



Wall-Mounted Air Handler & Standard Heat Single-Zone Condenser Capacity Performance Chart

STANDARD HEAT SINGLE-ZONE CONDENSER & WALL MOUNTED AIR HANDLER HEATING PERFORMANCE CHART

Model	Thermostat Setting	System Output	Outdoor Temperature																			
			-22°F	-13°F	-4°F	0°F	5°F	14°F	17°F	22°F	27°F	32°F	35°F	37°F	42°F	44.6°F	47°F	52°F	57°F	59°F	62°F	64.4°F
ACiQ-09WS-HP115C & ACiQ-09ZS-HP115C (115V)	70°F (21.1°C)	BTU	--	3784	4374	5801	7585	8319	8564	9205	9846	10486	10871	11350	12548	13028	13747	13810	13873	13899	13937	13962
		% of Nominal Capacity	--	42%	49%	64%	84%	92%	95%	102%	109%	117%	121%	126%	139%	145%	153%	153%	154%	154%	155%	155%
ACiQ-09WS-HP230C & ACiQ-09ZS-HP230C (230V)	70°F (21.1°C)	BTU	--	5944	7169	8185	9455	10299	10581	11166	11752	12338	12689	12941	13571	13823	14201	13807	13414	13257	13021	12863
		% of Nominal Capacity	--	66%	80%	91%	105%	114%	118%	124%	131%	137%	141%	144%	151%	154%	158%	153%	149%	147%	145%	143%
ACiQ-12WS-HP115C & ACiQ-12ZS-HP115C (115V)	70°F (21.1°C)	BTU	--	3521	5067	6903	9199	8359	8080	8738	9397	10056	10451	10918	12085	12552	13252	13318	13385	13411	13451	13477
		% of Nominal Capacity	--	29%	42%	58%	77%	70%	67%	73%	78%	84%	87%	91%	101%	105%	110%	111%	112%	112%	112%	112%
ACiQ-12WS-HP230C & ACiQ-12ZS-HP230C (230V)	70°F (21.1°C)	BTU	--	5862	7319	7892	8609	9813	10214	10931	11647	12364	12794	13064	13741	14011	14417	14497	14576	14608	14655	14687
		% of Nominal Capacity	--	49%	61%	66%	72%	82%	85%	91%	97%	103%	107%	109%	115%	117%	120%	121%	121%	122%	122%	122%
ACiQ-18WS-HP230C & ACiQ-18ZS-HP230C	70°F (21.1°C)	BTU	10304	9028	10963	12102	13525	14599	14957	15761	16566	17370	17853	18577	20389	21113	22200	21982	21763	21675	21544	21457
		% of Nominal Capacity	57%	50%	61%	67%	75%	81%	83%	88%	92%	97%	99%	103%	113%	117%	123%	122%	121%	120%	120%	119%
ACiQ-24WS-HP230C & ACiQ-24ZS-HP230C	70°F (21.1°C)	BTU	--	11597	13289	15694	18025	20474	21291	22835	24379	25923	26849	27828	30276	31255	32724	32095	31466	31215	30838	30586
		% of Nominal Capacity	--	48%	55%	65%	75%	85%	89%	95%	102%	108%	112%	116%	126%	130%	136%	134%	131%	130%	128%	127%
ACiQ-30W-HP230C & ACiQ-30Z-HP230C	70°F (21.1°C)	BTU	--	15071	23407	22712	21844	20280	19759	20552	21345	22139	22615	24000	27463	28848	30926	30283	29640	29383	28997	28739
		% of Nominal Capacity	--	50%	78%	76%	73%	68%	66%	69%	71%	74%	75%	80%	92%	96%	103%	101%	99%	98%	97%	96%
ACiQ-36W-HP230C & ACiQ-36Z-HP230C	70°F (21.1°C)	BTU	--	15792	18554	19781	21315	24076	24996	25893	26790	27686	28224	29612	33082	34471	36553	34994	33435	32811	31876	31252
		% of Nominal Capacity	--	44%	52%	55%	59%	67%	69%	72%	74%	77%	78%	82%	92%	96%	102%	97%	93%	91%	89%	87%

