

Packaged Condensing Units



Acpac
APB Series



Medium/Low Temperature Applications – R404A/R448A/R134a/R513A

Product Code	Model Number	Ambient Temp. °C	Capacity Watts							
			Evaporating Temperature °C							
			R404A							
			-30	-25	-20	-15	-10	-5	0	5
2709801	APB4.9	30	1847	2366	2965	3651	4429	5304	6279	7358
		32	1775	2279	2860	3524	4278	5127	6073	7122
		38	1567	2025	2551	3152	3835	4604	5466	6423
		43	1400	1820	2301	2850	3473	4178	4968	5849
2709802	APB6.0	30	2247	2881	3609	4436	5367	6405	7551	8807
		32	2157	2772	3476	4275	5175	6178	7288	8504
		38	1897	2452	3085	3802	4609	5510	6509	7609
		43	1687	2194	2768	3418	4148	4965	5872	6874
2709803	APB8.5	30	3375	4302	5358	6553	7893	9381	11019	12809
		32	3257	4156	5180	6338	7634	9075	10663	12398
		38	2893	3710	4635	5678	6846	8144	9578	11150
		43	2582	3328	4169	5114	6173	7352	8658	10093
2709804	APB11.5	30	4654	5893	7337	8996	10879	12991	15335	17909
		32	4513	5714	7109	8712	10530	12570	14834	17325
		38	4077	5160	6410	7840	9462	11284	13313	15552
		43	3697	4680	5807	7092	8549	10190	12021	14051
2709805	APB15.8	30	6661	8380	10349	12577	15069	17827	20847	24124
		32	6446	8113	10018	12173	14584	17253	20179	23357
		38	5795	7301	9014	10949	13115	15518	18159	21040
		43	5244	6612	8163	9913	11873	14052	16457	19090
2709806	APB20.8	30	8458	10723	13345	16351	19763	23597	27867	32582
		32	8172	10372	12916	15834	19147	22873	27026	31616
		38	7319	9319	11629	14278	17292	20690	24490	28706
		43	6612	8442	10552	12974	15735	18857	22362	26266
2709807	APB25.8	30	10209	13024	16270	19968	24133	28771	33884	39468
		32	9836	12565	15709	19291	23328	27826	32790	38218
		38	8733	11201	14038	17271	20919	24997	29513	34470
		43	7825	10074	12652	15591	18915	22641	26782	31347
2709808	APB29.6	30	11155	14342	18003	22154	26804	31954	37595	43719
		32	10709	13797	17341	21360	25865	30858	36334	42284
		38	9393	12180	15373	18995	23062	27583	32560	37990
		43	8319	10853	13749	17037	20738	24864	29423	34421
2709809	APB36.7	30	14033	17900	22370	27478	33248	39695	46824	54636
		32	13526	17275	21605	26553	32147	38401	45324	52918
		38	12027	15417	19325	23792	28851	34525	40828	47770
		43	10795	13882	17434	21497	26107	31295	37080	43478

Capacities based on EN13215 Midpoint ratings: Return Vapour 20°C, Subcooling 3K.

