Tank Height (inches): 63.0 Date Certified: 2023-12-18	Tax Credit Eligible:	Yes
Fuel:ElectricMax. Amps:15.0Input Voltage for HPWH (V):120Draw Pattern (Intended Usage):Medium-UsageFirst Hour Rating (gallons):52Heat Pump Type:120 Volt Integrated HPWHLower Compressor Cut Off Temperature for HPWH (*F):37.0Upper Compressor Cut Off Temperature for HPWH (*F):120.0Refrigerant with GWP:R-513A (GWP:630)Uniform Energy Factor (UEF):3.0Recovery Efficiency (%):457.0Electric Input (kW):0.9Electric Usage (kWh/yr):1550.0Storage Volume (gallons):46.0Tank Diameter (inches):15.0Tank Height (inches):63.0Date Certified:2023-12-18	ENERGY STAR Certified:	Yes
Max. Amps: Input Voltage for HPWH (V): 120 Draw Pattern (Intended Usage): Medium-Usage First Hour Rating (gallons): 52 Heat Pump Type: 120 Volt Integrated HPWH Lower Compressor Cut Off Temperature for HPWH (*F): Upper Compressor Cut Off Temperature for HPWH (*F):  Refrigerant with GWP: R-513A (GWP:630) Uniform Energy Factor (UEF): 3.0 Recovery Efficiency (%): Electric Input (kW): Delectric Usage (kWh/yr): Storage Volume (gallons): Tank Diameter (inches): Tank Height (inches): Date Certified:  15.0	Type:	Hybrid/Electric Heat Pump
Input Voltage for HPWH (V): Draw Pattern (Intended Usage): Medium-Usage First Hour Rating (gallons): 52 Heat Pump Type: 120 Volt Integrated HPWH Lower Compressor Cut Off Temperature for HPWH (°F): Upper Compressor Cut Off Temperature for HPWH (°F): Refrigerant with GWP: Re-513A (GWP:630) Uniform Energy Factor (UEF): 3.0 Recovery Efficiency (%): Electric Input (kW): 0.9 Electric Usage (kWh/yr): 1550.0 Storage Volume (gallons): 46.0 Tank Diameter (inches): 15.0 Tank Height (inches): 0.023-12-18	Fuel:	Electric
Draw Pattern (Intended Usage):Medium-UsageFirst Hour Rating (gallons):52Heat Pump Type:120 Volt Integrated HPWHLower Compressor Cut Off Temperature for HPWH (°F):37.0Upper Compressor Cut Off Temperature for HPWH (°F):120.0Refrigerant with GWP:R-513A (GWP:630)Uniform Energy Factor (UEF):3.0Recovery Efficiency (%):457.0Electric Input (kW):0.9Electric Usage (kWh/yr):1550.0Storage Volume (gallons):46.0Tank Diameter (inches):15.0Tank Height (inches):63.0Date Certified:2023-12-18	Max. Amps:	15.0
First Hour Rating (gallons):  Heat Pump Type:  Lower Compressor Cut Off Temperature for HPWH (°F):  Upper Compressor Cut Off Temperature for HPWH (°F):  Refrigerant with GWP:  Refrigerant with GWP:  Refrigerant With GWP:  Recovery Efficiency (%):  Electric Input (kW):  Description (kW):  Storage Volume (gallons):  Tank Diameter (inches):  Tank Height (inches):  Date Certified:  120 Volt Integrated HPWH  37.0  120.0  12	Input Voltage for HPWH (V):	120
Heat Pump Type:120 Volt Integrated HPWHLower Compressor Cut Off Temperature for HPWH (°F):37.0Upper Compressor Cut Off Temperature for HPWH (°F):120.0Refrigerant with GWP:R-513A (GWP:630)Uniform Energy Factor (UEF):3.0Recovery Efficiency (%):457.0Electric Input (kW):0.9Electric Usage (kWh/yr):1550.0Storage Volume (gallons):46.0Tank Diameter (inches):15.0Tank Height (inches):63.0Date Certified:2023-12-18	Draw Pattern (Intended Usage):	Medium-Usage
Lower Compressor Cut Off Temperature for HPWH (°F):  Upper Compressor Cut Off Temperature for HPWH (°F):  Refrigerant with GWP:  Refrigerant with GWP:  Uniform Energy Factor (UEF):  3.0  Recovery Efficiency (%):  Electric Input (kW):  Description (gallons):  Tank Diameter (inches):  Tank Height (inches):  Date Certified:  37.0  37.0  37.0  37.0  37.0  40.0  40.0  457.0  457.0  457.0  457.0  46.0  46.0  46.0  46.0  46.0  46.0  46.0  46.0  46.0  46.0  46.0  46.0  46.0	First Hour Rating (gallons):	52
HPWH (°F):120.0Upper Compressor Cut Off Temperature for HPWH (°F):120.0Refrigerant with GWP:R-513A (GWP:630)Uniform Energy Factor (UEF):3.0Recovery Efficiency (%):457.0Electric Input (kW):0.9Electric Usage (kWh/yr):1550.0Storage Volume (gallons):46.0Tank Diameter (inches):15.0Tank Height (inches):63.0Date Certified:2023-12-18	Heat Pump Type:	120 Volt Integrated HPWH
HPWH (°F):  Refrigerant with GWP: R-513A (GWP:630)  Uniform Energy Factor (UEF): 3.0  Recovery Efficiency (%): 457.0  Electric Input (kW): 0.9  Electric Usage (kWh/yr): 1550.0  Storage Volume (gallons): 46.0  Tank Diameter (inches): 15.0  Tank Height (inches): 63.0  Date Certified: 2023-12-18	Lower Compressor Cut Off Temperature for HPWH (°F):	37.0
Uniform Energy Factor (UEF):  8.0  Recovery Efficiency (%): 457.0  Electric Input (kW): 0.9  Electric Usage (kWh/yr): 1550.0  Storage Volume (gallons): 46.0  Tank Diameter (inches): 15.0  Tank Height (inches): 63.0  Date Certified: 2023-12-18	Upper Compressor Cut Off Temperature for HPWH (°F):	120.0
Recovery Efficiency (%): 457.0  Electric Input (kW): 0.9  Electric Usage (kWh/yr): 1550.0  Storage Volume (gallons): 46.0  Tank Diameter (inches): 15.0  Tank Height (inches): 63.0  Date Certified: 2023-12-18	Refrigerant with GWP:	R-513A (GWP:630)
Electric Input (kW): 0.9  Electric Usage (kWh/yr): 1550.0  Storage Volume (gallons): 46.0  Tank Diameter (inches): 15.0  Tank Height (inches): 63.0  Date Certified: 2023-12-18	Uniform Energy Factor (UEF):	3.0
Electric Usage (kWh/yr): 1550.0  Storage Volume (gallons): 46.0  Tank Diameter (inches): 15.0  Tank Height (inches): 63.0  Date Certified: 2023-12-18	Recovery Efficiency (%):	457.0
Storage Volume (gallons): 46.0  Tank Diameter (inches): 15.0  Tank Height (inches): 63.0  Date Certified: 2023-12-18	Electric Input (kW):	0.9
Tank Diameter (inches): 15.0  Tank Height (inches): 63.0  Date Certified: 2023-12-18	Electric Usage (kWh/yr):	1550.0
Tank Height (inches): 63.0  Date Certified: 2023-12-18	Storage Volume (gallons):	46.0
Date Certified: 2023-12-18	Tank Diameter (inches):	15.0
	Tank Height (inches):	63.0
Markets: United States	Date Certified:	2023-12-18
	Markets:	United States

**Captured On:** 05/01/2025