STANDARD HEAT SINGLE-ZONE CONDENSER & WALL MOUNTED AIR HANDLER COOLING PERFORMANCE CHART

Model	Thermostat Setting	System Output	Outdoor Temperature																			
			-22°F	-13°F	-4°F	0°F	5°F	14°F	17°F	23°F	35°F	47°F	59°F	68°F	77°F	82°F	86°F	95°F	104°F	110°F	115°F	122°F
ACiQ-09WS-HP115C & ACiQ-09ZS-HP115C (115V)	80°F (26.7°C)	BTU	--	10400	11200	11556	12000	12243	12324	12313	12290	11604	12548	13256	13964	14004	13592	12665	11768	11229	9160	6401
		% of Nominal Capacity	--	116%	124%	128%	133%	136%	137%	137%	137%	129%	139%	147%	155%	156%	151%	141%	131%	125%	102%	71%
ACiQ-09WS-HP230C & ACiQ-09ZS-HP230C (230V)	80°F (26.7°C)	BTU	--	10234	11022	11372	11809	12336	12512	12641	12901	11464	11819	12084	12350	12242	11832	10912	9905	9301	8696	7889
		% of Nominal Capacity	--	114%	122%	126%	131%	137%	139%	140%	143%	127%	131%	134%	137%	136%	131%	121%	110%	103%	97%	88%
ACiQ-12WS-HP115C & ACiQ-12ZS-HP115C (115V)	80°F (26.7°C)	BTU	--	11092	11945	12324	12798	11941	11655	11782	12034	10816	11941	12784	13627	13666	13154	12003	11381	11007	9081	6514
		% of Nominal Capacity	--	92%	100%	103%	107%	100%	97%	98%	100%	90%	100%	107%	114%	114%	110%	100%	95%	92%	76%	54%
ACiQ-12WS-HP230C & ACiQ-12ZS-HP230C (230V)	80°F (26.7°C)	BTU	--	10983	11827	12203	12672	14435	15023	14174	12475	12766	12748	12735	12721	12845	13111	13709	12137	11193	9622	7527
		% of Nominal Capacity	--	92%	99%	102%	106%	120%	125%	118%	104%	106%	106%	106%	106%	107%	109%	114%	101%	93%	80%	63%
ACiQ-18WS-HP230C & ACiQ-18ZS-HP230C	80°F (26.7°C)	BTU	--	17896	19273	19885	20649	21064	21202	20906	20315	18441	19284	19916	20548	20712	20606	20367	16707	14511	12248	9229
		% of Nominal Capacity	--	99%	107%	110%	115%	117%	118%	116%	113%	102%	107%	111%	114%	115%	114%	113%	93%	81%	68%	51%
ACiQ-24WS-HP230C & ACiQ-24ZS-HP230C	80°F (26.7°C)	BTU	--	22024	23718	24471	25413	25502	25532	25637	25846	25506	26874	27901	28927	28977	28361	26975	23082	20746	19888	18744
		% of Nominal Capacity	--	92%	99%	102%	106%	106%	106%	107%	108%	106%	112%	116%	121%	121%	118%	112%	96%	86%	83%	78%
ACiQ-30W-HP230C & ACiQ-30Z-HP230C	80°F (26.7°C)	BTU	--	25845	27833	28716	29821	32741	33714	33099	31868	30797	32704	34134	35565	35748	35122	33714	30044	27842	19915	9345
		% of Nominal Capacity	--	86%	93%	96%	99%	109%	112%	110%	106%	103%	109%	114%	119%	119%	117%	112%	100%	93%	66%	31%
ACiQ-36W-HP230C & ACiQ-36Z-HP230C	80°F (26.7°C)	BTU	--	31573	34001	35081	36430	37702	38126	38821	40210	39798	39525	39321	39116	38682	37930	36239	28980	24624	19801	13369
		% of Nominal Capacity	--	88%	94%	97%	101%	105%	106%	108%	112%	111%	110%	109%	109%	107%	105%	101%	81%	68%	55%	37%



Wall-Mounted Air Handler & Extreme Heat Single-Zone Condenser Capacity Performance Chart

