

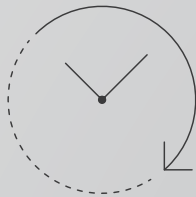
# DC-3

SMART REFRIGERATION

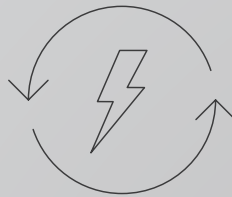
# The DC-3 is a revolutionary system redefining our industry with a plug and play solution for walk in/reach in cool rooms.

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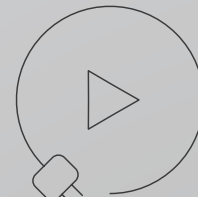
Its birth began with Actrol drawing on the expertise of four world renowned organisations to work together to produce what we now know as the DC-3 Smart Refrigeration System. Siam Compressor Industries supply the brushless DC scroll compressor, Carel provide the electronic controls, Tecumseh manufacture the condensing unit, and Cabero supply the uniquely specified evaporator fitted with EVD ice.



**FULLY  
PROGRAMMED**



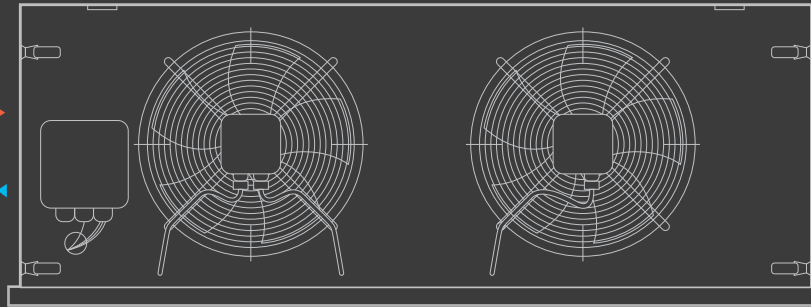
**HIGHLY  
ENERGY EFFICIENT**



**PLUG AND PLAY  
TECHNOLOGY**

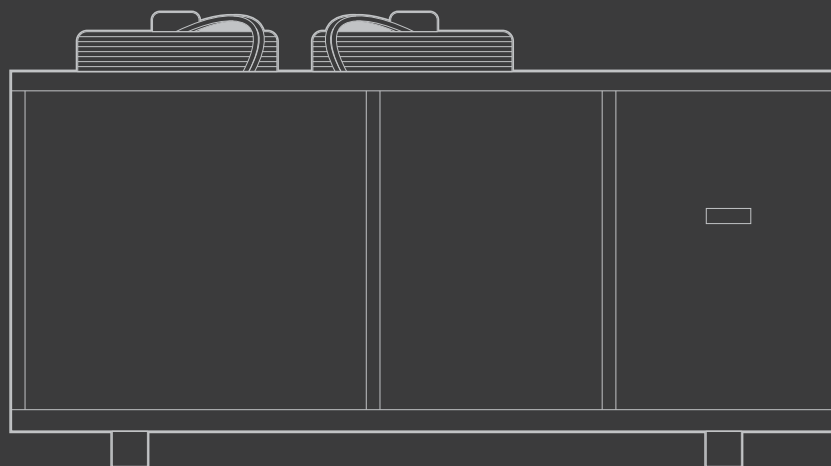
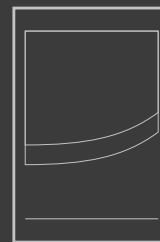
**EVAPORATOR/S**  
INDOOR

Factory fitted with EVD-Ice enables more accurate superheat control, defrost on demand and optimised defrost termination. Fast clips make end panel access easy with no screws to drop.



