

# Advanced Water Heater Specification Qualified Products List for Heat Pump Water Heaters

Last Updated: 05/01/2020

Product Tier	Product Brand	Model	Volume (gallons)	Maximum Recommended Household Size	Uniform Energy Factor NC†	Energy Factor NC†	Qualified Date
Tier 4	Rheem	PROPH40 T2 RH375-15	40	2	3.1	--	4/23/2020
	Rheem	PROPH50 T2 RH375-15	50	2-3	3.2	--	4/23/2020
	Rheem	PROPH65 T2 RH375-15	65	2-3	3.2	--	4/23/2020
	Rheem	PROPH80 T2 RH375-15	80	4	3.2	--	4/23/2020
	Rheem	PROPH40 T2 RH375-30	40	2	3.1	--	4/23/2020
	Rheem	PROPH50 T2 RH375-30	50	2-3	3.2	--	4/23/2020
	Rheem	PROPH65 T2 RH375-30	65	2-3	3.2	--	4/23/2020
	Rheem	PROPH80 T2 RH375-30	80	4	3.2	--	4/23/2020
	Rheem	PROPH40 T2 RH375-SO	40	2	3.1	--	4/23/2020
	Rheem	PROPH50 T2 RH375-SO	50	2-3	3.2	--	4/23/2020
	Rheem	PROPH65 T2 RH375-SO	65	2-3	3.2	--	4/23/2020
	Rheem	PROPH80 T2 RH375-SO	80	4	3.2	--	4/23/2020
	Rheem	XE40T10H22U0	40	2	3.1	--	4/23/2020
	Rheem	XE50T10H22U0	50	2-3	3.2	--	4/23/2020
	Rheem	XE65T10H22U0	65	2-3	3.2	--	4/23/2020
	Rheem	XE80T10H22U0	80	4	3.2	--	4/23/2020
	Rheem	XE40T10H45U0	40	2	3.1	--	4/23/2020
	Rheem	XE50T10H45U0	50	2-3	3.2	--	4/23/2020
	Rheem	XE65T10H45U0	65	2-3	3.2	--	4/23/2020
	Rheem	XE80T10H45U0	80	4	3.2	--	4/23/2020
	Rheem	XE40T10HS45U0	40	2	3.1	--	4/23/2020
	Rheem	XE50T10HS45U0	50	2-3	3.2	--	4/23/2020
	Rheem	XE65T10HS45U0	65	2-3	3.2	--	4/23/2020
	Rheem	XE80T10HS45U0	80	4	3.2	--	4/23/2020
	Richmond	10E40-HP515	40	2	3.1	--	4/23/2020
	Richmond	10E50-HP515	50	2-3	3.2	--	4/23/2020
	Richmond	10E65-HP515	65	2-3	3.2	--	4/23/2020
	Richmond	10E80-HP515	80	4	3.2	--	4/23/2020
	Richmond	10E40-HP530	40	2	3.1	--	4/23/2020
	Richmond	10E50-HP530	50	2-3	3.2	--	4/23/2020
	Richmond	10E65-HP530	65	2-3	3.2	--	4/23/2020
	Richmond	10E80-HP530	80	4	3.2	--	4/23/2020
	Richmond	10E40-HP5S30	40	2	3.1	--	4/23/2020
	Richmond	10E50-HP5S30	50	2-3	3.2	--	4/23/2020
	Richmond	10E65-HP5S30	65	2-3	3.2	--	4/23/2020
	Richmond	10E80-HP5S30	80	4	3.2	--	4/23/2020
	Ruud	PROUH40 T2 RU375-15	40	2	3.1	--	4/23/2020
	Ruud	PROUH50 T2 RU375-15	50	2-3	3.2	--	4/23/2020
	Ruud	PROUH65 T2 RU375-15	65	2-3	3.2	--	4/23/2020
	Ruud	PROUH80 T2 RU375-15	80	4	3.2	--	4/23/2020
	Ruud	PROUH40 T2 RU375-30	40	2	3.1	--	4/23/2020
	Ruud	PROUH50 T2 RU375-30	50	2-3	3.2	--	4/23/2020
	Ruud	PROUH65 T2 RU375-30	65	2-3	3.2	--	4/23/2020
	Ruud	PROUH80 T2 RU375-30	80	4	3.2	--	4/23/2020
	Ruud	PROUH40 T2 RU375-SO	40	2	3.1	--	4/23/2020
	Ruud	PROUH50 T2 RU375-SO	50	2-3	3.2	--	4/23/2020
	Ruud	PROUH65 T2 RU375-SO	65	2-3	3.2	--	4/23/2020
	Ruud	PROUH80 T2 RU375-SO	80	4	3.2	--	4/23/2020

