



Ceiling Cassette (4-Way) Air Handler & Extreme Heat Single-Zone Condenser Capacity Performance Chart

EXTREME HEAT SINGLE-ZONE CONDENSER & CEILING CASSETTE 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-09CC-HH-MC & ACiQ-09ZPL-HP230C	70°F (21.1°C)	BTU	4200	5500	7400	9000	11000	12200	12600	13168	13736	14304	14644	14870	15435	15661	16000	15562	15124	14949	14686	14511
		% of Nominal Capacity	47%	61%	82%	100%	122%	136%	140%	146%	153%	159%	163%	165%	172%	174%	178%	173%	168%	166%	163%	161%
ACiQ-12CC-HH-MC & ACiQ-12ZPL-HP230C	70°F (21.1°C)	BTU	4300	5600	7500	9278	11500	12550	12900	13552	14205	14857	15248	15424	15862	16037	16300	16039	15778	15673	15516	15412
		% of Nominal Capacity	36%	47%	63%	77%	96%	105%	108%	113%	118%	124%	127%	129%	132%	134%	136%	134%	131%	131%	129%	128%
ACiQ-18CC-HH-MC & ACiQ-18ZPL-HP230C	70°F (21.1°C)	BTU	7800	10000	14000	15333	17000	17750	18000	18416	18832	19249	19498	19649	20024	20175	20400	19382	18365	17958	17347	16940
		% of Nominal Capacity	43%	56%	78%	85%	94%	99%	100%	102%	105%	107%	108%	109%	111%	112%	113%	108%	102%	100%	96%	94%
ACiQ-24CC-HH-MC & ACiQ-24ZPL-HP230C	70°F (21.1°C)	BTU	9500	12600	17300	20189	23800	23875	23900	24748	25597	26445	26954	27578	29139	29764	30700	30327	29954	29805	29581	29432
		% of Nominal Capacity	40%	53%	72%	84%	99%	99%	100%	103%	107%	110%	112%	115%	121%	124%	128%	126%	125%	124%	123%	123%
ACiQ-36CC-HH-MC & ACiQ-36ZPL-HP230C	70°F (21.1°C)	BTU	19200	28500	30100	33167	37000	43900	46200	44715	43231	41746	40855	41479	43040	43644	44600	43548	42496	42075	41443	41022
		% of Nominal Capacity	53%	79%	84%	92%	103%	122%	128%	124%	120%	116%	113%	115%	120%	121%	124%	121%	118%	117%	115%	114%
ACiQ-48CC-HH-MC & ACiQ-48ZPL-HP230C	70°F (21.1°C)	BTU	24000	30400	38200	42333	47500	47875	48000	48800	49600	50400	50880	51966	54683	55770	57400	57071	56742	56610	56413	56281
		% of Nominal Capacity	50%	63%	80%	88%	99%	100%	100%	102%	103%	105%	106%	108%	114%	116%	120%	119%	118%	118%	118%	117%