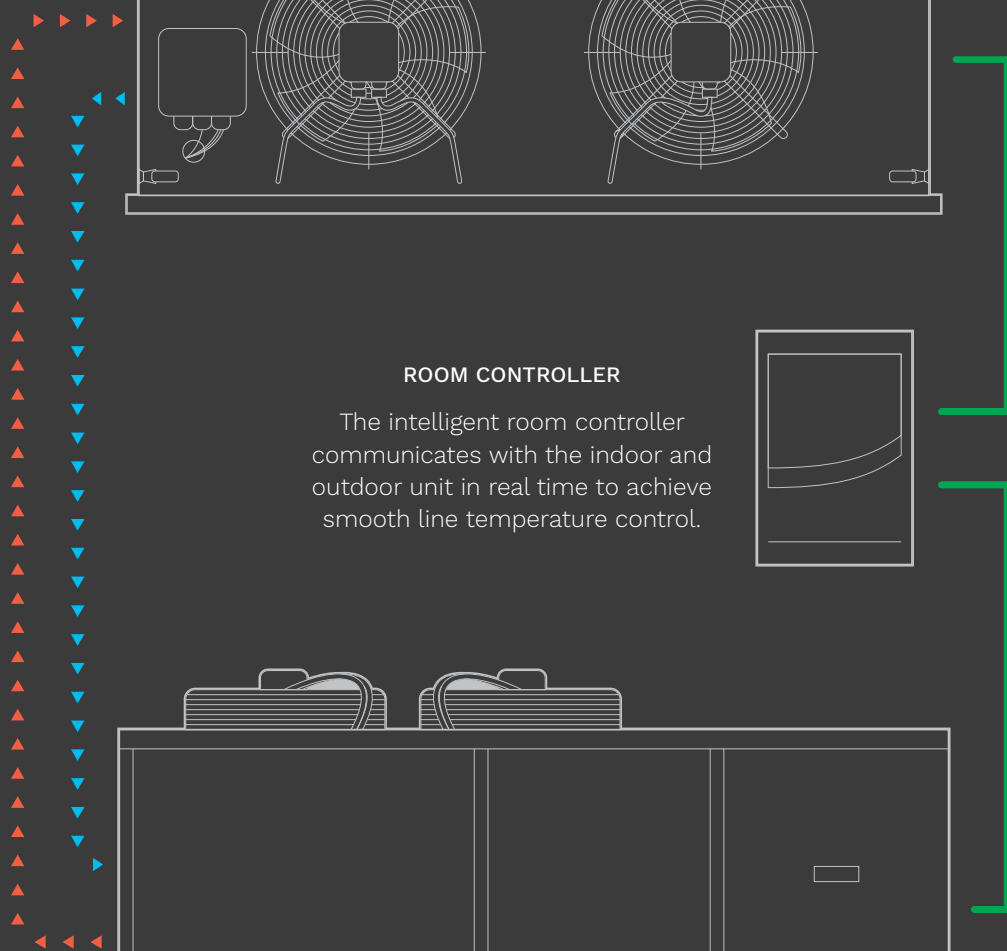
**ROOM CONTROLLER**

The intelligent room controller communicates with the indoor and outdoor unit in real time to achieve smooth line temperature control.



**PACKAGED UNIT**  
OUTDOOR

DC compressor technology greatly reduces energy use and outdoor noise.



# Features and Benefits

## DC-3 SMART REFRIGERATION IS A GREAT CHOICE FOR CONTRACTORS

## DC-3 SMART REFRIGERATION PROVIDES MANY BENEFITS FOR THE COLD ROOM USER

Easy to select, install and commission saving you time to spend on your next job.

1

Approximately 30% less energy consumption for quicker return on investment.

System arrives as a kit ensuring you won't need a return trip to the wholesaler.

2

Smooth line temperature control resulting in extended shelf life of perishable foods.

Condensing unit display shows real time system information, so you know exactly what is happening as it's happening.

3

Quieter system with low noise outside thanks to the modulating fans and compressor.

Smart Refrigeration Technology ensures higher heat exchange efficiency, adequate oil return, and safety controls to ensure the compressor operates within its design envelope.

4

Flexible capacity range means you have room to move with your cool room layout in future.

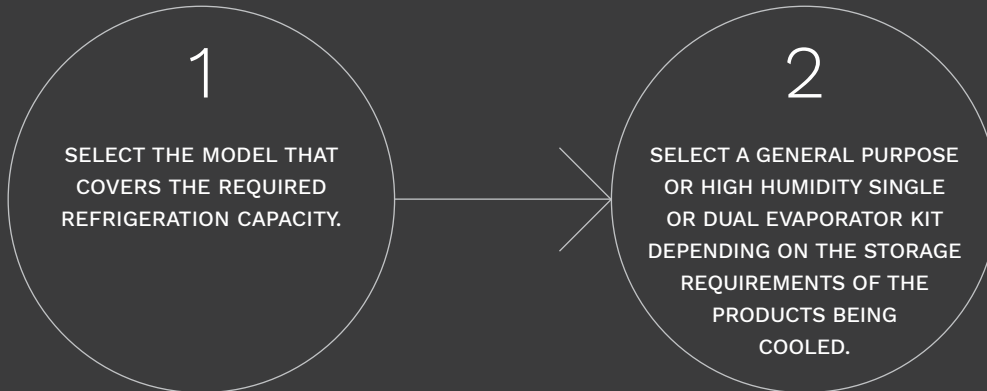
Easy maintenance with vital signs shown in plain English on condensing unit display.

5

Safety mode ensures continuous cooling if communication between components is lost.

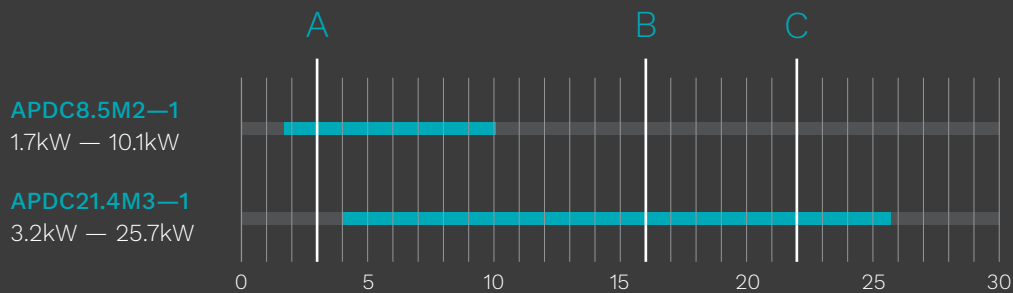
# Easy to Select

Model selection is easy as there are only two steps.



The 'General Purpose' kits are designed for packaged products that are vapour sealed such as bottled beverages and plastic wrapped foods. The 'High Humidity' kits are designed for fruit and vegetables, meat, fish and food processing where products have a high moisture content. These kits include a larger evaporator or dual evaporators.