EXTREME HEAT SINGLE-ZONE CONDENSER & WALL MOUNTED AIR HANDLER HEATING PERFORMANCE CHART

Model	Thermostat Setting	System Output	Outdoor Temperature																			
			-22°F	-13°F	-4°F	0°F	5°F	14°F	17°F	22°F	27°F	32°F	35°F	37°F	42°F	44.6°F	47°F	52°F	57°F	59°F	62°F	64.4°F
ACiQ-06W-HH-MD & ACiQ-06ZPL-HP230C	70°F (21.1°C)	BTU	3180	4108	5125	6617	8482	8608	8649	9161	9673	10185	10492	10681	11153	11341	11625	12098	12572	12761	13046	13235
		% of Nominal Capacity	53%	68%	85%	110%	141%	143%	144%	153%	161%	170%	175%	178%	186%	189%	194%	202%	210%	213%	217%	221%
ACiQ-09W-HH-MD & ACiQ-09ZPL-HP230C	70°F (21.1°C)	BTU	5107	6004	8080	9673	11663	11986	12093	12673	13252	13832	14179	14508	15328	15657	16149	15454	14759	14481	14063	13785
		% of Nominal Capacity	57%	67%	90%	107%	130%	133%	134%	141%	147%	154%	158%	161%	170%	174%	179%	172%	164%	161%	156%	153%
ACiQ-12W-HH-MD & ACiQ-12ZPL-HP230C	70°F (21.1°C)	BTU	6278	7575	9260	10190	11352	12516	12904	13547	14190	14833	15218	15361	15719	15863	16077	15403	14729	14459	14055	13785
		% of Nominal Capacity	52%	63%	77%	85%	95%	104%	108%	113%	118%	124%	127%	128%	131%	132%	134%	128%	123%	120%	117%	115%
ACiQ-18W-HH-MD & ACiQ-18ZPL-HP230C	70°F (21.1°C)	BTU	9356	11782	15050	16433	18162	18052	18015	17948	17881	17813	17773	18187	19222	19636	20257	19529	18801	18510	18074	17783
		% of Nominal Capacity	52%	65%	84%	91%	101%	100%	100%	100%	99%	99%	99%	101%	107%	109%	113%	108%	104%	103%	100%	99%
ACiQ-24W-HH-MD & ACiQ-24ZPL-HP230C	70°F (21.1°C)	BTU	13532	16436	20482	22405	24809	25361	25546	26835	28124	29413	30186	30107	29909	29830	29712	29116	28520	28281	27923	27685
		% of Nominal Capacity	56%	68%	85%	93%	103%	106%	106%	112%	117%	123%	126%	125%	125%	124%	124%	121%	119%	118%	116%	115%

EXTREME HEAT SINGLE-ZONE CONDENSER & WALL MOUNTED AIR HANDLER COOLING PERFORMANCE CHART

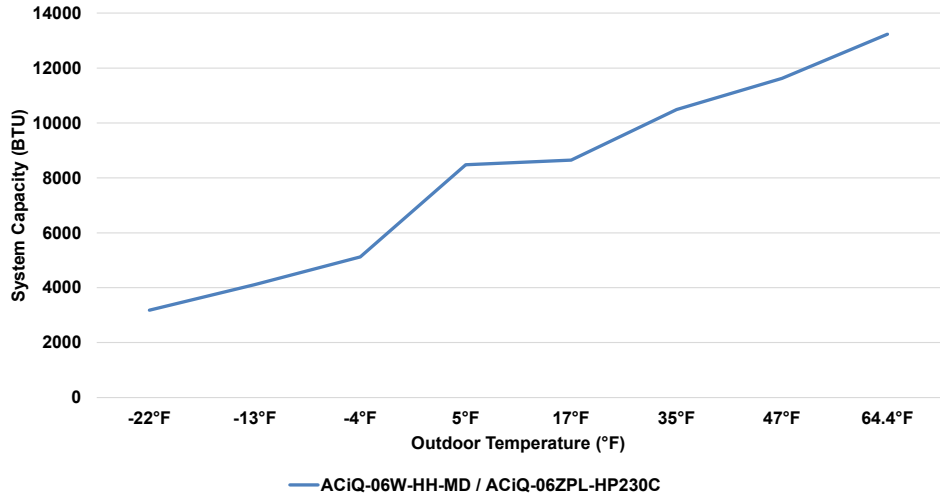
Model	Thermostat Setting	System Output	Outdoor Temperature																			
			-22°F	-13°F	-4°F	0°F	5°F	14°F	17°F	23°F	35°F	47°F	59°F	68°F	77°F	82°F	86°F	95°F	104°F	110°F	115°F	122°F
ACiQ-06W-HH-MD & ACiQ-06ZPL-HP230C	80°F (26.7°C)	BTU	9483	10273	11063	11414	11853	12286	12430	12861	13723	11212	12056	12690	13323	13411	13147	12553	11405	10717	9369	7571
		% of Nominal Capacity	158%	171%	184%	190%	198%	205%	207%	214%	229%	187%	201%	212%	222%	224%	219%	209%	190%	179%	156%	126%
ACiQ-09W-HH-MD & ACiQ-09ZPL-HP230C	80°F (26.7°C)	BTU	9731	10542	11352	11713	12163	12338	12396	12710	13338	13088	13502	13813	14123	14081	13775	13088	11917	11215	9600	7447
		% of Nominal Capacity	108%	117%	126%	130%	135%	137%	138%	141%	148%	145%	150%	153%	157%	156%	153%	145%	132%	125%	107%	83%
ACiQ-12W-HH-MD & ACiQ-12ZPL-HP230C	80°F (26.7°C)	BTU	10239	11092	11945	12324	12798	13771	14095	13463	12198	12119	13193	13999	14804	14819	14286	13088	12529	12194	9750	6490
		% of Nominal Capacity	85%	92%	100%	103%	107%	115%	117%	112%	102%	101%	110%	117%	123%	123%	119%	109%	104%	102%	81%	54%
ACiQ-18W-HH-MD & ACiQ-18ZPL-HP230C	80°F (26.7°C)	BTU	15234	16503	17773	18337	19042	19825	20086	20361	20909	20359	21234	21890	22545	22314	21378	19271	16473	14794	12992	10590
		% of Nominal Capacity	85%	92%	99%	102%	106%	110%	112%	113%	116%	113%	118%	122%	125%	124%	119%	107%	92%	82%	72%	59%
ACiQ-24W-HH-MD & ACiQ-24ZPL-HP230C	80°F (26.7°C)	BTU	21504	23296	25088	25884	26880	29651	30575	28149	23297	32479	32281	32132	31983	31408	30325	27890	24998	23263	18987	13286
		% of Nominal Capacity	90%	97%	105%	108%	112%	124%	127%	117%	97%	135%	135%	134%	133%	131%	126%	116%	104%	97%	79%	55%



