

Residential & Unitary Heat Pump Water Heater Qualified Products List

Last Updated: 2/16/23

Integrated Water Heaters

Product Tier	Product Brand	Model ^a	Volume (gallons)	Maximum Recommended Household Size	Cool Climate Efficiency (CCE) ^b	Uniform Energy Factor (UEF)	CTA-2045	2023 Tax Credit	Qualified Date
							Compliant	Eligible ^d	
Tier 4									
	A.O. Smith	HPTS-50 2**	50	2-3	3.4	3.80	x	x	6/16/22
	A.O. Smith	HPS10-50H45DV 2**	50	2-3	3.4	3.80	x	x	6/16/22
	A.O. Smith	HPTS-66 2**	66	3	3.5	4.02	x	x	6/16/22
	A.O. Smith	HPS10-66H45DV 2**	66	3	3.5	4.02	x	x	6/16/22
	A.O. Smith	HPTS-80 2**	80	4+	3.4	3.88	x	x	6/16/22
	A.O. Smith	HPS10-80H45DV 2**	80	4+	3.4	3.88	x	x	6/16/22
	American	HPS10250H045DV 2**	50	2-3	3.4	3.80	x	x	6/16/22
	American	HPS10266H045DV 2**	66	3	3.5	4.02	x	x	6/16/22
	American	HPS10280H045DV 2**	80	4+	3.4	3.88	x	x	6/16/22
	American Standard	ASHPWH-50	50	2	3.2	3.75	x	x	1/1/23
	American Standard	ASHPWH-50-JA13	50	2	3.2	3.75	x	x	1/1/23
	American Standard	ASHPWH-80	80	4	3.1	4.01	x	x	1/1/23
	American Standard	ASHPWH-80-JA13	80	4	3.1	4.01	x	x	1/1/23
	Bradford White	RE2H50S10-1NCTT-CON	50	2-3	3.0	3.44	x	x	1/13/23
	Bradford White	RE2H65T10-1NCTT-CON	65	3	3.2	3.64	x	x	1/13/23
	Bradford White	RE2H80T10-1NCTT-CON	80	4+	3.2	3.59	x	x	1/13/23
	Direct Energy	ECEPH40 T2 RH375-15	40	2	3.1	3.45	x	x	10/23/20
	Direct Energy	ECEPH50 T2 RH375-15	50	2-3	3.2	3.75	x	x	10/23/20
	Direct Energy	ECEPH65 T2 RH375-15	65	2-3	3.2	3.55	x	x	10/23/20
	Direct Energy	ECEPH80 T2 RH375-15	80	4	3.2	3.70	x	x	10/23/20
	Direct Energy	ECEPH40 T2 RH375-30	40	2	3.1	3.75	x	x	10/23/20
	Direct Energy	ECEPH50 T2 RH375-30	50	2-3	3.2	3.75	x	x	10/23/20
	Direct Energy	ECEPH65 T2 RH375-30	65	2-3	3.2	3.85	x	x	10/23/20
	Direct Energy	ECEPH80 T2 RH375-30	80	4	3.2	4.00	x	x	10/23/20
	Direct Energy	ECEPH40 T2 RH375-SO	40	2	3.1	3.75	x	x	10/23/20
	Direct Energy	ECEPH50 T2 RH375-SO	50	2-3	3.2	3.75	x	x	10/23/20
	Direct Energy	ECEPH65 T2 RH375-SO	65	2-3	3.2	3.85	x	x	10/23/20
	Direct Energy	ECEPH80 T2 RH375-SO	80	4	3.2	4.00	x	x	10/23/20
	Lochinvar	HPSA050KD 2**	50	2-3	3.4	3.80	x	x	6/16/22
	Lochinvar	HPSA065KD 2**	66	3	3.5	4.02	x	x	6/16/22
	Lochinvar	HPSA080KD 2**	80	4+	3.4	3.88	x	x	6/16/22
	Reliance	10-50-DHPTS 2**	50	2-3	3.4	3.80	x	x	6/16/22
	Reliance	10-66-DHPTS 2**	66	3	3.5	4.02	x	x	6/16/22
	Reliance	10-80-DHPTS 2**	80	4+	3.4	3.88	x	x	6/16/22
	Rheem	HPLD40-1RH	40	2	3.1	3.75	x	x	10/23/20
	Rheem	HPLD50-1RH	50	2-3	3.2	3.75	x	x	10/23/20
	Rheem	HPLD65-1RH	65	2-3	3.2	3.85	x	x	10/23/20
	Rheem	HPLD80-1RH	80	4	3.2	4.00	x	x	10/23/20
	Rheem	PROPH40 T2 RH375-15	40	2	3.1	3.45	x	x	4/23/20
	Rheem	PROPH50 T2 RH375-15	50	2-3	3.2	3.75	x	x	4/23/20
	Rheem	PROPH65 T2 RH375-15	65	3	3.2	3.55	x	x	4/23/20
	Rheem	PROPH80 T2 RH375-15	80	4+	3.2	3.70	x	x	4/23/20
	Rheem	PROPH40 T2 RH375-30	40	2	3.1	3.75	x	x	4/23/20
	Rheem	PROPH50 T2 RH375-30	50	2-3	3.2	3.75	x	x	4/23/20
	Rheem	PROPH65 T2 RH375-30	65	3	3.2	3.85	x	x	4/23/20
	Rheem	PROPH80 T2 RH375-30	80	4+	3.2	4.00	x	x	4/23/20
	Rheem	PROPH40 T2 RH375-SO	40	2	3.1	3.75	x	x	4/23/20
	Rheem	PROPH50 T2 RH375-SO	50	2-3	3.2	3.75	x	x	4/23/20
	Rheem	PROPH65 T2 RH375-SO	65	3	3.2	3.85	x	x	4/23/20
	Rheem	PROPH80 T2 RH375-SO	80	4+	3.2	4.00	x	x	4/23/20
	Rheem	XE40T10H22U0	40	2	3.1	3.45	x	x	4/23/20
	Rheem	XE50T10H22U0	50	2-3	3.2	3.75	x	x	4/23/20
	Rheem	XE65T10H22U0	65	3	3.2	3.55	x	x	4/23/20
	Rheem	XE80T10H22U0	80	4+	3.2	3.70	x	x	4/23/20
	Rheem	XE40T10H45U0	40	2	3.1	3.75	x	x	4/23/20
	Rheem	XE50T10H45U0	50	2-3	3.2	3.75	x	x	4/23/20
Product Tier	Product Brand	Model ^a	Volume (gallons)	Maximum Recommended Household Size	Cool Climate Efficiency (CCE) ^b	Uniform Energy Factor (UEF)	CTA-2045 Compliant	2023 Tax Credit Eligible ^d	Qualified Date
<i>Tier 4 continued</i>	Rheem	XE65T10H45U0	65	3	3.2	3.85	x	x	4/23/20
	Rheem	XE80T10H45U0	80	4+	3.2	4.00	x	x	4/23/20