## DC-3 Refrigeration Capacity Range



### Example A

A cool room has a requirement for 4 kW of refrigeration

- DC-3 model APDC8.5M2-1 will satisfy this requirement.
- Select either the 'General Purpose' or 'High Humidity' kit to suit the products being stored.

### Example B

A cool room has a requirement for 16 kW of refrigeration

- The DC-3 model APDC21.4M3-1 will satisfy this requirement.
- Select either the 'General Purpose' or 'High Humidity' kit to suit the products being stored.

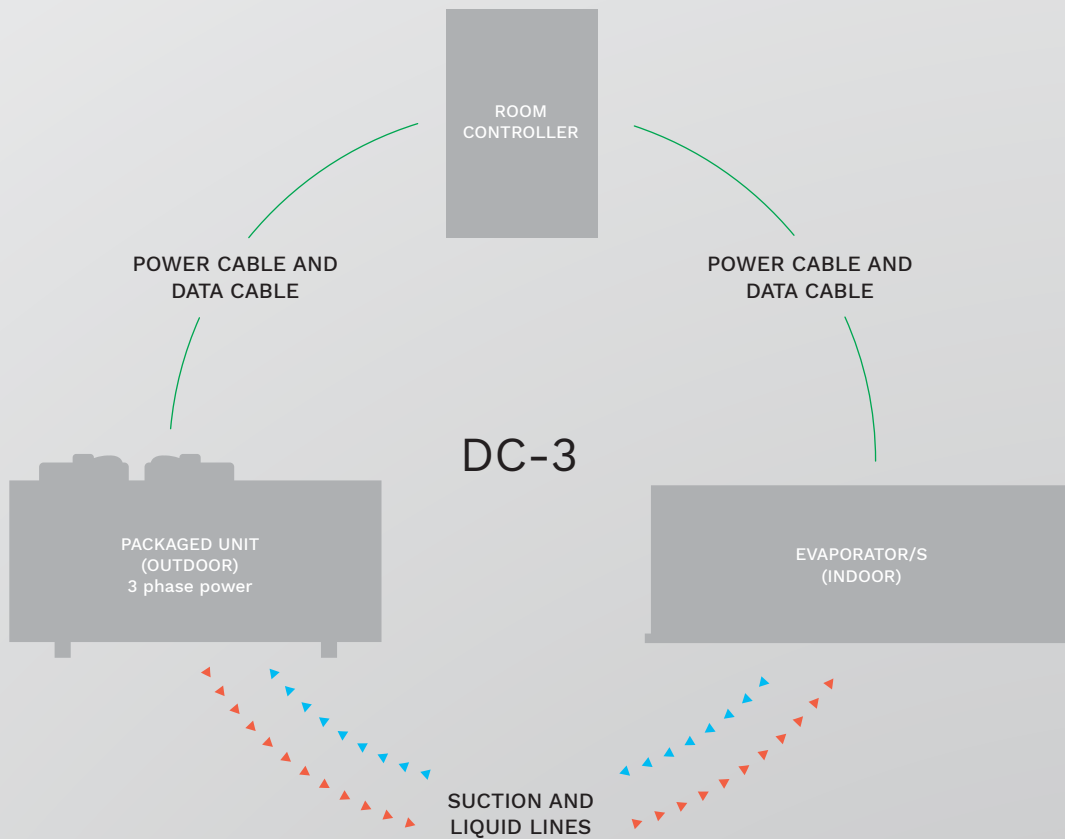
### Example C

A cool room has a requirement for 22 kW of refrigeration

- The DC-3 model APDC21.4M3-1 will satisfy this requirement.
- Select either the 'General Purpose' or 'High Humidity' kit to suit the products being stored.

# Easy to Install

With this revolutionary plug and play technology, installation is incredibly simple.



# Easy to Commission

A start up wizard is used to enter the site-specific parameters so the system will operate correctly.

The start up wizard is accessed from the DC-3 room control.

# Start Up Wizard Process



## Electricity And Peak Demand Charges

Commercial customers usually have two types of charges on their electricity account.

The first of these is the energy charge which is calculated by multiplying the total energy use (kWh) by the energy rate per kWh.

The second is a demand charge which is calculated by using the largest kW consumption of any 15-minute period of the billing cycle. This peak kW level is multiplied by a specific rate set by the utility company. Peak demand often makes up a significant portion of a commercial electricity bill.

DC-3 Smart Refrigeration uses sophisticated algorithms to smooth line the room temperature and the energy consumption.

Traditional on/off refrigeration systems allow the room temperature to rise above the set point and then work at 100% to bring the temperature down, causing spikes of energy use. These spikes often result in higher demand charges.