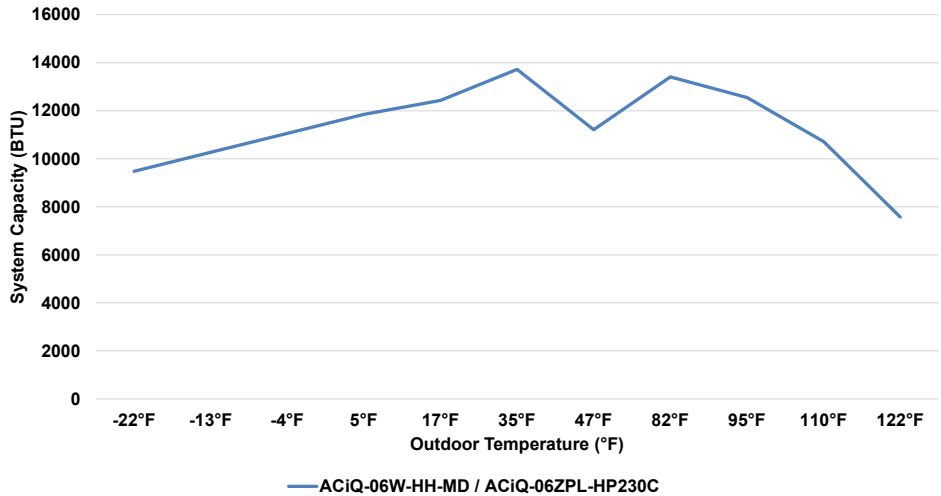
Std. & Ext. Single-Zone Condenser Systems (with wall-mounted air handler)
Performance Comparison Line Charts

6K Systems (only available in Extreme Heat Systems)