Rheem	XE40T10HS45U0	40	2	3.1	3.75	x	x	4/23/20	
Rheem	XE50T10HS45U0	50	2-3	3.2	3.75	x	x	4/23/20	
Rheem	XE65T10HS45U0	65	3	3.2	3.85	x	x	4/23/20	
Rheem	XE80T10HS45U0	80	4+	3.2	4.00	x	x	4/23/20	
Rheem Canada	CPROPH40 T2 RH375-15	40	2	3.1	3.45	x	x	10/23/20	
Rheem Canada	CPROPH50 T2 RH375-15	50	2-3	3.2	3.75	x	x	10/23/20	
Rheem Canada	CPROPH65 T2 RH375-15	65	3	3.2	3.55	x	x	10/23/20	
Rheem Canada	CPROPH80 T2 RH375-15	80	4+	3.2	3.70	x	x	10/23/20	
Rheem Canada	CPROPH40 T2 RH375-30	40	2	3.1	3.75	x	x	10/23/20	
Rheem Canada	CPROPH50 T2 RH375-30	50	2-3	3.2	3.75	x	x	10/23/20	
Rheem Canada	CPROPH65 T2 RH375-30	65	3	3.2	3.85	x	x	10/23/20	
Rheem Canada	CPROPH80 T2 RH375-30	80	4+	3.2	4.00	x	x	10/23/20	
Rheem Canada	CPROPH80 T2 RH375-30	80	4+	3.2	4.00	x	x	10/23/20	
Rheem Canada	CPROPH40 T2 RH375-SO	40	2	3.1	3.75	x	x	10/23/20	
Rheem Canada	CPROPH50 T2 RH375-SO	50	2-3	3.2	3.75	x	x	10/23/20	
Rheem Canada	CPROPH65 T2 RH375-SO	65	3	3.2	3.85	x	x	10/23/20	
Rheem Canada	CPROPH80 T2 RH375-SO	80	4+	3.2	4.00	x	x	10/23/20	
Rheem Canada	CXE40T10H22UO	40	2	3.1	3.45	x	x	10/23/20	
Rheem Canada	CXE50T10H22UO	50	2-3	3.2	3.75	x	x	10/23/20	
State	HPSX-50 DHPT 2**	50	2-3	3.4	3.80	x	x	6/16/22	
State	HPSX-66-DHPT 2**	66	3	3.5	4.02	x	x	6/16/22	
State	HPSX-80-DHPT 2**	80	4+	3.4	3.88	x	x	6/16/22	
Rheem Canada	CXE65T10H22UO	65	3	3.2	3.55	x	x	10/23/20	
Rheem Canada	CXE80T10H22UO	80	4	3.2	3.70	x	x	10/23/20	
Rheem Canada	CXE40T10H45UO	40	2	3.1	3.75	x	x	10/23/20	
Rheem Canada	CXE50T10H45UO	50	2-3	3.2	3.75	x	x	10/23/20	
Rheem Canada	CXE65T10H45UO	65	3	3.2	3.85	x	x	10/23/20	
Rheem Canada	CXE80T10H45UO	80	4+	3.2	4.00	x	x	10/23/20	
Rheem Canada	CXE40T10HS45UO	40	2	3.1	3.75	x	x	10/23/20	
Rheem Canada	CXE50T10HS45UO	50	2-3	3.2	3.75	x	x	10/23/20	
Rheem Canada	CXE65T10HS45UO	65	3	3.2	3.85	x	x	10/23/20	
Rheem Canada	CXE80T10HS45UO	80	4+	3.2	4.00	x	x	10/23/20	
Richmond	10E40-HP515	40	2	3.1	3.45	x	x	4/23/20	
Richmond	10E50-HP515	50	2-3	3.2	3.75	x	x	4/23/20	