# Technical Data

## DC-3 Kit Combinations

Kit Product Code	Description	Product Codes included in the kit	Quantity	Model	Total system MOC Amps
3508062	DC3 Cold Room Kit 8.5kw	3508013	1	APDC8.5M2-1	12.76
		3511040	1	CH4C2/35DC3-1	
3508063	DC3 Cold Room Kit 21.4kw	3508015	1	APDC21.4M3-1	23.99
		3511041	1	CH4E3/35DC3-1	
3511060	DC3 Cold Room Kit 8.5kw High Humidity	3508013	1	APDC8.5M2-1	13.34
		3511042	1	CH4D3/35DC3-1	
3511061	DC3 Cold Room Kit 21.4kw High Humidity	3508015	1	APDC21.4M3-1	24.57
		3511043	1	CH4E4/35DC3-1	
3413052	DC3 8.5 High Humidity High Air Volume	3508013	1	APDC8.5M2-1	12.95
		3511017	1	CH4D1/50-1EVD	
3413054	DC3 21.4 High Humidity High Air Volume	3508015	1	APDC21.4M3-1	24.94
		3511020	1	CH4E2/50-1EVD	
3516006	DC3 Cold Room Kit 8.5kW Dual Evap	3508013	1	APDC8.5M2-1	12.76
		3511005	2	CH4D1/35DC3-1	
3516005	DC3 Cold Room Kit 21.4kW Dual Evap	3508015	1	APDC21.4M3-1	24.57
		3511007	2	CH4B2/35DC3-1	
3516007	DC3 Cold Room Kit 8.5kw High Hum Dual	3508013	1	APDC8.5M2-1	13.92
		3511007	2	CH4B2/35DC3-1	
3516008	DC3 Cold Room Kit 21.4kW High Hum Dual	3508015	1	APDC21.4M3-1	24.57
		3511010	2	CH4E2/35.1EVD	

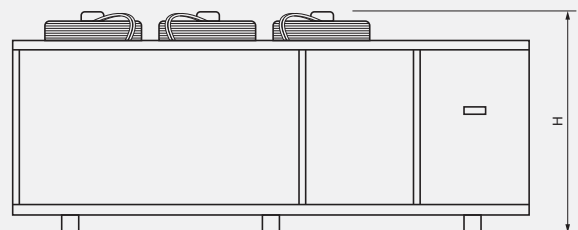
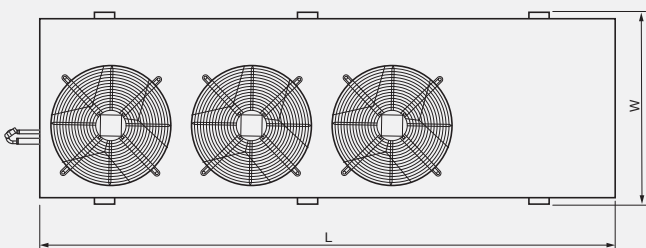
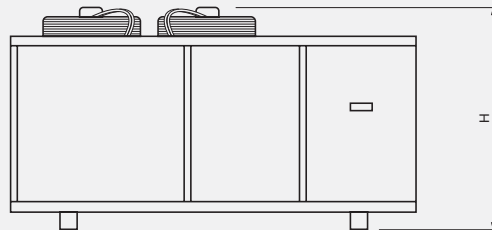
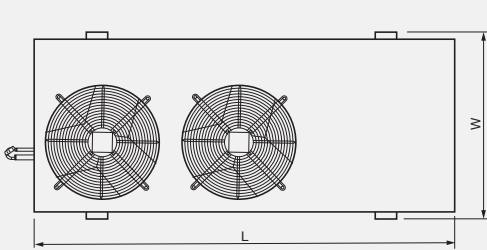


# Technical Data

## DC-3 Condensing Unit

Product Code	Model	BLDC Compressor					EC Condenser Fans			
		SCI Model	Displacement m <sup>3</sup> /hr	Oil Charge ml	MOC Amps AC to Inverter	Voltage/Phase DC from Inverter	No. Diam. mm	MOC Amps	Air Flow m <sup>3</sup> /hr	Volts/Phase
3508013	APDC8.5M2-1	ADB33FS1M5TS	33.2	1900	8.9	78-400 / 3	2 x 350	2.70	6800	240/1
3508015	APDC21.4M3-1	ADB78FAAMTS	78.1	1900	18.2	78-400 / 3	3 x 350	4.05	10200	240/1

Product Code	Model	Liquid Receiver Capacity kg @ 80%	Line Size inches		Nett Weight kg	Sound Power Level dBA	Dimensions			Shipping Overall Dimensions			Shipping Weight kg
			Suction	Liquid			L mm	W mm	H mm	L mm	W mm	H mm	
3508013	APDC8.5M2-1	9.5	7/8"	1/2"	150	70.4	1420	630	820	1680	740	950	170
3508015	APDC21.4M3-1	9.5	1 1/8"	5/8"	220	71.4	1880	630	880	2200	725	1050	260