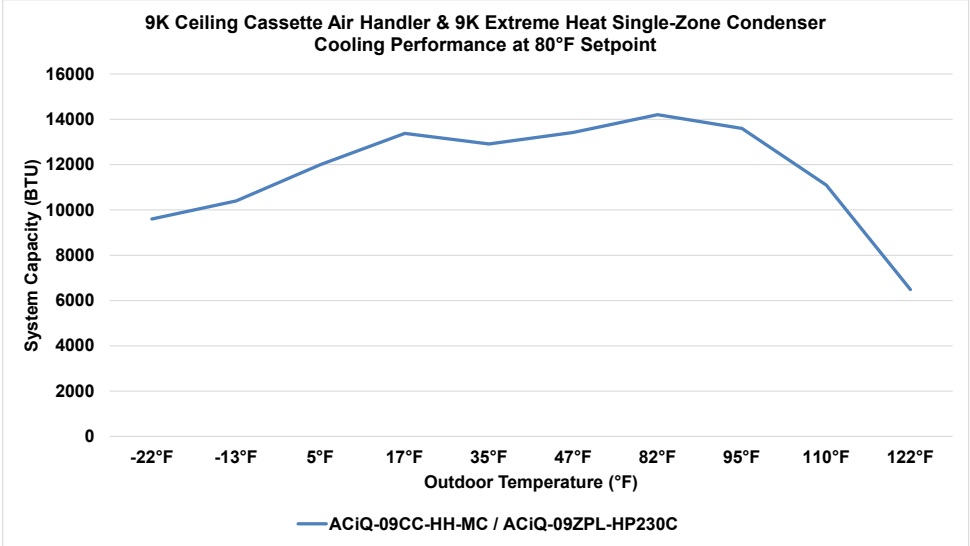
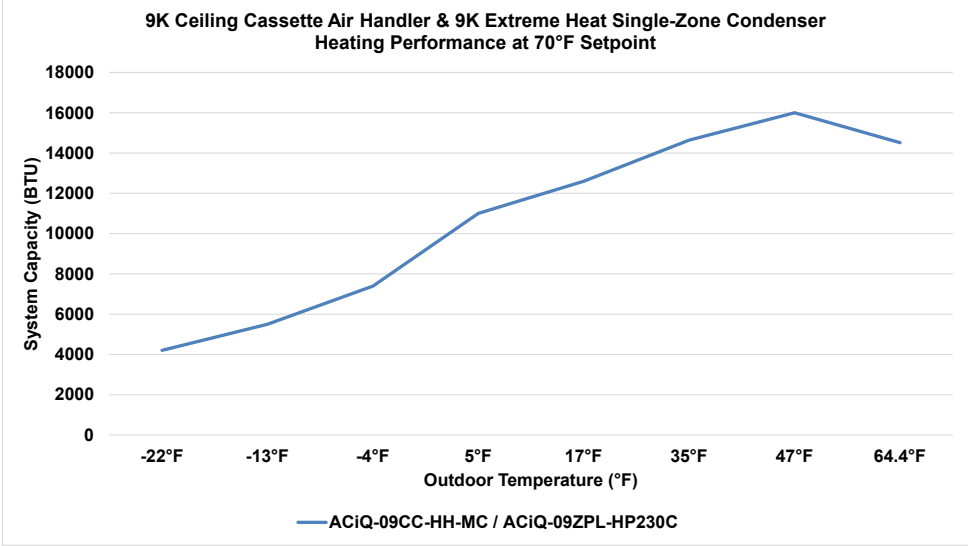
EXTREME HEAT SINGLE-ZONE CONDENSER & CEILING CASSETTE AIR HANDLER COOLING PERFORMANCE CHART

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-09CC-HH-MC & ACiQ-09ZPL-HP230C	80°F (26.7°C)	BTU	9600	10400	11200	11556	12000	13036	13382	13227	12916	13419	13739	13979	14218	14209	14022	13600	12038	11100	9121	6483
		% of Nominal Capacity	107%	116%	124%	128%	133%	145%	149%	147%	144%	149%	153%	155%	158%	158%	156%	151%	134%	123%	101%	72%
ACiQ-12CC-HH-MC & ACiQ-12ZPL-HP230C	80°F (26.7°C)	BTU	9680	10487	11293	11652	12100	12384	12479	12513	12581	13682	14269	14710	15150	15274	15220	15100	12975	11700	9496	6558
		% of Nominal Capacity	81%	87%	94%	97%	101%	103%	104%	104%	105%	114%	119%	123%	126%	127%	127%	126%	108%	98%	79%	55%
ACiQ-18CC-HH-MC & ACiQ-18ZPL-HP230C	80°F (26.7°C)	BTU	14400	15600	16800	17333	18000	19296	19728	19655	19510	18934	19684	20246	20809	20740	20205	19000	15875	14000	12234	9879
		% of Nominal Capacity	80%	87%	93%	96%	100%	107%	110%	109%	108%	105%	109%	112%	116%	115%	112%	106%	88%	78%	68%	55%
ACiQ-24CC-HH-MC & ACiQ-24ZPL-HP230C	80°F (26.7°C)	BTU	18560	26655	24927	24160	23200	27060	28347	27793	26685	29629	30635	31389	32144	31595	29935	26200	22950	21000	17697	13293
		% of Nominal Capacity	77%	111%	104%	101%	97%	113%	118%	116%	111%	123%	128%	131%	134%	132%	125%	109%	96%	88%	74%	55%
ACiQ-36CC-HH-MC & ACiQ-36ZPL-HP230C	80°F (26.7°C)	BTU	39200	42467	45733	47185	49000	44217	42623	43503	45264	38405	38113	37894	37675	37717	37958	38500	35938	34400	26875	16842
		% of Nominal Capacity	109%	118%	127%	131%	136%	123%	118%	121%	126%	107%	106%	105%	105%	105%	105%	107%	100%	96%	75%	47%
ACiQ-48CC-HH-MC & ACiQ-48ZPL-HP230C	80°F (26.7°C)	BTU	46400	50267	54133	55852	58000	62860	64480	62158	57513	61112	57079	54054	51029	50351	51073	52700	43950	38700	28143	14068
		% of Nominal Capacity	97%	105%	113%	116%	121%	131%	134%	129%	120%	127%	119%	113%	106%	105%	106%	110%	92%	81%	59%	29%