Richmond	10E65-HP515	65	3	3.2	3.55	x	x	4/23/20	
Richmond	10E80-HP515	80	4+	3.2	3.70	x	x	4/23/20	
Richmond	10E40-HP530	40	2	3.1	3.75	x	x	4/23/20	
Richmond	10E50-HP530	50	2-3	3.2	3.75	x	x	4/23/20	
Richmond	10E65-HP530	65	3	3.2	3.85	x	x	4/23/20	
Richmond	10E80-HP530	80	4+	3.2	4.00	x	x	4/23/20	
Richmond	10E40-HP5530	40	2	3.1	3.75	x	x	4/23/20	
Richmond	10E50-HP5530	50	2-3	3.2	3.75	x	x	4/23/20	
Richmond	10E65-HP5530	65	3	3.2	3.85	x	x	4/23/20	
Richmond	10E80-HP5530	80	4+	3.2	4.00	x	x	4/23/20	
Ruud	HPLD40-1RU	40	2	3.1	3.75	x	x	10/23/20	
Ruud	HPLD50-1RU	50	2-3	3.2	3.75	x	x	10/23/20	
Ruud	HPLD65-1RU	65	3-Jan	3.2	3.85	x	x	10/23/20	
Ruud	HPLD80-1RU	80	4+	3.2	4.00	x	x	10/23/20	
Ruud	PROUH40 T2 RU375-15	40	2	3.1	3.45	x	x	4/23/20	
Ruud	PROUH50 T2 RU375-15	50	2-3	3.2	3.75	x	x	4/23/20	
Ruud	PROUH65 T2 RU375-15	65	3	3.2	3.55	x	x	4/23/20	
Ruud	PROUH80 T2 RU375-15	80	4+	3.2	3.70	x	x	4/23/20	
Ruud	PROUH40 T2 RU375-30	40	2	3.1	3.75	x	x	4/23/20	
Ruud	PROUH50 T2 RU375-30	50	2-3	3.2	3.75	x	x	4/23/20	
Ruud	PROUH65 T2 RU375-30	65	3	3.2	3.85	x	x	4/23/20	
Ruud	PROUH80 T2 RU375-30	80	4+	3.2	4.00	x	x	4/23/20	
Ruud	PROUH40 T2 RU375-SO	40	2	3.1	3.75	x	x	4/23/20	
Ruud	PROUH50 T2 RU375-SO	50	2-3	3.2	3.75	x	x	4/23/20	
Ruud	PROUH65 T2 RU375-SO	65	3	3.2	3.85	x	x	4/23/20	
Ruud	PROUH80 T2 RU375-SO	80	4+	3.2	4.00	x	x	4/23/20	
							CTA-2045		
Product Tier	Product Brand	Model ^a	Volume (gallons)	Maximum Recommended Household Size	Cool Climate Efficiency (CCE) ^b	Uniform Energy Factor (UEF)	Compliant Communication Port ^c	2023 Tax Credit Eligible ^d	Qualified Date
Tier 3	A. O. Smith	HP10-50H45DV	50	2-3	2.9	3.45	--	x	3/14/17
	A. O. Smith	HP10-50H45DV ***	50	2-3	2.9	3.45	--	x	3/14/17
	A. O. Smith	HP1050H45DVCTA 130	50	2-3	2.9	3.45	x	x	1/18/21
	A. O. Smith	HP1050H45DVDR 130	50	2-3	2.9	3.45	x	x	10/14/20
	A. O. Smith	HP10-80H45DV	80	4+	2.9	3.45	--	x	3/14/17
	A. O. Smith	HP10-80H45DV ***	80	4+	2.9	3.45	--	x	3/14/17