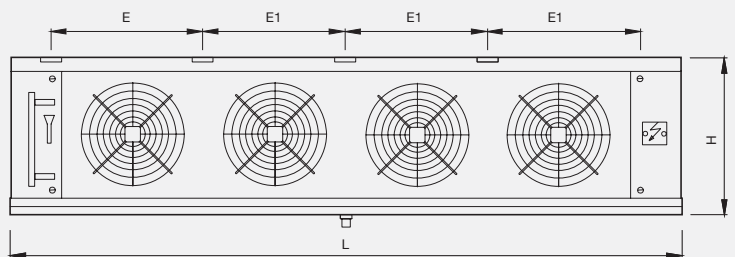
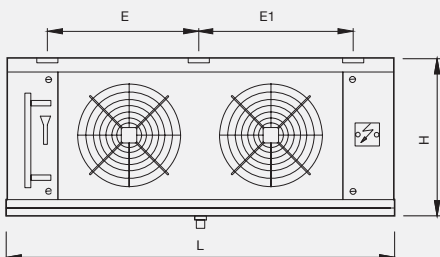
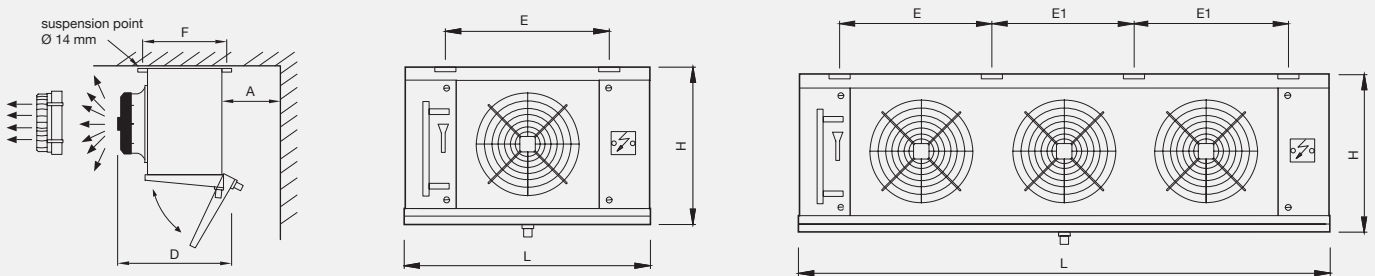


# Technical Data

## DC-3 Evaporator Unit

Product Code	Model	Air Flow l/s	Air Throw m	No. & Dia. of Fans	Fan Motors				Line Size inches		Nett Weight kg	Sound Power Level dBA
					Total Watts	Volts/Phase	Total Amps	Heat/24 Hrs Total Watts	Suction	Liquid		
3511005	CH4D1/35DC3-1	683	6	1 x 350	130	230/1	0.58	3120	¾"	½"	30	62
3511007	CH4B2/35DC3-1	1497	9	2 x 350	260	230/1	1.16	6240	¾"	½"	43	65
3511040	CH4C2/35DC3-1	1428	9	2 x 350	260	230/1	1.16	6240	¾"	½"	47	65
3511010	CH4E2/35CD3-1	1314	8	2 x 350	260	230/1	1.16	6240	⅝"	1 ⅛"	58	65
3511042	CH4D3/35DC3-1	2053	9	3 x 350	390	230/1	1.74	9360	1 ⅛"	⅝"	75	67
3511041	CH4E3/35DC3-1	1972	9	3 x 350	390	230/1	1.74	9360	1 ⅛"	⅝"	82	67
3511043	CH4E4/35DC3-1	2631	9	4x 350	520	230/1	2.32	12480	1 ⅜"	⅞"	107	68
3511017	CH4D1/50-1EVD	2075	25	1 x 500	730	400/3	1.35	17520	1 ⅛"	⅝"	111	81
3511020	CH4E2/50-1EVD	4050	25	2 x 500	1460	400/3	2.7	35040	1 ⅝"	⅞"	208	84

Product Code	Model	Overall Dimensions							Shipping Overall Dimensions			Shipping Weight kg
		L mm	D mm	H mm	E mm	E1 mm	F mm	A mm	L mm	W mm	H mm	
3511005	CH4D1/35DC3-1	980	530	470	690		415	400	1020	625	530	41
3511007	CH4B2/35DC3-1	1630	530	470	1340		415	400	1680	625	530	56
3511040	CH4C2/35DC3-1	1630	530	470	1340		415	400	1680	625	530	60
3511010	CH4E2/35CD3-1	1630	530	470	1340		415	400	1680	625	530	71
3511042	CH4D3/35DC3-1	2360	530	470	1990		415	400	2390	625	530	95
3511041	CH4E3/35DC3-1	2360	530	470	1990		415	400	2390	625	530	102
3511043	CH4E4/35DC3-1	3010	530	470	1340		415	400	3040	625	530	132
3511017	CH4D1/50-1EVD	1580	720	750	1120		510	550	1700	900	930	154
3511020	CH4E2/50-1EVD	2690	720	750	1120	1080	510	550	2780	900	930	272