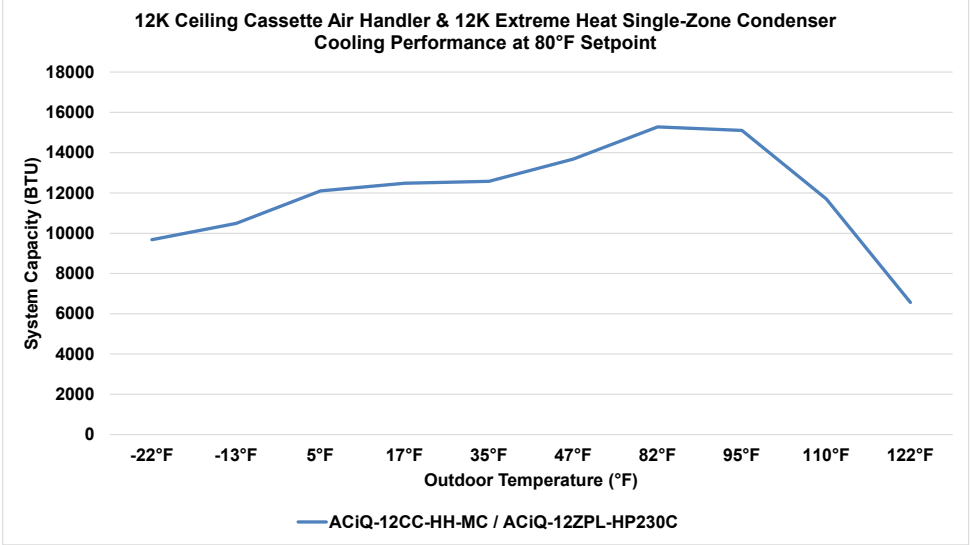
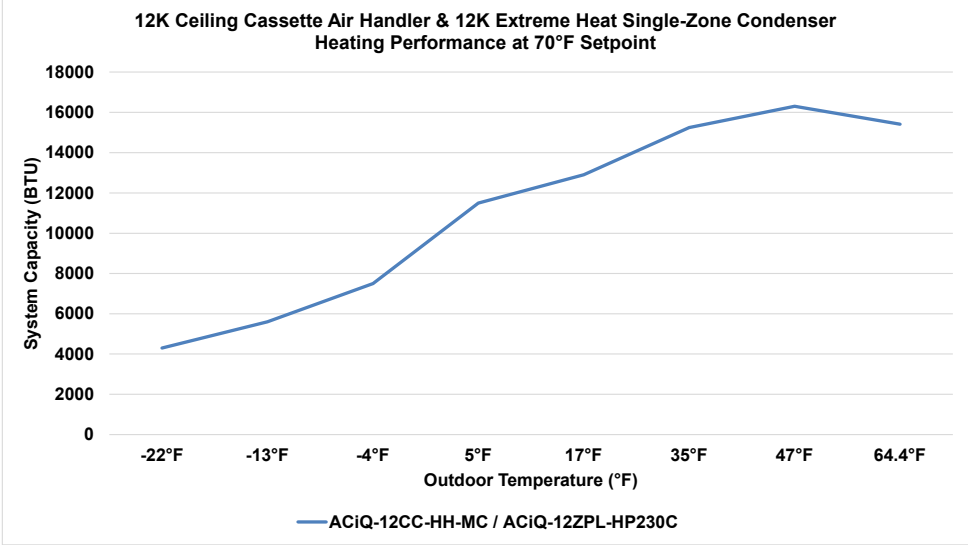