A. O. Smith	HP1080H45DVCTA 130	80	4+	2.9	3.45	x	x	1/18/21	
A. O. Smith	HP1080H45DVDR 130	80	4+	2.9	3.45	x	x	10/14/20	
A. O. Smith	HPTU 50 120	50	2-3	2.9	3.42	--	x	6/24/16	
A. O. Smith	HPTU 50N ***	50	2-3	2.9	3.45	--	x	6/24/16	
A. O. Smith	HPTU 66 120	66	3	3.1	3.00	--	--	6/24/16	
A. O. Smith	HPTU 66N ***	66	3	3.1	3.45	--	x	6/24/16	
A. O. Smith	HPTU 80 120	80	4+	2.9	2.73	--	--	6/24/16	
A. O. Smith	HPTU 80N ***	80	4+	2.9	3.45	--	x	6/24/16	
A. O. Smith	HPTU-50CTA 130	50	2-3	2.9	3.45	x	x	1/18/21	
A. O. Smith	HPTU-50DR 130	50	2-3	2.9	3.45	x	x	10/14/20	
A. O. Smith	HPTU-66CTA 130	66	3	3.1	3.45	x	x	1/18/21	
A. O. Smith	HPTU-66DR 130	66	3	3.1	3.45	x	x	10/14/20	
A. O. Smith	HPTU-80CTA 130	80	4+	2.9	3.45	x	x	1/18/21	
A. O. Smith	HPTU-80DR 130	80	4+	2.9	3.45	x	x	10/14/20	
American	HPHE10250H045DV 120	50	2-3	2.9	3.42	--	x	6/24/16	
American	HPHE10250H045DVCTA 130	50	2-3	2.9	3.45	x	x	1/18/21	
American	HPHE10250H045DVDR 130	50	2-3	2.9	3.45	x	x	10/14/20	
American	HPHE10250H045DVN ***	50	2-3	2.9	3.45	--	x	6/24/16	
American	HPHE10266H045DV 120	66	3	3.1	3.52	--	x	6/24/16	
American	HPHE10266H045DVCTA 130	66	3	3.1	3.45	x	x	1/18/21	
American	HPHE10266H045DVDR 130	66	3	3.1	3.45	x	x	10/14/20	
American	HPHE10266H045DVN ***	66	3	3.1	3.45	--	x	6/24/16	
American	HPHE10280H045DV 120	80	4+	2.9	2.73	--	--	6/24/16	
American	HPHE10280H045DVCTA 130	80	4+	2.9	3.45	x	x	1/18/21	
American	HPHE10280H045DVDR 130	80	4+	2.9	3.45	x	x	10/14/20	
American	HPHE10280H045DVN ***	80	4+	2.9	3.45	--	x	6/24/16	
Bradford White	RE2H50S10-*****	50	2-3	2.8	3.46	--	x	2/8/18	
Bradford White	RE2H65T10-*****	65	3	3.0	3.39	--	x	3/26/20	
Bradford White	RE2H80T10-*****	80	4+	3.1	3.48	--	x	2/8/18	
Direct Energy	ECE H40 T2 RH310BM	40	2	2.9	3.50	--	x	10/23/20	
Direct Energy	ECE H50 T2 RH310BM	50	2-3	2.9	3.50	--	x	10/23/20	
Direct Energy	ECE H65 T2 RH310BM	65	2-3	2.9	3.50	--	x	10/23/20	
Direct Energy	ECE H80 T2 RH310BM	80	4	2.9	3.50	--	x	10/23/20	
Kenmore	153.5925	50	2-3	2.9	2.9	--	--	6/24/16	
Kenmore	153.5926	66	3	3.1	3.1	--	--	6/24/16	
Kenmore	153.5928	80	4+	2.9	2.9	--	--	6/24/16	
Lochinvar	HPA051KD 120	50	2-3	2.9	3.42	--	x	6/24/16	
Lochinvar	HPA052KD ***	50	2-3	2.9	3.45	--	x	6/24/16	
Lochinvar	HPA067KD 120	66	3	3.1	3.00	--	--	6/24/16	
Lochinvar	HPA068KD ***	66	3	3.1	3.45	--	x	6/24/16	
Lochinvar	HPA081KD 120	80	4+	2.9	2.73	--	--	6/24/16	
Lochinvar	HPA082KD ***	80	4+	2.9	3.45	--	x	6/24/16	
Reliance	10 50 DHPHT 120	50	2-3	2.9	3.42	--	x	6/24/16	
Reliance	10 50 DHPHTNE ***	50	2-3	2.9	3.45	--	x	6/24/16	
Reliance	10 66 DHPHT 120	66	3	3.1	3.00	--	--	6/24/16	
Reliance	10 66 DHPHTNE ***	66	3	3.1	3.45	--	x	6/24/16	
Reliance	10 80 DHPHT 120	80	4+	2.9	2.73	--	--	6/24/16	
Reliance	10 80 DHPHTNE ***	80	4+	2.9	3.45	--	x	6/24/16	
Reliance	10-50-DHPHTCTA 130	50	2-3	2.9	3.45	x	x	1/18/21	
Reliance	10-50-DHPHTDR 130	50	2-3	2.9	3.45	x	x	10/14/20	
Reliance	10-66-DHPHTCTA 130	66	3	3.1	3.45	x	x	1/18/21	
Reliance	10-66-DHPHTDR 130	66	3	3.1	3.45	x	x	10/14/20	
Reliance	10-80-DHPHTCTA 130	80	4+	2.9	3.45	x	x	1/18/21	
Reliance	10-80-DHPHTDR 130	80	4+	2.9	3.45	x	x	10/14/20	
							CIA-2045		
							Compliant	2023 Tax	
Product Tier	Product Brand	Model ^a	Volume (gallons)	Maximum Recommended Household Size	Cool Climate Efficiency (CCE) ^b	Uniform Energy Factor (UEF)	Communication Port ^c	Credit Eligible ^d	Qualified Date
Tier 3 continued	Rheem	HPLD50	50	2-3	3.2	3.55	--	x	12/6/17
	Rheem	HPLD65	65	2-3	3.4	3.70	--	x	12/6/17
	Rheem	HPLD80	80	4	3.4	3.70	--	x	12/6/17
	Rheem	PRO H40 T2 RH310BM	40	2	2.9	3.50	--	x	4/23/20
	Rheem	PRO H40 T2 RH310UM	40	2	2.9	3.50	x	x	11/23/20
	Rheem	PRO H50 T2 RH310BM	50	2-3	2.9	3.50	--	x	4/23/20
	Rheem	PRO H50 T2 RH310UM	50	2-3	2.9	3.50	x	x	11/23/20
	Rheem	PRO H50 T2 RH350BM	50	2-3	3.2	3.50	--	x	8/20/18
	Rheem	PRO H65 T2 RH310BM	65	2-3	2.9	3.50	--	x	4/23/20
	Rheem	PRO H65 T2 RH310UM	65	2-3	2.9	3.50	x	x	11/23/20
	Rheem	PRO H65 T2 RH350BM	65	2-3	3.4	3.70	--	x	8/20/18
	Rheem	PRO H80 T2 RH310BM	80	4	2.9	3.50	--	x	4/23/20

