

# Heat Pump Water Heater Product Assessment

For use in conjunction with "Advanced Water Heater Specification for Residential Heat Pump Water Heaters 6.0"

05/19/16

## General Information

Manufacturer:		
Unit model/size: <i>Note: a separate assessment must be provided for each model/size.*</i>	Model number:	
	Size (gallons):	
Assessor name/title/contact info: (person filling out this Assessment, not necessarily the same as the certification or test lab)		
Date of assessment:		

## Availability and Pricing

Product availability (describe U.S retail / distribution channels)	
Pricing (manufacturer suggested retail price)	
Other names (models/makes) this unit is also sold under	

## Product Specifications

Unit Dimensions and Weight		
Tank material		
Refrigerant type		
Condenser coil location (in-tank, around tank, external/remote):		
Compressor	Power consumption:	
	Compressor operating range (°F)	
Auxiliary electric heat	Power consumption (per element):	
	Number of elements:	
Fan power consumption		
Defrost method (active, passive, other – please describe)		

## ENERGY STAR Compliance

ENERGY STAR certification date	
Name/contact information of third-party certification body	
Reported Uniform Energy Factor	
Reported First Hour Rating	

\*If the assessment covers identical products distributed under different brands, please submit the manufacturer name(s) and unique part number(s) in an attachment to this form.

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## Product Performance

Name/contact information of test facility	same as ENERGY STAR certification body independent test facility: _____ mfg test facility: _____	
Northern Climate Energy Factor (see Appendix A of specification for test and calculation method)	UEF <sub>67</sub> :	
	UEF <sub>50</sub> :	
	UEF <sub>resistance</sub> :	
	UEF <sub>NC</sub> :	
Delivery Rating (see Appendix B of specification for test and calculation method)	# of showers delivered (to nearest 0.5):	
Sound level (see Appendix D of specification for sound measurement procedure)		
Freeze protection test (see Appendix C of specification for test procedure)	Not applicable Not tested	
	Compressor runs and tank recovers	yes    no Comments:
	No ruptures or leaks:	none    yes (describe):

## Features

<b>Electric Resistance Heating Element</b> (section 5.1 of specification)	During the first draw of the standard DOE First Hour Rating Test, the electric resistance heating element shall not be turned on until at least 66% of the tank's measured water volume has been withdrawn.	yes    no Comments:
<b>Compressor</b> (section 5.2 of specification)	If the compressor is temporarily disabled due to specific operational controls, unit displays that the heat pump is not currently operating	yes    no Comments:
	If consumer temporarily overrides compressor operation, the default time period to return to the previously selected mode is up to 72 hours.	yes    no Comments:
	Notifies consumer when compressor has shut-down due to a failure	yes    no Comments:
<b>Warranty and Service</b> (section 5.3 of specification)	Minimum 10 year parts, 1 year labor warranty	yes    no Comments:
	The unit shall include clear information on how to obtain warranty service, replacement filters or other maintenance items, and technical support via a toll-free phone number clearly marked on the exterior of the unit.	yes    no Comments:

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<b>Ducting</b> (section 5.6 and 6.2 of specification)	Exhaust ducting kit available (and unit can run with or without kit)	yes no Comments:
	Intake ducting kit available (and unit can run with or without kit)	yes no Comments:
	The unit is capable of delivering 80% of necessary airflow to achieve rated performance when the fan is subject to an external static pressure of 0.2 inch water gauge.	yes no Comments:
<b>Condensate Management</b> (section 5.5 of specification)	Min. inside diameter pipe of ¼ inch with specifications and installation instructions	yes no Comments:
	Overflow/Blockage Shut-off and Alarm	yes no Comments:
	Serviceable drain	yes no Comments:
<b>Demand Response Features</b> (Section 5.6)	Demand Response capable and ready. Either AC or DC form factor.	yes no What kind of protocol: Comments:
<b>Default Settings</b> (section 6.1 of specification)	If consumer overrides to a mode less efficient than the default condition, such selection expires in under 72 hours. Upon expiration, the appliance returns to previously selected mode unless that mode was less efficient than the default, in which case it returns to the default.	yes no Comments:
<b>Air Filter</b> (section 6.3 of specification)	Permanent, washable media Replaceable Standard filter	Comments:
	Maintenance notification	yes no Comments:

**Please attach a product operating manual and installation manual, as well as laboratory test reports to confirm reported results.**

**Submit completed assessment package to [HPWH\\_Assessments@neea.org](mailto:HPWH_Assessments@neea.org)**

**Questions? Contact [HPWH\\_Assessments@neea.org](mailto:HPWH_Assessments@neea.org)**



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