# Technical Data

## Condensing Unit Capacity

Product Code	Model (R404A)	Compressor Speed (rps)	Ambient Temp. °C	Saturated Suction Temperature (°C)							
				-20	-15	-10	-5	0	5	10	15
R404A Medium Temperature application											
3508013	APDC8.5M2-1	20	10	1943	2150	2424	2522	2709	2964	3267	3596
			15	1699	1917	2196	2522	2709	2964	3267	3596
			20	1488	1713	1990	2326	2709	2964	3267	3596
			25	1308	1536	1815	2149	2532	2964	3267	3596
			30	1155	1383	1660	1987	2367	2793	3267	3596
			32	1102	1330	1606	1930	2303	2724	3194	3596
			35	1026	1250	1521	1841	2210	2626	3088	3596
			40	916	1133	1395	1703	2059	2459	2905	3395
		43	860	1069	1324	1623	1967	2356	2789	3266	
		40	10	2502	2949	3518	4100	4804	5584	6395	7358
			15	2377	2832	3407	4100	4804	5584	6395	7358
			20	2282	2740	3314	4002	4804	5584	6395	7358
			25	2207	2661	3228	3904	4690	5584	6395	7358
			30	2140	2584	3137	3796	4560	5427	6395	7358
			32	2113	2551	3096	3747	4502	5359	6312	7358
			35	2069	2498	3030	3665	4400	5234	6165	7189
			40	1983	2389	2895	3500	4201	4996	5883	6858
		60	10	3082	3777	4664	5739	6956	8343	9719	11039
			15	3085	3786	4671	5739	6956	8343	9719	11039
			20	3112	3808	4682	5733	6956	8343	9719	11039
			25	3141	3823	4677	5700	6889	8232	9719	11039
			30	3153	3812	4636	5622	6765	8055	9479	11039
			32	3150	3799	4612	5576	6691	7953	9356	10894
			35	3127	3754	4539	5478	6568	7797	9148	10627
			40	3043	3629	4367	5252	6278	7443	8715	10105
		80	10	2967	3523	4226	5069	6049	7157	8389	9769
			15	5415	6332	7486	8898	10170	11580	13552	15074
			20	5081	6011	7170	8567	10170	11580	13552	15074
			25	4796	5725	6874	8246	9815	11580	13552	15074
			30	4544	5458	6584	7917	9440	11145	13022	15074
			32	4308	5195	6283	7566	9027	10659	12451	14415
			35	4213	5085	6153	7409	8845	10469	12216	14102
			40	4071	4916	5953	7174	8560	10107	11802	13674
		100	10	3813	4603	5577	6725	8026	9476	11062	12841
			15	3640	4390	5316	6410	7660	9081	10592	12217
			20	7470	8595	9993	11657	13644	15151	16742	19286
			25	6809	7985	9392	11052	13007	15151	16742	19286
			30	6268	7428	8827	10465	12332	14464	16742	19286
			32	5780	6914	8285	9884	11696	13753	15941	18283
			35	5333	6429	7754	9294	11034	13004	15086	17306
			40	5165	6239	7537	9047	10780	12663	14700	16965
		120	10	4915	5957	7219	8683	10333	12205	14167	16250
			15	4510	5481	6663	8034	9579	11345	13173	15108
			20	4262	5185	6309	7637	9113	10732	12475	14457
			25	9271	10551	12135	14166	16361	18951	20664	22351
			30	8401	9714	11318	13310	15487	17897	20664	22351
			32	7611	8936	10538	12483	14619	16969	19643	22351
			35	6898	8212	9790	11675	13749	16017	18587	21169
40	6255		7536	9066	10827	12865	15031	17487	19927		
120	32	6018	7268	8794	10537	12478	14591	16962	19334		
	35		6895	8354	10030	11957	14001	16175	18618		
	40		6276	7643	9211	11014	12918	14934	17239		
	43		5909	7215	8715	10381	12295	14220	16210		

EN13215 ratings

# Technical Data

## Condensing Unit Capacity

Product Code	Model (R404A)	Compressor Speed (rps)	Ambient Temp. °C	Saturated Suction Temperature (°C)							
				-20	-15	-10	-5	0	5	10	15
R404A Medium Temperature application											
3508015	APDC21.4M3-1	20	10	3268	4082	5050	5940	6866	7796	8697	9902
			15	3131	3920	4857	5940	6866	7796	8697	9902
			20	2978	3742	4646	5689	6866	7796	8697	9902
			25	2817	3550	4417	5417	6544	7796	8697	9902
			30	2646	3344	4170	5123	6199	7392	8697	9902
			32	2574	3255	4064	4997	6051	7219	8498	9902
			35	2463	3123	3906	4810	5830	6962	8200	9540
			40	2270	2888	3625	4476	5439	6506	7675	8940
		40	43	2149	2740	3446	4264	5189	6217	7357	8577
			10	5882	7488	9405	11322	13684	15606	17394	19039
			15	5923	7431	9236	11322	13684	15606	17394	19039
			20	5841	7258	8957	10923	13162	15606	17394	19039
			25	5654	6985	8585	10440	12534	14875	17394	19039
			30	5382	6632	8138	9887	11864	14086	16474	19039
			32	5252	6473	7944	9663	11596	13737	16070	18575
			35	5041	6215	7633	9281	11147	13254	15517	17950
		60	40	4648	5751	7085	8638	10399	12393	14537	16844
			43	4395	5461	6748	8249	9952	11843	13907	16210
			10	8631	11022	13830	17012	19870	23547	26167	28514
			15	8786	10989	13590	16556	19870	23547	26167	28514
			20	8705	10741	13165	15937	19042	22438	26167	28514
			25	8433	10322	12592	15191	18108	21305	24857	28514
			30	8011	9771	11903	14348	17098	20116	23499	26979
			32	7818	9525	11585	13973	16657	19690	22890	26282
		80	35	7477	9122	11131	13438	16037	18896	22115	25435
			40	6864	8410	10305	12488	14952	17667	20726	23899
			43	6478	7971	9781	11886	14320	16971	19840	22890
			10	12313	15185	18568	22440	26648	29809	34566	37451
			15	12061	14733	17895	21547	25516	29809	34566	37451
			20	11654	14142	17101	20481	24296	28360	32904	37451
			25	11114	13433	16204	19381	23001	26852	31188	35528
			30	10463	12626	15223	18211	21645	25296	29187	33573
		100	32	10165	12271	14801	17772	21040	24598	28620	32655
			35	9720	11740	14176	16988	20242	23706	27406	31596
			40	8906	10792	13078	15726	18806	22093	25612	29604
			43	8380	10186	12422	14987	17870	21025	24619	28244
			10	15652	18984	22900	27266	32196	37313	43023	46354
			15	15069	18185	21877	26004	30697	35568	41041	46354
			20	14385	17294	20773	24668	28949	33762	38616	44082
			25	13607	16319	19592	23264	27313	31899	36520	41757
		120	30	12740	15264	18338	21795	25619	29981	34374	39382
			32	12372	14845	17782	21146	25036	29093	33724	38222
			35	11792	14135	16948	20266	23872	28013	32181	36959
			40	10770	12939	15561	18682	22075	25997	29944	34026
			43	10138	12210	14727	17637	21047	24610	28378	32715
			10	18741	22485	26804	31774	37027	42929	48709	55223
			15	17877	21395	25478	30201	35201	40848	46378	52641
			20	16950	20245	24090	28568	33312	38703	43976	49986
			25	15953	19028	22635	26705	31356	36113	41501	47258
			30	14878	17739	21108	24930	29329	33823	38954	43749
			32		17176	20445	24294	28395	33111	37706	43020
			35		16371	19505	23077	27229	31456	36333	40860
			40			17822	21145	25054	29011	33637	37892
			43			16713	20019	23538	27671	31649	32159