Rheem	PRO H80 T2 RH310UM	80	4	2.9	3.50	x	x	11/23/20
Rheem	PRO H80 T2 RH350BM	80	4	3.4	3.70	--	x	8/20/18
Rheem	PROPH50 T2 RH350 DC	50	2-3	3.2	3.55	--	x	12/6/17
Rheem	PROPH65 T2 RH350 DC	65	2-3	3.4	3.70	--	x	12/6/17
Rheem	PROPH80 T2 RH350 D	80	4	3.4	3.70	--	x	10/24/16
Rheem	PROPH80 T2 RH350 DC	80	4	3.4	3.70	--	x	12/6/17
Rheem	XE40T10HM00U0	40	2-3	2.5	2.80	x	x	7/18/22
Rheem	XE40T10HMS00U0	40	2-3	2.5	2.80	x	x	7/18/22
Rheem	XE50T10HD22U0	50	2-3	3.2	3.55	--	x	12/6/17
Rheem	XE50T10HD50U0	50	2-3	3.2	3.55	--	x	10/24/16
Rheem	XE50T10HD50U1	50	2-3	3.2	3.55	--	x	12/6/17
Rheem	XE50T10HM00U0	50	2-3	2.6	3.00	x	x	7/18/22
Rheem	XE50T10HMS00U0	50	2-3	2.6	3.00	x	x	7/18/22
Rheem	XE65T10HD22U0	65	2-3	3.2	3.55	--	x	12/6/17
Rheem	XE65T10HD50U0	65	2-3	3.4	3.70	--	x	10/24/16
Rheem	XE65T10HM00U0	65	3	2.6	3.30	x	x	7/18/22
Rheem	XE65T10HMS00U0	65	3	2.6	3.30	x	x	7/18/22
Rheem	XE80T10HD50U0	80	4	3.4	3.70	--	x	10/24/16
Rheem	XE80T10HM00U0	80	4+	2.9	3.50	x	x	7/18/22
Rheem	XE80T10HMS00U0	80	4+	2.9	3.50	x	x	7/18/22
Rheem Canada	CPRO H40 T2 RH310BM	40	2	2.9	3.50	---	x	10/23/20
Rheem Canada	CPRO H50 T2 RH310BM	50	2-3	2.9	3.50	---	x	10/23/20
Rheem Canada	CPRO H65 T2 RH310BM	65	2-3	2.9	3.50	---	x	10/23/20
Rheem Canada	CPRO H80 T2 RH310BM	80	4	2.9	3.50	---	x	10/23/20
Rheem Prestige	PROPH40 TO RH120-M	40	2-3	2.5	2.80	x	x	7/18/22
Rheem Prestige	PROPH40 TO RH120-MSO	40	2-3	2.5	2.80	x	x	7/18/22
Rheem Prestige	PROPH50 TO RH120-M	50	2-3	2.6	3.00	x	x	7/18/22
Rheem Prestige	PROPH50 TO RH120-MSO	50	2-3	2.6	3.00	x	x	7/18/22
Rheem Prestige	PROPH65 TO RH120-M	65	3	2.6	3.30	x	x	7/18/22
Rheem Prestige	PROPH65 TO RH120-MSO	65	3	2.6	3.30	x	x	7/18/22
Rheem Prestige	PROPH80 TO RH120-M	80	4+	2.9	3.50	x	x	7/18/22
Rheem Prestige	PROPH80 TO RH120-MSO	80	4+	2.9	3.50	x	x	7/18/22
Richmond	10E40-HP120M	40	2-3	2.5	2.80	x	x	7/18/22
Richmond	10E40-HP120MS	40	2-3	2.5	2.80	x	x	7/18/22
Richmond	10E50-HP120M	50	2-3	2.6	3.00	x	x	7/18/22
Richmond	10E50-HP120MS	50	2-3	2.6	3.00	x	x	7/18/22
Richmond	10E50-HP4D	50	2-3	3.2	3.55	--	x	10/24/16
Richmond	10E65-HP120M	65	3	2.6	3.30	x	x	7/18/22
Richmond	10E65-HP120MS	65	3	2.6	3.30	x	x	7/18/22
Richmond	10E65-HP4D	65	2-3	3.4	3.70	--	x	10/24/16
Richmond	10E65-HP4D15	65	2-3	3.2	3.55	--	x	12/6/17
Richmond	10E80-HP120M	80	4+	2.9	3.50	x	x	7/18/22
Richmond	10E80-HP120MS	80	4+	2.9	3.50	x	x	7/18/22
Richmond	10E80-HP4D	80	4	3.4	3.70	--	x	10/24/16
Richmond	10E80-HP4D15	80	4	3.2	3.27	--	--	12/6/17
Ruud	PRO H40 T2 RU310BM	40	2	2.9	3.50	--	x	4/23/20
Ruud	PRO H40 T2 RU310UM	40	2	2.9	3.50	x	x	11/23/20
Ruud	PRO H50 T2 RU310BM	50	2-3	2.9	3.50	--	x	4/23/20