6K Extreme Heat Single-Zone Heating Performance at 70°F Setpoint

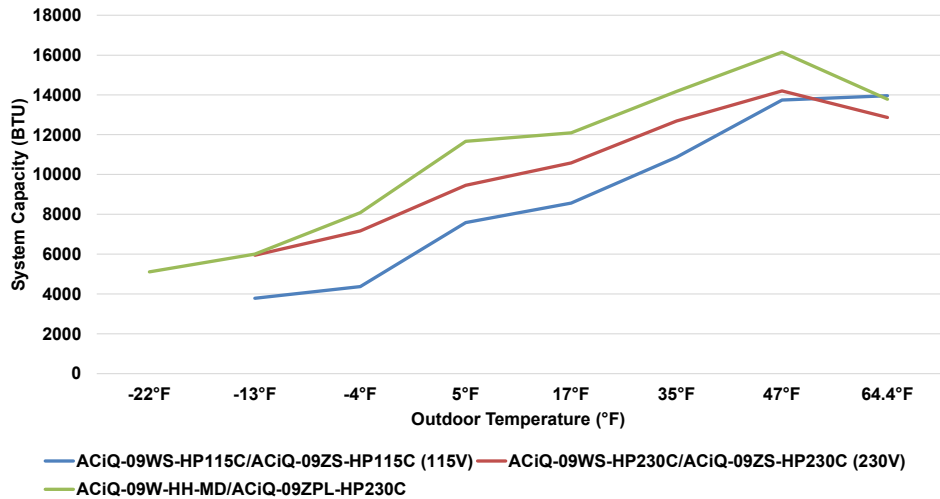


6K Extreme Heat Single-Zone Cooling Performance at 80°F Setpoint

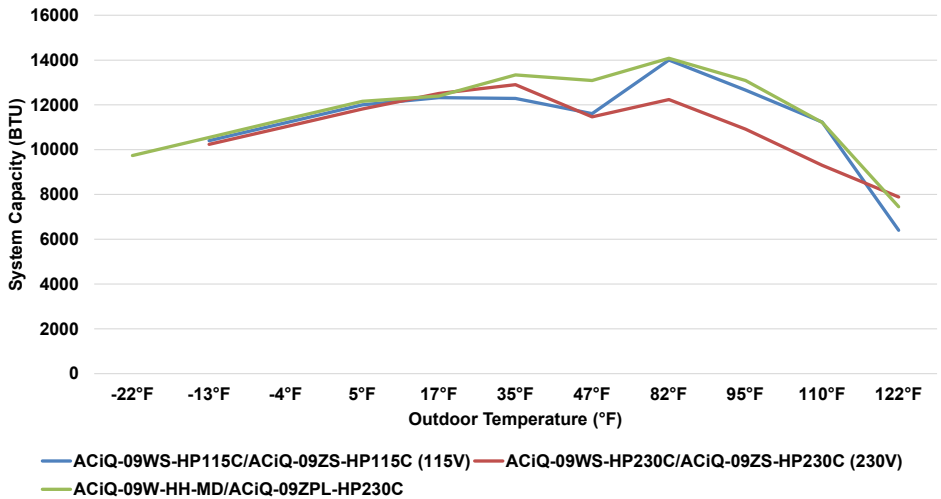


9K Systems

9K Standard & Extreme Heat Single-Zone Heating Performance at 70°F Setpoint

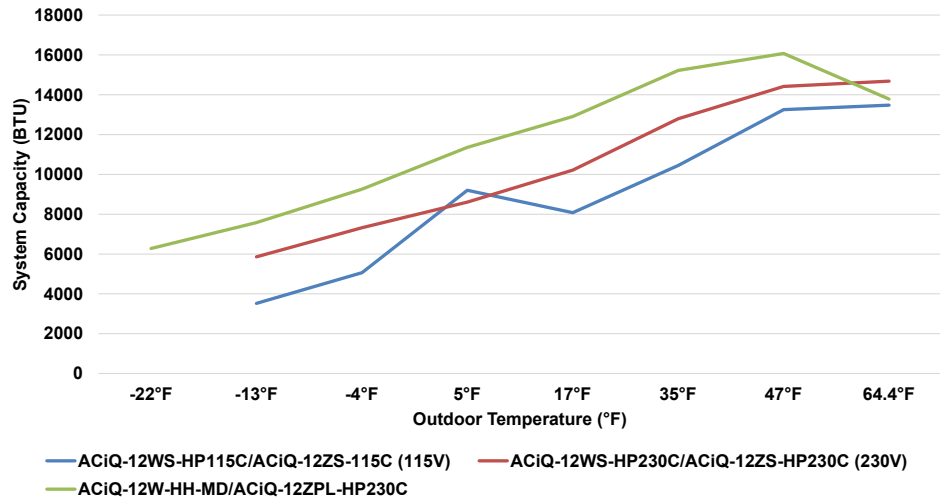


9K Standard & Extreme Heat Single-Zone Cooling Performance at 80°F Setpoint