Ceiling Cassette Air Handler & Extreme Heat Single-Zone Condenser
Performance Line Charts

9K Systems

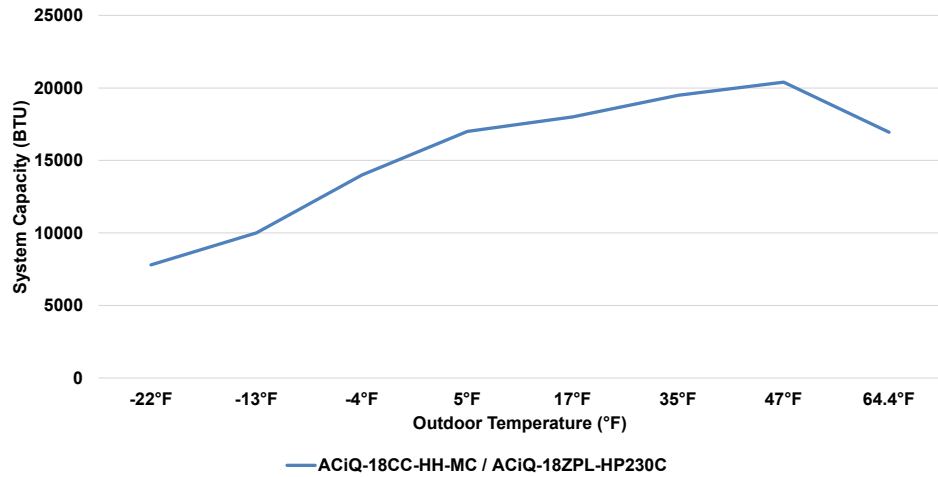


12K Systems

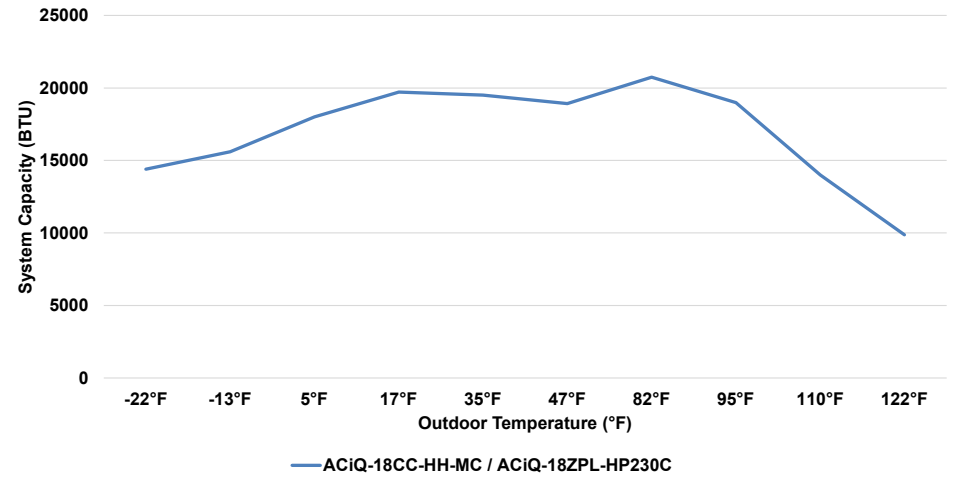


18K Systems

18K Ceiling Cassette Air Handler & 18K Extreme Heat Single-Zone Condenser
Heating Performance at 70°F Setpoint