Product Tier	Product Brand	Model ^a	Volume (gallons)	Maximum Recommended Household Size	Cool Climate Efficiency (CCE) ^b	Uniform Energy Factor (UEF)	CTA-2045	2023 Tax	Qualified Date
							Compliant	Credit Eligible ^d	
Tier 3 continued	Ruud	PRO H50 T2 RU310UM	50	2-3	2.9	3.50	x	x	11/23/20
	Ruud	PRO H50 T2 RU350BM	50	2-3	3.2	3.50	--	x	8/20/18
	Ruud	PRO H65 T2 RU310BM	65	2-3	2.9	3.50	--	x	4/23/20
	Ruud	PRO H65 T2 RU310UM	65	2-3	2.9	3.50	x	x	11/23/20
	Ruud	PRO H65 T2 RU350BM	65	2-3	3.4	3.70	--	x	8/20/18
	Ruud	PRO H80 T2 RU310BM	80	4+	2.9	3.50	--	x	4/23/20
	Ruud	PRO H80 T2 RU310UM	80	4	2.9	3.50	x	x	11/23/20
	Ruud	PRO H80 T2 RU350BM	80	4	3.4	3.70	--	x	8/20/18
	Ruud	PROUH40 TO RU120-M	40	2-3	2.5	2.80	x	x	7/18/22
	Ruud	PROUH40 TO RU120-MSO	40	2-3	2.5	2.80	x	x	7/18/22
	Ruud	PROUH50 TO RU120-M	50	2-3	2.6	3.00	x	x	7/18/22
	Ruud	PROUH50 TO RU120-MSO	50	2-3	2.6	3.00	x	x	7/18/22
	Ruud	PROUH50 T2 RU350 D	50	2-3	3.2	3.55	--	x	10/24/16
	Ruud	PROUH50 T2 RU350 DCB	50	2-3	3.2	3.55	--	x	12/6/17
	Ruud	PROUH65 TO RU120-M	65	3	2.6	3.30	x	x	7/18/22
	Ruud	PROUH65 TO RU120-MSO	65	3	2.6	3.30	x	x	7/18/22
	Ruud	PROUH65 T2 RU350 D	65	2-3	3.4	3.70	--	x	10/24/16
	Ruud	PROUH65 T2 RU350 D15	65	2-3	3.2	3.55	--	x	12/6/17