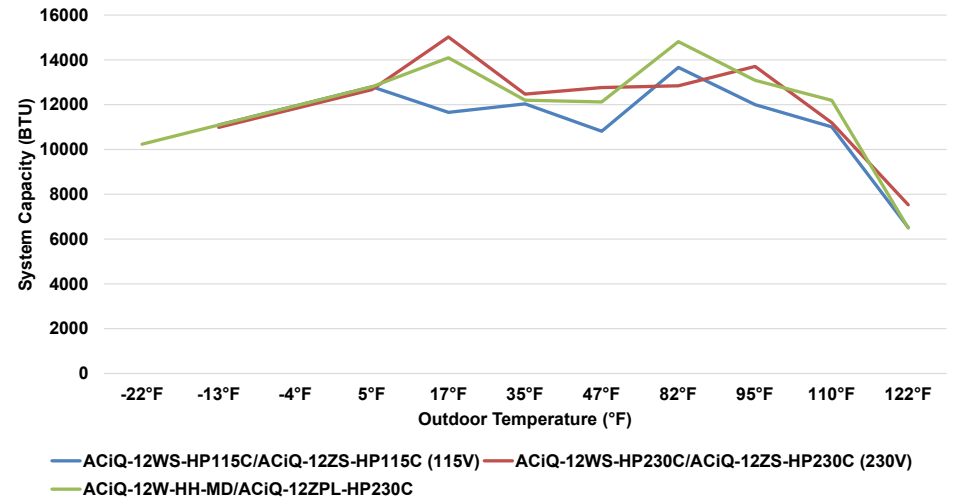


12K Systems

12K Standard & Extreme Heat Single-Zone Heating Performance at 70°F Setpoint

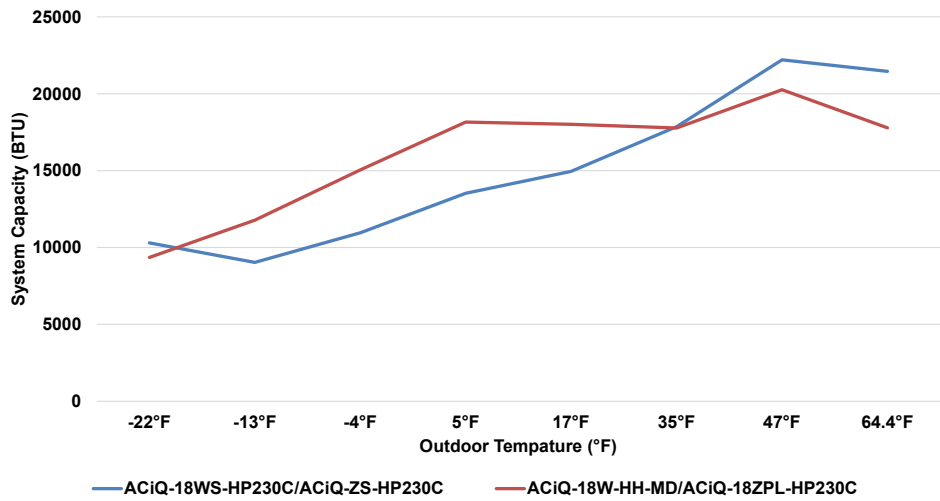


12K Standard & Extreme Heat Single-Zone Cooling Performance at 80°F Setpoint

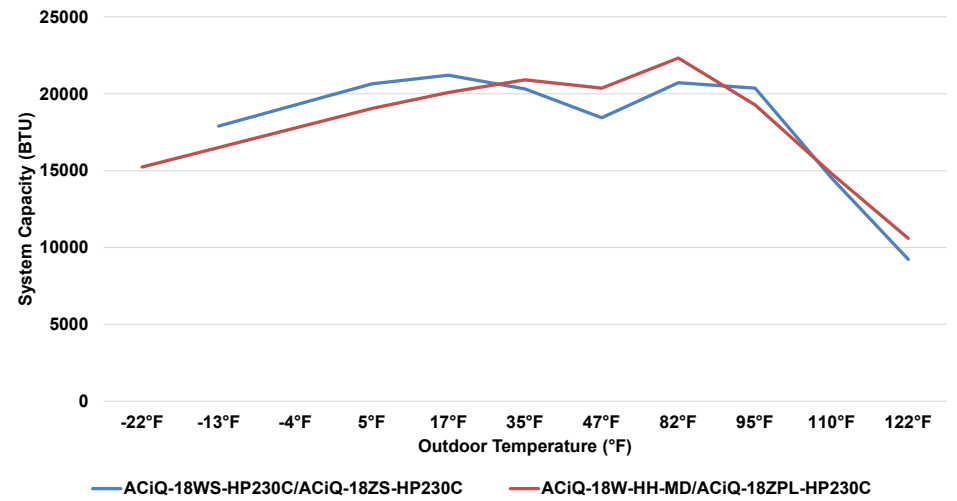


18K Systems

18K Standard & Extreme Heat Single-Zone Heating Performance at 70°F Setpoint