EN13215 ratings

# Technical Data

## Condensing Unit Capacity

Product Code	Model (R448A)	Compressor Speed (rps)	Ambient Temp. °C	Saturated Suction Temperature (°C)							
				-20	-15	-10	-5	0	5	10	15
R448A Medium Temperature application											
3508013	APDC8.5M2-1	20	10	983	1234	922	1864	2195	2531	2870	3209
			15	987	1229	1521	1864	2195	2531	2870	3209
			20	974	1206	1487	1817	2195	2531	2870	3209
			25	946	1169	1438	1754	2119	2531	2870	3209
			30	907	1119	1377	1680	2030	2426	2870	3209
			32	888	1096	1349	1647	1990	2380	2816	3209
			35	858	1061	1306	1596	1931	2311	2737	3209
			40	804	996	1229	1505	1826	2189	2596	3049
		40	43	769	954	1181	1449	1759	2112	2508	2949
			10	2275	2740	3320	3861	4461	5104	5769	6612
			15	2178	2628	3190	3861	4461	5104	5769	6612
			20	2088	2521	3064	3713	4461	5104	5769	6612
			25	2001	2417	2940	3565	4288	5104	5769	6612
			30	1915	2314	2816	3417	4113	4898	5769	6612
			32	1881	2272	2765	3356	4041	4818	5675	6612
			35	1829	2208	2689	3265	3933	4688	5524	6438
		60	40	1739	2100	2557	3108	3747	4470	5272	6148
			43	1684	2032	2475	3010	3633	4336	5117	5971
			10	3508	4174	5015	5769	6906	7873	8885	9905
			15	3326	3974	4791	5769	6906	7873	8885	9905
			20	3169	3795	4588	5537	6639	7873	8885	9905
			25	3030	3633	4398	5316	6375	7573	8885	9905
			30	2903	3480	4216	5099	6120	7274	8538	9905
			32	2854	3421	4144	5014	6020	7150	8393	9754
		80	35	2781	3331	4034	4882	5862	6969	8183	9495
			40	2656	3177	3847	4656	5593	6652	7813	9068
			43	2578	3081	3729	4513	5424	6449	7577	8811
			10	4393	5332	6504	7881	9119	10376	12127	13394
			15	4251	5154	6283	7611	9119	10376	12127	13394
			20	4096	4961	6046	7323	8774	10376	12127	13394
			25	3926	4753	5790	7018	8412	9950	11634	13394
			30	3744	4530	5520	6696	8031	9505	11120	12807
		100	32	3667	4436	5407	6559	7870	9332	10896	12551
			35	3549	4293	5236	6357	7632	9041	10560	12199
			40	3342	4043	4936	6001	7216	8559	10007	11571
			43	3211	3886	4748	5779	6964	8268	9674	11161
			10	5305	6513	7994	9724	11672	13283	14797	16988
			15	5186	6334	7750	9403	11271	13283	14797	16988
			20	5014	6105	7455	9034	10823	12749	14797	16988
			25	4799	5833	7119	8626	10318	12178	14135	16236
		120	30	4550	5527	6750	8185	9799	11577	13446	15456
			32	4440	5396	6594	8010	9593	11317	13194	15108
			35	4276	5195	6355	7720	9256	10953	12735	14585
			40	3984	4845	5942	7237	8696	10310	12007	13767
			43	3801	4633	5690	6944	8360	9904	11580	13296
			10	6237	7695	9483	11543	13811	16284	18090	19672
			15	6117	7494	9187	11145	13300	15624	18090	19672
			20	5911	7211	8813	10677	12727	14935	17298	19672
43	25	5636	6863	8380	10152	12104	14204	16465	18728		
	30	5310	6466	7902	9585	11444	13443	15603	17760		
	32	5171	6299	7706	9341	11161	13161	15222	17429		
	35	4950	6037	7394	8989	10759	12662	14719	16776		
	40	4571	5589	6870	8376	10060	11871	13823	15785		
	43	4349	5313	6553	8006	9628	11410	13257	15216		