	Ruud	PROUH65 T2 RU350 DCB	65	2-3	3.4	3.70	--	x	12/6/17
	Ruud	PROUH80 TO RU120-M	80	4+	2.9	3.50	x	x	7/18/22
	Ruud	PROUH80 TO RU120-MSO	80	4+	2.9	3.50	x	x	7/18/22
	Ruud	PROUH80 T2 RU350 D	80	4	3.4	3.70	--	x	10/24/16
	Ruud	PROUH80 T2 RU350 D15	80	4	3.2	3.27	--	--	12/6/17
	Ruud	PROUH80 T2 RU350 DCB	80	4	3.4	3.70	--	x	12/6/17
	State	HPX 50 DHPT 120	50	2-3	2.9	3.42	--	x	6/24/16
	State	HPX 50 DHPTNE ***	50	2-3	2.9	3.45	--	x	6/24/16
	State	HPX 66 DHPT 120	66	3	3.1	3.00	--	--	6/24/16
	State	HPX 66 DHPTNE ***	66	3	3.1	3.45	--	x	6/24/16
	State	HPX 80 DHPT 120	80	4+	2.9	2.73	--	--	6/24/16
	State	HPX 80 DHPTNE ***	80	4+	2.9	3.45	--	x	6/24/16
	State	HPX-50-DHPTCTA 130	50	2-3	2.9	3.45	x	x	1/18/21
	State	HPX-50-DHPTDR 130	50	2-3	2.9	3.45	x	x	10/14/20
	State	HPX-66-DHPTCTA 130	66	3	3.1	3.45	x	x	1/18/21
	State	HPX-66-DHPTDR 130	66	3	3.1	3.45	x	x	10/14/20
	State	HPX-80-DHPTCTA 130	80	4+	2.9	3.45	x	x	1/18/21
	State	HPX-80-DHPTDR 130	80	4+	2.9	3.45	x	x	10/14/20
	US Craftmaster	HPHE2K50HD045VUN ***	50	2-3	2.9	3.45	--	x	6/24/16
	US Craftmaster	HPHE2K66HD045VUN ***	66	3	3.1	3.45	--	x	6/24/16
	US Craftmaster	HPHE2K80HD045VUN ***	80	4+	2.9	3.45	--	x	6/24/16
	Whirlpool	HPHE2K50HD045V 120	50	2-3	2.9	2.9	--	--	6/24/16
	Whirlpool	HPHE2K50HD045VN 120	50	2-3	2.9	2.9	--	--	6/24/16
	Whirlpool	HPHE2K80HD045V 120	80	4+	2.9	2.9	--	--	6/24/16
Tier 2	Bradford White	RE2H50S10-1NCTT	50	2-3	3.0	3.44	--	x	1/13/23
	Bradford White	RE2H65T10-1NCTT	65	3	3.2	3.64	--	x	1/13/23
	Bradford White	RE2H80T10-1NCTT	80	4+	3.2	3.59	--	x	1/13/23
	Rheem	XE40T10H15U0	40	2-3	2.7	3.00	--	x	7/18/22
	Rheem	XE50T10H15U0	50	2-3	2.7	3.00	--	x	7/18/22
	Rheem Prestige	PROPH40 TO RH120	40	2-3	2.7	3.00	--	x	7/18/22
	Rheem Prestige	PROPH50 TO RH120	50	2-3	2.7	3.00	--	x	7/18/22
	Richmond	10E40-HP120	40	2-3	2.7	3.00	--	x	7/18/22
	Richmond	10E50-HP120	50	2-3	2.7	3.00	--	x	7/18/22
	Ruud	PROUH40 TO RU120	40	2-3	2.7	3.00	--	x	7/18/22
	Ruud	PROUH50 TO RU120	50	2-3	2.7	3.00	--	x	7/18/22
Tier 1	Bradford White	RE2H50S6-*****	50	2-3	2.8	3.39	--	x	4/23/20
	Bradford White	RE2H65T6-*****	65	3	3.0	3.46	--	x	4/23/20
	Bradford White	RE2H80T6-*****	80	4+	3.1	3.48	--	x	4/23/20