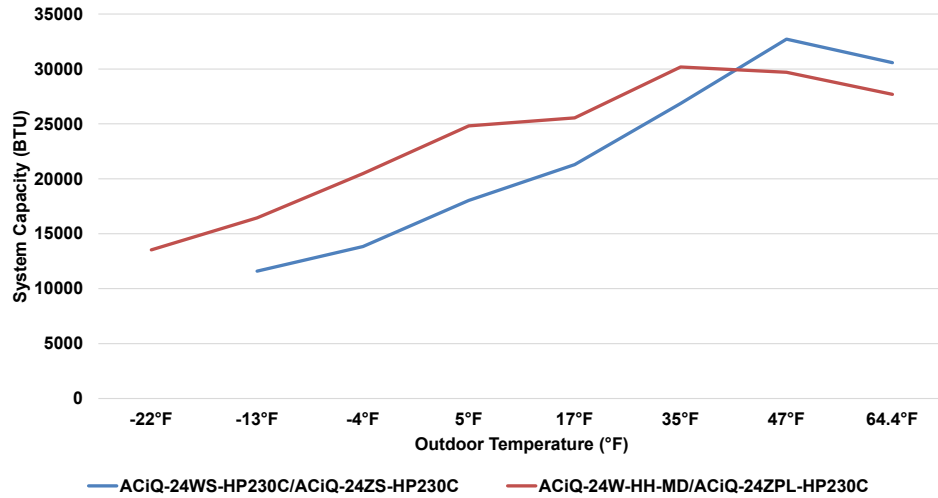


18K Standard & Extreme Heat Single-Zone Cooling Performance at 80°F Setpoint

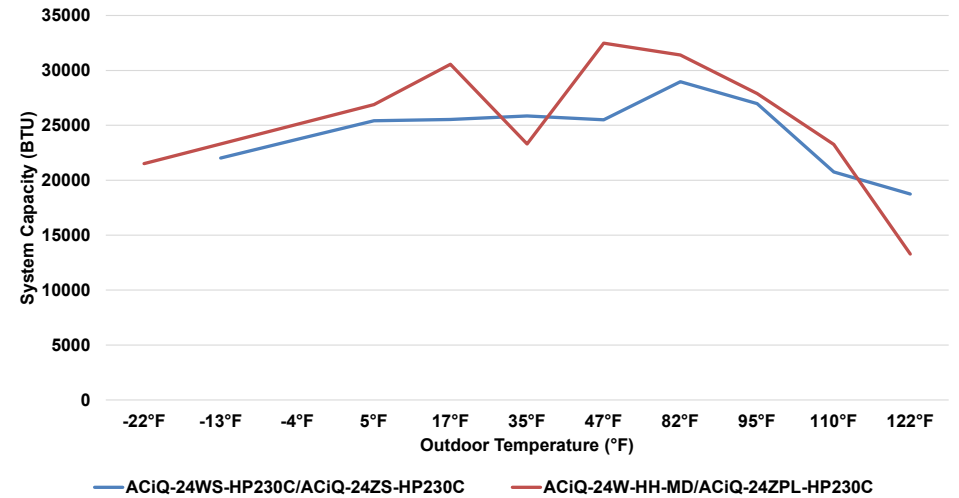


24K Systems

24K Standard & Extreme Heat Single-Zone Heating Performance at 70°F Setpoint

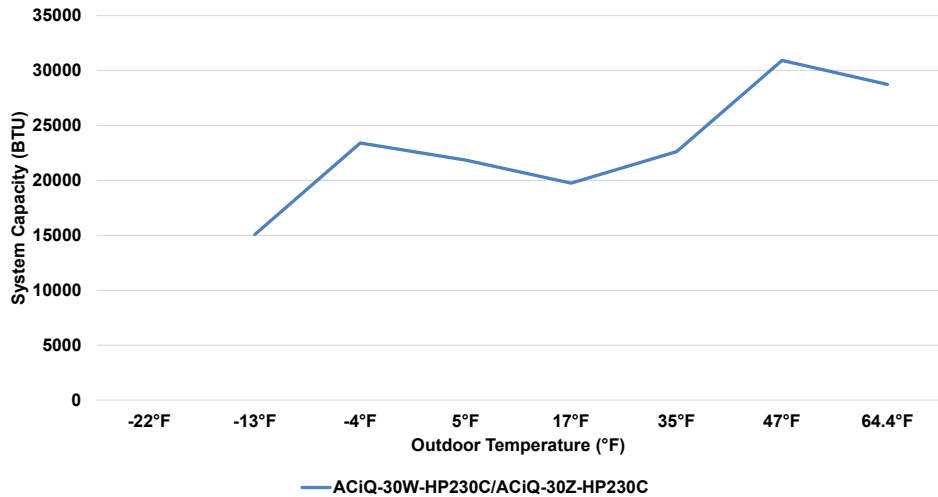


24K Standard & Extreme Heat Single-Zone Cooling Performance at 80°F Setpoint

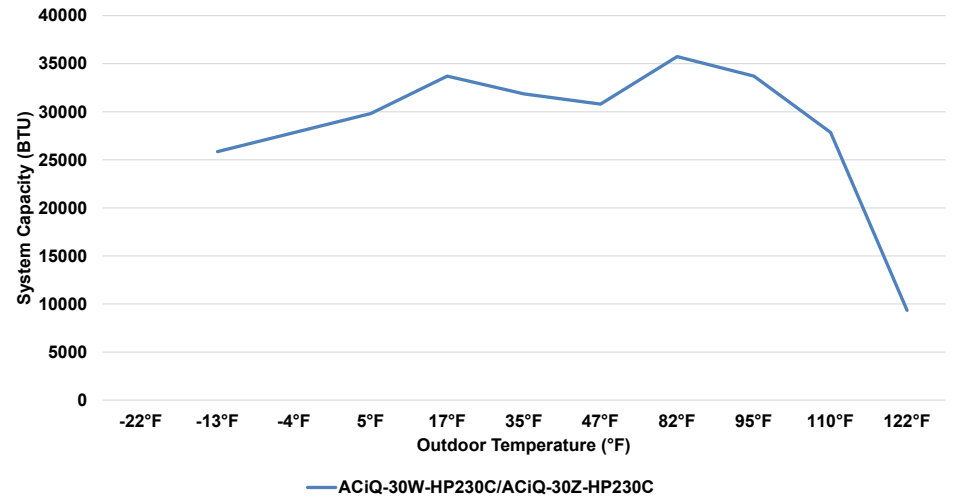