EN13215 ratings  
Superheat 15K  
Subcooling 0K

# Technical Data

## Condensing Unit Capacity

Product Code	Model (R448A)	Compressor Speed (rps)	Ambient Temp. °C	Saturated Suction Temperature (°C)							
				-20	-15	-10	-5	0	5	10	15
R448A Medium Temperature application											
3508015	APDC21.4M3-1	20	10	2493	3195	4039	4939	5852	6758	7633	8714
			15	2481	3164	3985	4939	5852	6758	7633	8714
			20	2429	3091	3888	4812	5852	6758	7633	8714
			25	2345	2984	3754	4646	5651	6758	7633	8714
			30	2235	2849	3590	4449	5416	6481	7633	8714
			32	2183	2786	3515	4361	5313	6361	7495	8714
			35	2105	2692	3402	4226	5153	6175	7279	8458
			40	1962	2519	3196	3983	4869	5845	6901	8026
		43	1871	2410	3066	3829	4689	5637	6669	7763	
		40	10	5351	6606	8167	9739	11781	13557	15301	16959
			15	5218	6438	7952	9739	11781	13557	15301	16959
			20	5041	6225	7690	9414	11385	13557	15301	16959
			25	4827	5973	7387	9048	10946	13034	15301	16959
			30	4585	5690	7051	8648	10459	12474	14645	16959
			32	4481	5570	6914	8484	10264	12231	14363	16676
			35	4319	5382	6688	8219	9953	11882	13957	16166
			40	4038	5056	6306	7769	9424	11266	13243	15346
		60	10	8129	9916	12147	14784	17209	20439	22995	25401
			15	7870	9605	11766	14312	17209	20439	22995	25401
			20	7563	9245	11334	13788	16573	19682	22995	25401
			25	7216	8843	10860	13221	15895	18880	22052	25401
			30	6837	8407	10349	12617	15180	17995	21071	24267
			32	6681	8226	10131	12361	14903	17671	20642	23868
			35	6434	7945	9809	11983	14433	17120	20057	23100
			40	6014	7463	9247	11325	13662	16219	19013	21903
		80	10	10723	12971	15785	19119	22873	26018	30324	33318
			15	10402	12570	15273	18474	22067	26018	30324	33318
			20	9999	12088	14682	17754	21190	24961	29087	33318
			25	9531	11542	14028	16943	20255	23851	27797	31827
			30	9012	10943	13324	16107	19273	22698	26463	30297
			32	8789	10690	13044	15776	18849	22276	25866	29605
			35	8455	10307	12582	15235	18253	21510	25090	28732
			40	7874	9645	11814	14338	17204	20296	23686	27139
		100	10	13274	15973	19315	23230	27676	32466	37675	43210
			15	12861	15445	18642	22373	26621	31177	36160	41157
			20	12338	14811	17872	21427	25485	29819	34581	39332
			25	11731	14096	17023	20411	24281	28404	32944	37464
			30	11060	13320	16115	19341	22944	26944	31067	35557
			32	10779	13006	15726	18885	22474	26301	30499	34673
			35	10345	12502	15163	18232	21651	25449	29358	33615
			40	9605	11660	14184	17099	20339	23930	27630	31646
		120	10	15797	18873	22690	27146	32083	37487	43271	48919
			15	15260	18196	21821	26065	30742	35898	41421	46783
			20	14592	17399	20843	24888	29323	34238	39211	44601
			25	13826	16509	19784	23634	27843	32521	37238	42376
			30	12989	15551	18665	22323	26318	30756	35233	40110
			32	12644	15145	18231	21759	25656	29972	34575	39045
			35	12108	14548	17508	20972	24763	28955	33203	37807
40	11207		13523	16333	19600	23192	27133	31156	35212		
43	10668	12904	15631	18763	22267	25986	29504	32978			

EN13215 ratings  
Superheat 15K  
Subcooling 0K

# Technical Data

## Evaporator Capacity

Product Code	Model	Capacity @ -8°C SST & 8 KTD : Watts	Capacity @ -4°C SST & 6 KTD : Watts
		R404A (EN 328 SC2)	R404A (EN 328)
3511005	CH4D1/35-1	4524	3512
3511007	Ch4B2/35-1	6475	4769
3511040	CH4C2/35DC3-1	8027	5969
3511010	CH4E2/35-1	10385	7839
3511041	CH4E3/35DC3-1	14031	10537
3511042	CH4D3/35DC3-1	15614	11759
3511043	CH4E4/35DC3-1	20749	15688
3511017	CH4D1/50-1EVD	13674	10160
3511020	CH4E2/50-1EVD	30618	22908

EN328 ratings SC2  
Air inlet temp of 0°C  
Evaporating temperature of -8°C

Product Code	Model	Capacity @ -8°C SST & 8 KTD : Watts	Capacity @ -4°C SST & 6 KTD : Watts
		R448A (EN 328 SC2)	R448A (EN 328)
3511005	CH4D1/35-1	5693	4835
3511007	Ch4B2/35-1	8148	6565
3511040	CH4C2/35DC3-1	10101	8218
3511010	CH4E2/35-1	13068	10792
3511041	CH4E3/35DC3-1	19648	16188
3511042	CH4D3/35DC3-1	17656	14505
3511043	CH4E4/35DC3-1	26110	21596
3511017	CH4D1/50-1EVD	17206	13986
3511020	CH4E2/50-1EVD	38529	31536

EN328 ratings SC2  
Air inlet temp of 0°C  
Evaporating temperature of -8°C

**ACTROL™**

**DC-3**  
SMART REFRIGERATION

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