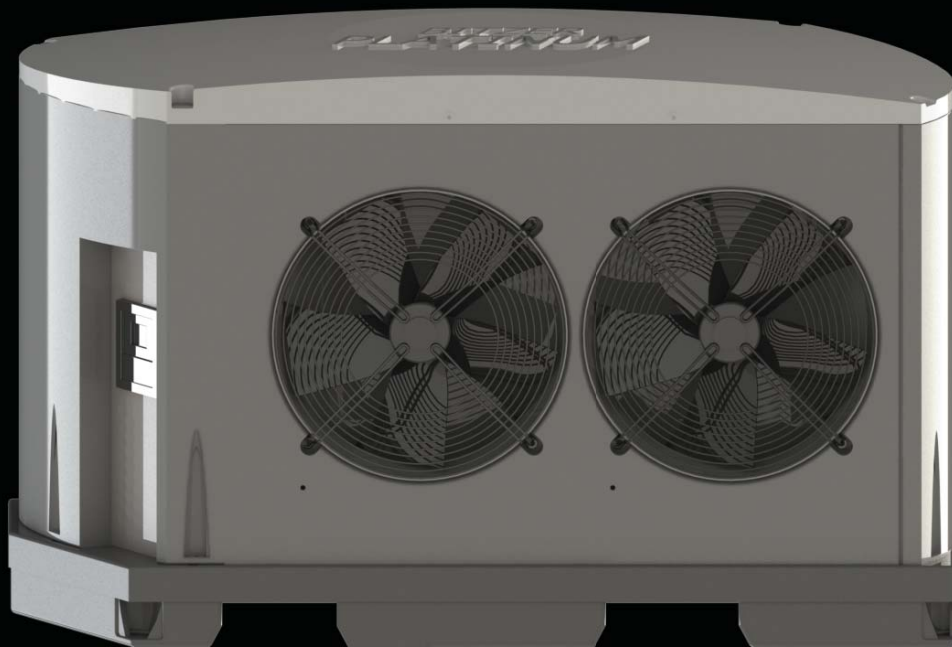


PLATINUM SERIES

AIR COOLED CONDENSING UNIT

OUTDOOR AIR COOLED CONDENSING UNITS

Platinum
Platinum Plus





BITZER Platinum and Platinum Plus

Air Cooled Condensing Units

- Revolutionary in Appearance
- Innovation by Design

To match BITZER International's progressive range of suction gas cooled Inverter Compressors "Octagon VariSpeed Series" a development concept for a Revolutionary Condensing Unit was taken up by our Design Team at BITZER Australia.

The New Platinum Series Outdoor Condensing Units are now available ranging from 2.0HP - 9.0HP, (Nominal motor power) incorporating the latest Octagon Compressors.

Standard power requirement is 415V/3Ph/50Hz.

Standard Inclusions for all Platinum Series Condensing Units

- BITZER Octagon Semi Hermetic Compressor.
- Internal Float Oil Separator fitted
- Micro Channel Condenser "E Coating" protection
- Liquid Receiver, Drier and Sight glass
- Dual Pressure Control, Sump Heater
- Electrical Motor Protection monitoring – SE-B1
- Oil Charge - BSE 32 as standard (B5 Oil on request)
- Weatherproof Panels for exposed locations

Optional Components – Available on Request

- Oil Level Monitoring Device
- Suction Accumulator fitted
- Octagon VariSpeed F1 Series compressors
- Capacity Control Head
 - 4 cylinders compressors only
- Liquid line Solenoid Valve
- MP 15 Phase Failure Control
(Not required for FI compressors)

Electrical Panel includes –

- Three phase Isolator
- Fan Speed Controller
- LODAM LMC Electronic Controller
- High resolution Coloured Display
- Suction & Discharge pressure transducers
- Ambient Temperature Sensor
- Storage Temperature Sensor (optional)

Standard Model Nomenclature

	4 EC - 6.2Y - PT2 - 4P
Number of cylinders	
	4 EC - 6.2Y - PT2 - 4P
Displacement code	
	4EC - 6 .2Y - PT2 - 4P
Nominal horse-power	
	4EC - 6 . 2 Y - PT2 - 4P
Compressor series code	
	4EC - 6.2 Y - PT2 - 4P
Polyol Ester oil charge	
	4EC - 6.2Y - PT2 - 4P
Condenser model	
	4EC - 6.2Y - PT2 - 4P
Fan speed	

Frequency Inverter Model Nomenclature

	4 EC - 6.F1Y - PT2 - 4P
Number of cylinders	
	4 EC - 6.F1Y - PT2 - 4P
Displacement code	
	4EC - 6 .F1Y - PT2 - 4P
Nominal horse-power	
	4EC - 6. F1 Y - PT2 - 4P
Inverter series code	
	4EC - 6.F1 Y - PT2 - 4P
Polyol Ester oil charge	
	4EC - 6.F1Y - PT2 - 4P
Condenser model	
	4EC - 6.F1Y - PT2 - 4P
Fan speed	