30K Systems (only available in Standard Heat Systems)

30K Standard Heat Single-Zone Heating Performance at 70°F Setpoint

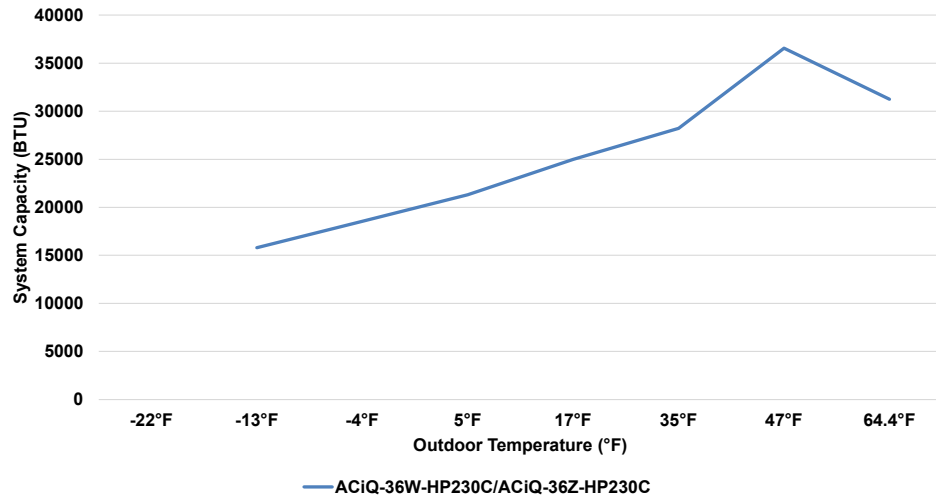


30K Standard Heat Single-Zone Cooling Performance at 80°F Setpoint



36K Systems (only available in Standard Heat Systems)

36K Standard Heat Single-Zone Heating Performance at 70°F Setpoint



36K Standard Heat Single-Zone Cooling Performance at 80°F Setpoint

