

ComfortStar®

Air Conditioning & Heating Products

eco
smart series™

CC32 Series Performance Data



12K | 115V

COOLING DATA

12K-115V

Outdoor		70F DB (21C)		75F DB (24C)		80F DB (27C)		90F DB (32C)	
Coil air		59F WB (15C)		63F WB (17C)		67F WB (19C)		73F WB (23C)	
DB F	DB C	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC
5	-15	6135	5171	6591	5501	7347	6230	8332	5513
14	-10	6033	5084	6480	5409	7225	6126	8193	5421
23	-5	5828	4912	6260	5225	6979	5918	7914	5237
33.8	1	6076	5121	6527	5448	7277	6170	8252	5460
53.6	12	7979	6725	8572	7155	9556	8103	10837	7171
68	20	8335	7025	8954	7474	9982	8464	11320	7491
77	25	8714	7345	9362	7814	10437	8849	11835	7831
86	30	9247	7794	9934	8292	11075	9390	12559	8310
95	35	9524	8027	10231	8540	11406	9671	12935	8559
109.4	43	9854	8305	10586	8836	11802	10007	13383	8856
118.4	48	9483	7992	10187	8503	11357	9629	12879	8522
131	55	4511	3802	4846	4045	5402	4581	6126	4054

*Total Capacity (BtuH) **Sensible Heat Capacity (BtuH)

12K | 230V

COOLING DATA

12K-230V

Outdoor		70F DB (21C)		75F DB (24C)		80F DB (27C)		90F DB (32C)	
Coil air		59F WB (15C)		63F WB (17C)		67F WB (19C)		73F WB (23C)	
DB F	DB C	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC
5	-15	6155	5188	6612	5519	7372	6250	8359	5531
14	-10	6052	5101	6502	5427	7248	6146	8220	5439
23	-5	5847	4928	6281	5242	7002	5937	7940	5254
33.8	1	6096	5138	6549	5466	7301	6190	8279	5478
53.6	12	8006	6747	8600	7178	9588	8129	10872	7194
68	20	8363	7048	8984	7498	10015	8492	11357	7515
77	25	8743	7369	9392	7839	10471	8878	11874	7857
86	30	9278	7819	9967	8319	11111	9421	12600	8338
95	35	9556	8054	10265	8568	11444	9703	12977	8587
109.4	43	9887	8333	10621	8865	11841	10039	13427	8885
118.4	48	9514	8019	10221	8531	11394	9661	12921	8550
131	55	4526	3814	4862	4058	5420	4596	6146	4067

*Total Capacity (BtuH) **Sensible Heat Capacity (BtuH)

CC32 SERIES

PERFORMANCE DATA

18K and 24K cooling capacity

18K 230V										COOLING DATA
18K 230V										
Outdoor		70F DB (21C)		75F DB (24C)		80F DB (27C)		90F DB (32C)		
Coil air		59F WB (15C)		63F WB (17C)		67F WB (19C)		73F WB (23C)		
DB F	DB C	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC	
5	-15	11759	9290	12638	9888	14184	11274	16000	9910	
14	-10	12044	9516	12945	10128	14529	11549	16389	10151	
23	-5	12190	9631	13102	10251	14705	11688	16587	10274	
33.8	1	13706	10829	14731	11525	16533	13142	18650	11552	
53.6	12	12297	9715	13216	10340	14833	11790	16732	10364	
68	20	12769	10089	13724	10738	15403	12244	17375	10762	
77	25	13254	10471	14245	11145	15988	12708	18034	11170	
86	30	13963	11031	15007	11741	16843	13388	18998	11768	
95	35	14321	11315	15392	12042	17275	13731	19486	12070	
109.4	43	14780	11677	15885	12428	17828	14171	20110	12456	
118.4	48	14222	11236	15285	11959	17155	13636	19351	11986	
131	55	5790	4574	6223	4868	6984	5551	7878	4880	
*Total Capacity (BtuH) **Sensible Heat Capacity (BtuH)										

24K 230V										COOLING DATA
24K 230V										
Outdoor		70F DB (21C)		75F DB (24C)		80F DB (27C)		90F DB (32C)		
Coil air		59F WB (15C)		63F WB (17C)		67F WB (19C)		73F WB (23C)		
DB F	DB C	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC	
5	-15	13158	9307	14144	9907	15910	11322	17915	9929	
14	-10	15820	11190	17006	11911	19130	13613	21540	11938	
23	-5	18295	12940	19667	13775	22122	15742	24910	13806	
33.8	1	19185	13570	20623	14445	23198	16508	26121	14478	
53.6	12	15968	11294	17165	12022	19308	13740	21741	12050	
68	20	16763	11857	18020	12621	20270	14424	22824	12650	
77	25	17495	12374	18806	13172	21154	15054	23820	13202	
86	30	18577	13140	19970	13987	22464	15985	25294	14019	
95	35	19162	13554	20599	14428	23171	16489	26090	14461	
109.4	43	19958	14116	21454	15026	24133	17173	27173	15061	
118.4	48	19255	13619	20699	14498	23283	16569	26217	14531	
131	55	10166	7191	10928	7654	12293	8748	13842	7672	
*Total Capacity (BtuH) **Sensible Heat Capacity (BtuH)										

READING THE TABLES

DB = dry-bulb temperature | WB = wet-bulb temperature

TC = total capacity (Btu/h) | SHC = sensible heat capacity (Btu/h)

Values and test conditions are reproduced from the supplied CC32 performance sheet.