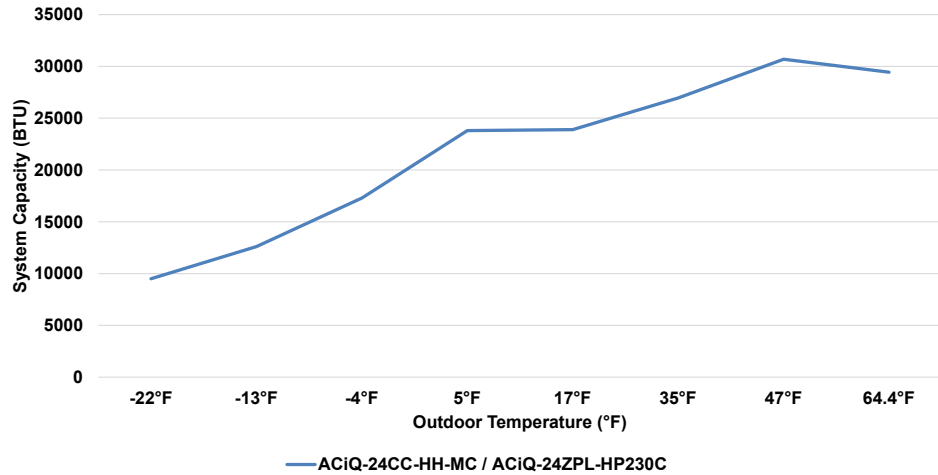


18K Ceiling Cassette Air Handler & 18K Extreme Heat Single-Zone Condenser
Cooling Performance at 80°F Setpoint

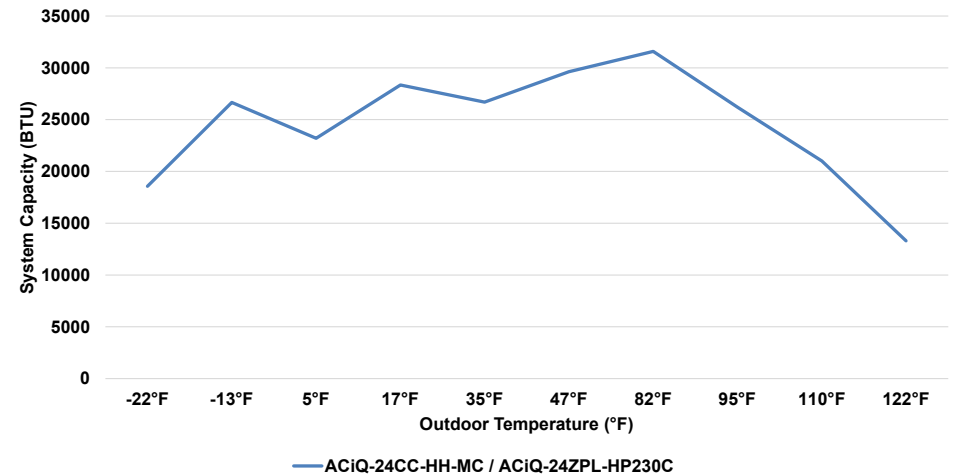


24K Systems

24K Ceiling Cassette Air Handler & 24K Extreme Heat Single-Zone Condenser
Heating Performance at 70°F Setpoint

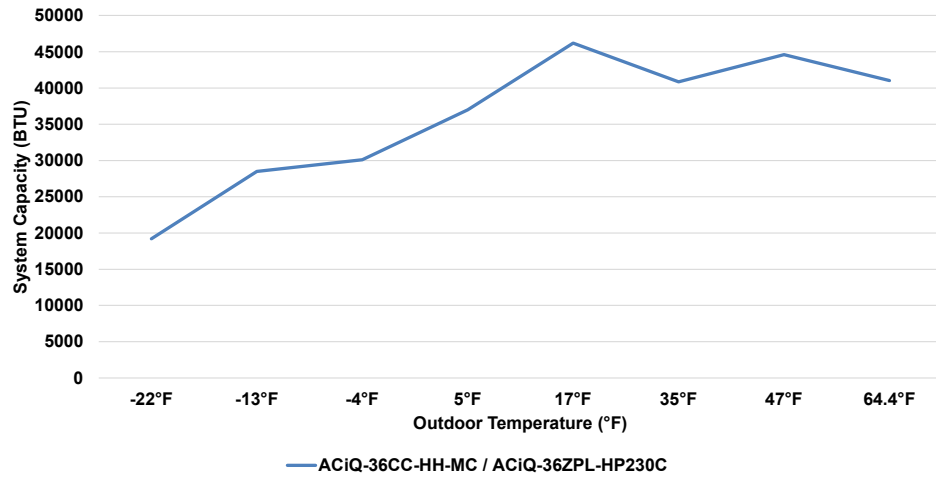


24K Ceiling Cassette Air Handler & 24K Extreme Heat Single-Zone Condenser
Cooling Performance at 80°F Setpoint