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Product Code	Model Number	Ambient Temp. °C	Capacity Watts							
			Evaporating Temperature °C							
			R448A							
			-30	-25	-20	-15	-10	-5	0	5
2709801	APB4.9	30	1604	2138	2767	3502	4353	5331	6440	7689
		32	1542	2061	2671	3385	4212	5161	6240	7455
		38	1347	1823	2380	3030	3783	4649	5636	6752
		43	1179	1620	2133	2730	3423	4221	5133	6167
2709802	APB6.0	30	2013	2671	3442	4339	5371	6547	7874	9356
		32	1935	2575	3324	4193	5195	6337	7626	9068
		38	1691	2278	2960	3752	4663	5704	6883	8206
		43	1480	2024	2652	3380	4217	5176	6264	7488
2709803	APB8.5	30	3005	3919	4987	6229	7660	9293	11140	13208
		32	2894	3784	4825	6034	7429	9023	10827	12850
		38	2565	3384	4341	5454	6742	8218	9895	11782
		43	2294	3054	3941	4974	6173	7552	9123	10899
2709804	APB11.5	30	4245	5511	6996	8725	10722	13008	15599	18508
		32	4092	5325	6769	8453	10400	12631	15162	18009
		38	3641	4771	6097	7645	9441	11506	13861	16519
		43	3274	4319	5545	6979	8650	10579	12786	15288
2709805	APB15.8	30	5859	7593	9607	11930	14586	17594	20965	24706
		32	5641	7328	9287	11548	14136	17070	20362	24020
		38	5000	6545	8339	10414	12797	15509	18565	21976
		43	4480	5906	7563	9484	11697	14225	17085	
2709806	APB20.8	30	7782	10057	12721	15822	19402	23495	28130	33329
		32	7513	9727	12320	15340	18829	22822	27350	32434
		38	6717	8748	11127	13903	17120	20816	25023	29767
		43	6071	7949	10149	12722	15713	19162	23103	27564
2709807	APB25.8	30	9333	12153	15449	19275	23672	28672	34297	40558
		32	8984	11727	14932	18652	22931	27802	33288	39405
		38	7952	10467	13398	16803	20730	25216	30291	35974
		43	7106	9433	12139	15284	18921	23090	27824	33149
2709808	APB29.6	30	10121	13315	17038	21343	26272	31851	38097	45016
		32	9700	12804	16421	20605	25400	30834	36927	43685
		38	8458	11295	14596	18420	22815	27817	33450	39729
		43	7447	10065	13105	16631	20696	25340	30593	
2709809	APB36.7	30	12843	16711	21245	26521	32600	39533	47354	56085
		32	12371	16133	20540	25670	31587	38342	45972	54501
		38	10975	14422	18451	23147	28578	34802	41862	49791
		43	9832	13021	16739	21076	26106	31891	38480	45911

Capacities based on EN13215 Midpoint ratings: Return Vapour 20°C, Subcooling 3K.

■ Additional Cooling Required

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Medium/Low Temperature Applications – R404A/R448A/R134a/R513A

Product Code	Model Number	Ambient Temp. °C	Capacity Watts							
			Evaporating Temperature °C							
			R134a							
			-15	-10	-5	0	5	10	15	20
2709801	APB4.9	30	2051	2602	3244	3983	4826	5780	6849	8039
		32	1997	2538	3167	3892	4719	5654	6704	7872
		38	1839	2348	2940	3621	4399	5280	6270	7374
		43	1709	2192	2752	3397	4134	4970	5910	6961
2709802	APB6.0	30	2578	3266	4065	4980	6018	7183	8480	9910
		32	2498	3171	3950	4844	5858	6998	8267	9667
		38	2268	2893	3616	4447	5390	6453	7638	8950
		43	2086	2672	3350	4128	5013	6011	7128	8366
2709803	APB8.5	30	3732	4753	5941	7305	8852	10588	12517	14640
		32	3629	4627	5788	7120	8632	10330	12217	14296
		38	3327	4256	5334	6573	7980	9562	11324	13270
		43	3080	3952	4962	6123	7442	8929	10587	12422
2709804	APB11.5	30	4811	6162	7756	9609	11732	14132	16814	19782
		32	4673	5992	7548	9357	11429	13774	16396	19300
		38	4259	5483	6925	8600	10523	12703	15146	17858
		43	3912	5058	6405	7971	9770	11814	14109	16663
2709805	APB15.8	30	7198	9126	11376	13960	16881	20141	23733	27649
		32	7004	8886	11081	13601	16453	19635	23145	26974
		38	6418	8163	10195	12528	15170	18124	21388	24959
		43	5928	7561	9458	11636	14104	16869	19932	23289
2709806	APB20.8	30	9120	11563	14440	17776	21591	25898	30705	36015
		32	8890	11276	14084	17340	21065	25272	29972	35167
		38	8196	10412	13015	16033	19489	23401	27779	32630
		43	7613	9689	12123	14945	18180	21846	25958	30524
2709807	APB25.8	30	11244	14316	17882	21970	26602	31792	37550	43882
		32	10927	13926	17409	21402	25928	31003	36638	42840
		38	9991	12772	16001	19707	23917	28647	33912	39720
		43	9224	11822	14838	18305	22249	26692	31647	37128
2709808	APB29.6	30	12584	16093	20152	24785	30008	35830	42250	49265
		32	12199	15624	19587	24111	29214	34906	41188	48057
		38	11061	14233	17904	22102	26845	32148	38015	44447
		43	10128	13089	16516	20440	24884	29862	35383	41452
2709809	APB36.7	30	15403	19616	24516	30142	36526	43690	51650	60413
		32	14972	19086	23871	29366	35606	42613	50404	58987
		38	13699	17514	21952	27056	32862	39396	46678	54722
		43	12656	16222	20369	25146	30588	36728	43587	51182