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Tier 3	A. O. Smith	HPTU 50 120	50	2-3	2.9	--	6/24/2016
	A. O. Smith	HPTU 50N ***	50	2-3	2.9	--	6/24/2016
	A. O. Smith	HPTU 66 120	66	3	3.1	--	6/24/2016
	A. O. Smith	HPTU 66N ***	66	3	3.1	--	6/24/2016
	A. O. Smith	HPTU 80 120	80	4+	2.9	--	6/24/2016
	A. O. Smith	HPTU 80N ***	80	4+	2.9	--	6/24/2016
	A. O. Smith	HP10-50H45DV	50	2-3	2.9	--	3/14/2017
	A. O. Smith	HP10-50H45DV ***	50	2-3	2.9	--	3/14/2017
	A. O. Smith	HP10-80H45DV	80	4+	2.9	--	3/14/2017
	A. O. Smith	HP10-80H45DV ***	80	4+	2.9	--	3/14/2017
	American	HPHE10250H045DV 120	50	2-3	2.9	--	6/24/2016
	American	HPHE10250H045DVN ***	50	2-3	2.9	--	6/24/2016
	American	HPHE10266H045DV 120	66	3	3.1	--	6/24/2016
	American	HPHE10266H045DVN ***	66	3	3.1	--	6/24/2016
	American	HPHE10280H045DV 120	80	4+	2.9	--	6/24/2016
	American	HPHE10280H045DVN ***	80	4+	2.9	--	6/24/2016
	Bradford White	RE2H50R10B-1NCWT	50	2-3	2.8	--	2/9/2017
	Bradford White	RE2H80R10B-1NCWT	80	4+	3.1	--	2/9/2017
	Bradford White	RE2H50S10-1NCWT	50	2-3	2.8	--	2/8/2018
	Bradford White	RE2H65T10-1NCWT	65	3	3.0	--	3/26/2020
	Bradford White	RE2H80T10-1NCWT	80	4+	3.1	--	2/8/2018
	GE	BEH50DCEJSB	50	2-3	--	2.8	9/8/2016
	GE	BEH80DCEJSB	80	4+	--	3.1	9/8/2016
	GE	GEH50DEEJSC	50	2-3	--	2.8	9/8/2016
	GE	GEH50DFEJSR	50	2-3	--	2.8	9/8/2016
	GE	GEH50DHEKSC	50	2-3	--	2.8	9/8/2016
	GE	GEH80DEEJSC	80	4+	--	3.1	9/8/2016
	GE	GEH80DFEJSR	80	4+	--	2.9	9/8/2016
	GE	GEH80DHEKSC	80	4+	--	3.1	9/8/2016
	Kenmore	153.5925	50	2-3	2.9	--	6/24/2016
	Kenmore	153.5926	66	3	3.1	--	6/24/2016
	Kenmore	153.5928	80	4+	2.9	--	6/24/2016
	Lochinvar	HPA051KD 120	50	2-3	2.9	--	6/24/2016
	Lochinvar	HPA052KD ***	50	2-3	2.9	--	6/24/2016
	Lochinvar	HPA067KD 120	66	3	3.1	--	6/24/2016
	Lochinvar	HPA068KD ***	66	3	3.1	--	6/24/2016
	Lochinvar	HPA081KD 120	80	4+	2.9	--	6/24/2016
	Lochinvar	HPA082KD ***	80	4+	2.9	--	6/24/2016
	Reliance	10 50 DHPHT 120	50	2-3	2.9	--	6/24/2016
	Reliance	10 50 DHPHTNE ***	50	2-3	2.9	--	6/24/2016
	Reliance	10 66 DHPHT 120	66	3	3.1	--	6/24/2016
	Reliance	10 66 DHPHTNE ***	66	3	3.1	--	6/24/2016
	Reliance	10 80 DHPHT 120	80	4+	2.9	--	6/24/2016
	Reliance	10 80 DHPHTNE ***	80	4+	2.9	--	6/24/2016
	Rheem	PRO H40 T2 RH310BM	40	2	2.9	--	4/23/2020
	Rheem	PRO H50 T2 RH310BM	50	2-3	2.9	--	4/23/2020
	Rheem	PRO H65 T2 RH310BM	65	2-3	2.9	--	4/23/2020
	Rheem	PRO H80 T2 RH310BM	80	4+	2.9	--	4/23/2020
	Rheem	PRO H50 T2 RH350BM	50	2-3	3.2	--	8/20/2018
	Rheem	PRO H65 T2 RH350BM	65	2-3	3.4	--	8/20/2018
Rheem	PRO H80 T2 RH350BM	80	4	3.4	--	8/20/2018	
Rheem	PROPH50 T2 RH350 DC	50	2-3	3.2	--	12/6/2017	
Rheem	PROPH65 T2 RH350 DC	65	2-3	3.4	--	12/6/2017	
Rheem	PROPH80 T2 RH350 DC	80	4	3.4	--	12/6/2017	