a) For models including asterisks "**", any number is allowed to substitute for the *. For example, *** could be 120 or 130.

b) Version 7 of the Advanced Water Heating Specification renamed the Uniform Energy Factor NC (UEFnc) to Cool Climate Efficiency (CCE); the underlying tests and calculations remained identical. All products are now required to qualify under the CCE procedure.

c) An "x" in this column indicates that the particular model has a CTA-2045 compliant communications port (EcoPort). The EcoPort requirement for Tier 3 and higher was introduced with Version 7 of the Advanced Water Heating Specification. Models qualified before version 7 may qualify for Tier 3 or higher without EcoPort.

d) An "x" in this column indicates product meets efficiency requirements for IRA 2023 tax credit. Read more at www.energystar.gov/about/federal_tax_credits/water_heaters_non_solar

Split-System Water Heaters									
Product Tier	Product Brand	Model	Volume (gallons)	Maximum Recommended Household Size	Seasonal Coefficient of Performance (SCOP)	Uniform Energy Factor (UEF)	CTA-2045 Compliant Communication Port ^c	2023 Tax Credit Eligible ^d	Qualified Date
Tier 3	SANCO ₂	GS4-45HPC + SAN-43SSAQA	43	3	2.9 ^e	3.10	--	x	6/18/21
	SANCO ₂	GS4-45HPC + SAN-83SSAQA	83	4+	2.9	3.75	--	x	6/18/21
	SANCO ₂	GS4-45HPC + SAN-119GLBK	119	4+	2.9 ^e	3.40	--	x	6/18/21
	Harvest Thermal	PD2A-10-43	43	3	2.9 ^e		--	--	12/22/21
	Harvest Thermal	PD2A-10-83	83	4+	2.9 ^e		--	--	12/22/21
	Harvest Thermal	PD2A-10-119	119	4+	2.9 ^e		--	--	12/22/21
Tier 2	Aqua ThermAire	CHT2021-36A	n/a ^f	n/a ^f	2.7	2.95	--	x	11/9/22
	Aqua ThermAire	CHT2021-36C	n/a ^f	n/a ^f	2.7	2.95	--	x	11/9/22
	Aqua ThermAire	CHT2021-48A	n/a ^f	n/a ^f	2.7	2.95	--	x	11/9/22
	Aqua ThermAire	CHT2021-48C	n/a ^f	n/a ^f	2.7	2.95	--	x	11/9/22

c) An "x" in this column indicates that the particular model has a CTA-2045 compliant communications port (EcoPort). The EcoPort requirement for Tier 3 and higher was introduced with Version 7 of the Advanced Water Heating Specification. Models qualified before version 7 may qualify for Tier 3 or higher without EcoPort.

d) An "x" in this column indicates product meets efficiency requirements for IRA 2023 tax credit. Read more at www.energystar.gov/about/federal_tax_credits/water_heaters_non_solar

e) Values based on testing of SANCO₂ GS4-45HPC heat pump with 83-gallon SAN-83SSAWA tank.

f) Due to unique product design, storage volume and maximum recommended household size for this product cannot be evenly compared to others on this list. Refer to manufacturer recommendations for product sizing.

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



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