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Product Code	Model Number	Ambient Temp. °C	Capacity Watts							
			Evaporating Temperature °C							
			R513A							
			-15	-10	-5	0	5	10	15	20
2709801	APB4.9	30	2207	2771	3421	4164	5006	5952	7006	8171
		32	2148	2699	3336	4063	4886	5812	6844	7985
		38	1971	2487	3081	3759	4527	5392	6357	7426
		43	1826	2311	2869	3506	4228	5041	5950	6959
2709802	APB6.0	30	2772	3474	4279	5196	6227	7378	8649	10042
		32	2684	3368	4153	5046	6052	7174	8415	9776
		38	2429	3060	3783	4607	5535	6572	7722	8986
		43	2226	2813	3486	4251	5114	6081	7154	8338
2709803	APB8.5	30	4019	5059	6258	7621	9154	10862	12745	14804
		32	3904	4918	6087	7415	8911	10576	12413	14424
		38	3564	4501	5579	6804	8184	9723	11424	13288
		43	3285	4158	5160	6299	7582	9015	10602	12346
2709804	APB11.5	30	5191	6573	8188	10046	12157	14524	17151	20037
		32	5037	6384	7956	9767	11823	14130	16692	19508
		38	4573	5814	7261	8926	10819	12947	15315	17925
		43	4184	5338	6681	8225	9982	11961	14168	16606
2709805	APB15.8	30	7731	9690	11951	14518	17393	20570	24041	27795
		32	7512	9420	11621	14120	16918	20012	23395	27055
		38	6852	8609	10630	12923	15493	18338	21455	24837
		43	6299	7931	9802	11925	14304	16943	19840	22991
2709806	APB20.8	30	9808	12304	15214	18556	22345	26588	31288	36445
		32	9547	11980	14815	18070	21760	25895	30479	35510
		38	8758	11003	13611	16606	20002	23814	28047	32706
		43	8095	10183	12603	15380	18533	22075	26018	30367
2709807	APB25.8	30	12101	15223	18811	22883	27454	32532	38119	44217
		32	11746	14789	18284	22253	26709	31661	37115	43072
		38	10691	13494	16712	20367	24477	29053	34103	39634
		43	9823	12424	15408	18799	22618	26878	31592	36767
2709808	APB29.6	30	13556	17114	21185	25785	30919	36587	42784	49498
		32	13128	16594	20561	25042	30045	35573	41620	48177
		38	11857	15048	18696	22821	27433	32537	38134	44219
		43	10813	13771	17153	20978	25262	30013	35235	40928
2709809	APB36.7	30	16583	20869	25804	31416	37726	44746	52484	60939
		32	16099	20277	25086	30556	36708	43557	51111	59371
		38	14662	18513	22942	27983	33661	39994	46994	54667
		43	13480	17055	21165	25845	31125	37026	43563	50748

Capacities based on EN13215 Midpoint ratings: Return Vapour 20°C, Subcooling 3K.