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	Rheem	HPLD50	50	2-3	3.2	--	12/6/2017
	Rheem	HPLD65	65	2-3	3.4	--	12/6/2017
	Rheem	HPLD80	80	4	3.4	--	12/6/2017
	Rheem	XE50T10HD22U0	50	2-3	3.2	--	12/6/2017
	Rheem	XE50T10HD50U1	50	2-3	3.2	--	12/6/2017
	Rheem	XE65T10HD22U0	65	2-3	3.2	--	12/6/2017
	Rheem	XE65T10HD50U1	65	2-3	3.4	--	12/6/2017
	Rheem	XE80T10HD22U0	80	4	3.2	--	12/6/2017
	Rheem	XE80T10HD50U1	80	4	3.4	--	12/6/2017
	Rheem	PROPH50 T2 RH350 DCB	50	2-3	3.2	--	12/6/2017
	Rheem	PROPH65 T2 RH350 D15	65	2-3	3.2	--	12/6/2017
	Rheem	PROPH65 T2 RH350 DCB	65	2-3	3.4	--	12/6/2017
	Rheem	PROPH80 T2 RH350 D15	80	4	3.2	--	12/6/2017
	Rheem	PROPH80 T2 RH350 DCB	80	4	3.4	--	12/6/2017
	Rheem	PROPH50 T2 RH350 D	50	2-3	3.2	--	10/24/2016
	Rheem	PROPH65 T2 RH350 D	65	2-3	3.4	--	10/24/2016
	Rheem	PROPH80 T2 RH350 D	80	4	3.4	--	10/24/2016
	Rheem	XE50T10HD50U0	50	2-3	3.2	--	10/24/2016
	Rheem	XE65T10HD50U0	65	2-3	3.4	--	10/24/2016
	Rheem	XE80T10HD50U0	80	4	3.4	--	10/24/2016
	Richmond	10E65-HP4D15	65	2-3	3.2	--	12/6/2017
	Richmond	10E80-HP4D15	80	4	3.2	--	12/6/2017
	Richmond	10E50-HP4D	50	2-3	3.2	--	10/24/2016
	Richmond	10E65-HP4D	65	2-3	3.4	--	10/24/2016
	Richmond	10E80-HP4D	80	4	3.4	--	10/24/2016
	Ruud	PRO H40 T2 RU310BM	40	2	2.9	--	4/23/2020
	Ruud	PRO H50 T2 RU310BM	50	2-3	2.9	--	4/23/2020
	Ruud	PRO H65 T2 RU310BM	65	2-3	2.9	--	4/23/2020
	Ruud	PRO H80 T2 RU310BM	80	4+	2.9	--	4/23/2020
	Ruud	PRO H50 T2 RU350BM	50	2-3	3.2	--	8/20/2018
	Ruud	PRO H65 T2 RU350BM	65	2-3	3.4	--	8/20/2018
	Ruud	PRO H80 T2 RU350BM	80	4	3.4	--	8/20/2018
	Ruud	PROUH50 T2 RU350 DCB	50	2-3	3.2	--	12/6/2017
	Ruud	PROUH65 T2 RU350 D15	65	2-3	3.2	--	12/6/2017
	Ruud	PROUH65 T2 RU350 DCB	65	2-3	3.4	--	12/6/2017
	Ruud	PROUH80 T2 RU350 D15	80	4	3.2	--	12/6/2017
	Ruud	PROUH80 T2 RU350 DCB	80	4	3.4	--	12/6/2017
	Ruud	PROUH50 T2 RU350 D	50	2-3	3.2	--	10/24/2016
	Ruud	PROUH65 T2 RU350 D	65	2-3	3.4	--	10/24/2016
	Ruud	PROUH80 T2 RU350 D	80	4	3.4	--	10/24/2016
	Sanden	GS3-45HPA-US, SAN-43SSAQA	43	3	2.9	--	3/10/2017
	Sanden	GS3-45HPA-US, GAUS-160QTA	43	3	2.9	--	3/10/2017
	Sanden	GS3-45HPA-US, SAN-83SSAQA	83	4+	3.3	--	3/10/2017
	Sanden	GS3-45HPA-US, GAUS-315EQTD	83	4+	3.3	--	3/10/2017
	Sanden	GUS-45HPA, SAN-83SSAQA	83	4+	--	3.2	3/10/2017
	Sanden	GUS-45HPA, GAUS-315EQTD	83	4+	--	3.2	3/10/2017
	Sanden	GS3-45HPA, SAN-119GLBK	119	4+	3.0	--	7/25/2018
	State	HPX 50 DHPT 120	50	2-3	2.9	--	6/24/2016
	State	HPX 50 DHPTNE ***	50	2-3	2.9	--	6/24/2016
	State	HPX 66 DHPT 120	66	3	3.1	--	6/24/2016
	State	HPX 66 DHPTNE ***	66	3	3.1	--	6/24/2016
	State	HPX 80 DHPT 120	80	4+	2.9	--	6/24/2016
	State	HPX 80 DHPTNE ***	80	4+	2.9	--	6/24/2016
	US Craftmaster	HPHE2K50HD045VUN ***	50	2-3	2.9	--	6/24/2016
	US Craftmaster	HPHE2K66HD045VUN ***	66	3	3.1	--	6/24/2016