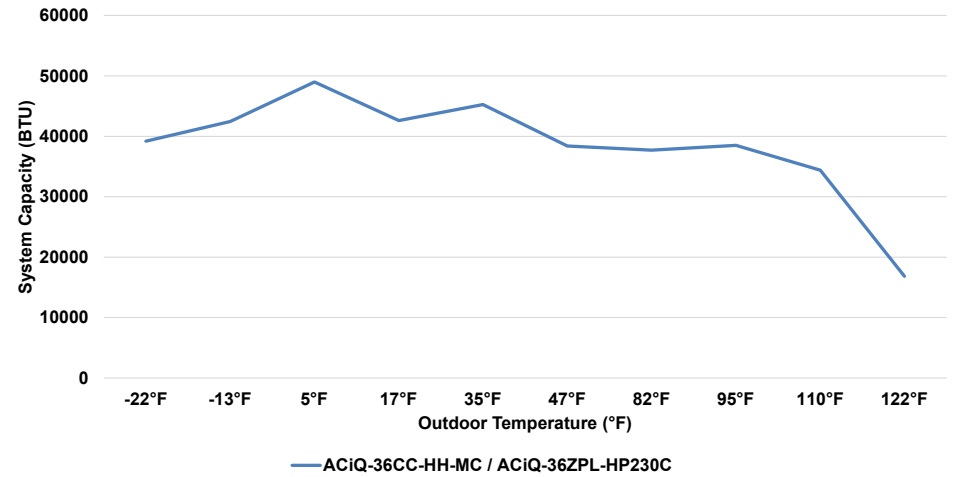


36K Systems

36K Ceiling Cassette Air Handler & 36K Extreme Heat Single-Zone Condenser
Heating Performance at 70°F Setpoint

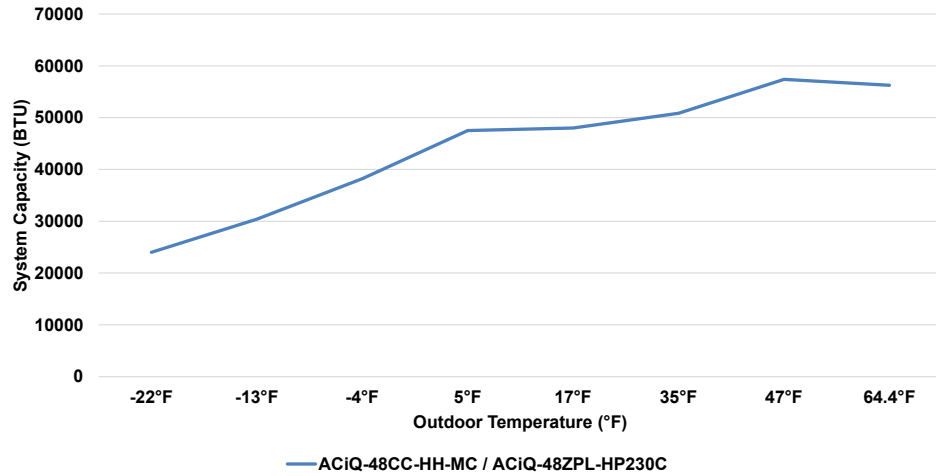


36K Ceiling Cassette Air Handler & 36K Extreme Heat Single-Zone Condenser
Cooling Performance at 80°F Setpoint



48K Systems

48K Ceiling Cassette Air Handler & 48K Extreme Heat Single-Zone Condenser
Heating Performance at 70°F Setpoint



48K Ceiling Cassette Air Handler & 48K Extreme Heat Single-Zone Condenser
Cooling Performance at 80°F Setpoint