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	US Craftmaster	HPHE2K80HD045VUN ***	80	4+	2.9	--	6/24/2016
	Whirlpool	HPHE2K50HD045V 120	50	2-3	2.9	--	6/24/2016
	Whirlpool	HPHE2K50HD045VN 120	50	2-3	2.9	--	6/24/2016
	Whirlpool	HPHE2K80HD045V 120	80	4+	2.9	--	6/24/2016
<b>Tier 2</b>							
There are no Tier 2 products available as of the date of this posting.							
<b>Tier 1</b>							
	A. O. Smith	FPTU 50 ***	50	2-3	--	2.4	8/9/2016
	A. O. Smith	FPTU 66 ***	66	3	--	2.6	8/9/2016
	A. O. Smith	FPTU 80 ***	80	4+	--	2.7	8/9/2016
	A. O. Smith	HHPT 80 102	80	4+	--	1.8	11/10/2011
	American	HPE6280H045DV 102	80	4+	--	1.8	8/9/2016
	American	HPHE6250H045DV ***	50	2-3	--	2.4	8/9/2016
	American	HPHE6266H045DV ***	66	3	--	2.6	8/9/2016
	American	HPHE6280H045DV ***	80	4+	--	2.7	8/9/2016
	Bradford White	RE2H50S6-1NCWT	50	2-3	2.8	--	4/23/2020
	Bradford White	RE2H65T6-1NCWT	65	3	3.0	--	4/23/2020
	Bradford White	RE2H80T6-1NCWT	80	4+	3.1	--	4/23/2020
	Reliance	6 50 DHPHT ***	50	2-3	--	2.4	8/9/2016
	Reliance	6 66 DHPHT ***	66	3	--	2.6	8/9/2016
	Reliance	6 80 DHPHT ***	80	4+	--	2.7	8/9/2016
	Reliance	6 80 DHPT 102	80	4+	--	1.8	11/10/2011
	Rheem	PROPH50 T2 RH245BM	50	1-2	--	1.9	5/15/2016
	Rheem	PROPH80 T2 RH245BM	80	3	--	2.3	5/15/2016
	Ruud	PROPH50 T2 RU245BM	50	1-2	--	1.9	5/15/2016
	Ruud	PROPH80 T2 RU245BM	80	3	--	2.3	5/15/2016
	State	EP6 80 DHPT 102	80	4+	--	1.8	11/10/2011
	State	HP6 50 DHPT ***	50	2-3	--	2.4	8/9/2016
	State	HP6 66 DHPT ***	66	3	--	2.6	8/9/2016
	State	HP6 80 DHPT ***	80	4+	--	2.7	8/9/2016
	Stiebel Eltron	Accelera 220 E	58	3	--	2.6	7/27/2015
	Stiebel Eltron	Accelera 300/WHP 300	80	5+	--	1.9	2/27/2012
	US Craftmaster	HPE2F80HD045VU 102	80	4+	--	1.8	11/10/2011
	US Craftmaster	HPHE2F50HD045VU ***	50	2-3	--	2.4	8/9/2016
	US Craftmaster	HPHE2F66HD045VU ***	66	3	--	2.6	8/9/2016
	US Craftmaster	HPHE2F80HD045VU ***	80	4+	--	2.7	8/9/2016

For models listed with an asterisk "\*\*", any number is allowed to substitute for the \*. For example, \*\*\* could be 120 or 130.

† Prior to May 2016, products qualified under the EFnc value and the Northern Climate Specification. Those products remain qualified and eligible until discontinued. Beginning in May 2016, changes to the test procedure necessitated a change to the UEFnc value. Hence, all products qualified after May 2016 are subject to the UEFnc requirements of the Advanced Water Heating Specification.

For specifications, procedures, and criteria, see: <http://neea.org/advancedwaterheaterspec>



Northwest Energy Efficiency Alliance