Highlights & Technical Features

Convenient Component Layout

All pressure vessels, electrical board and service components are located in the ambient air stream (Air On side of condenser). For many packaged units, the liquid receiver, suction accumulator and electrical components are positioned in the hot condenser chamber (Air Off side of condenser). With these components mounted in the direct ambient air stream (Fresh air stream) additional system benefits and improved reliability can be achieved. Additional natural sub-cooling can be gained by the stored liquid (Improved system efficiency). Reduced suction side super-heating (Improved system efficiency). Cooler air ventilation of electrical components (Improved reliability), and free access for servicing / leak testing



Centrally Mounted Condenser Coil with E coating

Mounting the condenser coil internally within the Unit housing reduces the risk of –

- Direct solar heat loading when exposed to the sun
- Damage by hail and other environmental factors
- Damage through vandalism where access is possible

Fully Enclosed Electrical Panel

All electrical components and electronic modules are fully enclosed within a moulded panel to provide additional protection from the environment – AS 3000 compliant General servicing of the equipment can be achieved without exposure to live electrical equipment.



Revolutionary Base and Cabinet Design

Structurally strong and durable "Luran® S ASA" composite materials are utilised to deliver both an aesthetically pleasing and practical Condensing Unit Cabinet.

Unit Base Assembly

Raised honeycomb / multi layered construction provides a very rigid base platform which substantially reduces noise and vibration transfer into surrounding structures.

Provision for mechanical lifting and mounting locations are designed within the outer base parameters of the unit.



Serviceability

Quick service access is provided through easily removable top, side and rear panels, providing ready access (360° access) to compressor, electrical and all service components.

Note – With access panels removed, the unit can be safely operated (During service and commissioning) as the condenser fans remain enclosed within the condenser chamber.

Moulded Fan Plenum

Condenser air flow has been increased with a reduction in fan noise levels through the optimisation of a formed inner air plenum.

Micro-Channel Condenser

The latest technology in Micro-Channel tube geometry has been utilised in the Platinum Condenser to deliver key benefits –

- Reduction in physical size
- Reduction in unit weight
- Reduced refrigerant charge (Approx 40% reduction in coil operating charge)
- Mono material construction – reducing potential galvanic corrosion
- Increased air flow through a reduction in air side pressure drop
- "E" Coat Condenser Coil protection





Platinum's Revolutionary Cabinet Materials

Structural strength, long term material stability and ease of recycling were key factors in the selection of composite materials used in the construction of our Platinum Series.

"Luran® S" ASA materials have been proven over many years in applications as diverse as, automotive and heavy truck components, hull superstructures in expensive motor yachts and high speed leisure cruisers through to caravans, surf boards and motor bike components.

Compared to cheaper ABS materials, Luran® S ASA material delivers many noted benefits-

- Greater Structure Strength and rigidity without becoming brittle
- Higher Thermal Stability to withstand surface temperatures in excess of 100°C
- Its Stable Molecular Structure provides excellent resistance to weathering, aging, yellowing and fatigue under continuous UV exposure.
- Easy recycling and re-manufacturing process.

Smart structural design of our experienced Australian manufacturer has enhanced the benefits of this material to produce such high quality base and housing components.

Step Up to the flexibility of 'Platinum Plus Technology'

Our 'Platinum Plus' Unit includes a fully integrated suction gas cooled Inverter Compressor 'Octagon VariSpeed Series' managed by an intelligent micro-processor control module (Lodam LMC by BITZER).

As an extension of the very popular BITZER Octagon Series, the VariSpeed F1 Frequency Inverter Compressors offer stable, direct load matching to system requirements through suction housing mounted inverter control from 25 Hz through to 87 Hz.

Compared to a standard 50 Hz compressor, an infinite flexibility in capacity control can be offered in a range from 50% to approx 150% of system requirements, delivering perfect load matching and stable storage conditions for a vast range of applications.

The full advantage of this flexibility is realised through the inclusion of BITZER's Micro-processor management system.

The Lodam LMC Module is much more than a compressor control!

(Refer BITZER Lodam Controller section)

Lodam Electronics – Part of the BITZER Family

With more than forty years experience in the development, production and implementation of customised electronic technologies for climate control and refrigeration, Lodam has become part of the BITZER Group of Companies.

The Lodam LMC Platinum Controller has been tailor made for BITZER Australia to meet the advanced requirements of our local commercial customers.

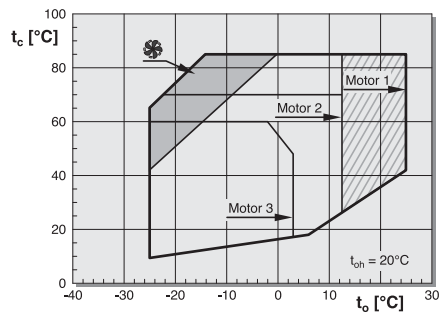
Key Benefits for the Contractor and System Owner –

- All control components factory installed with master programming embedded and ready to operate.
- Simple, step by step program refinements to customise set point parameters to your individual system requirements.
- Energy saving through intelligent capacity control via
 - BITZER Octagon VariSpeed Inverter Control (Platinum Plus Models)
 - Efficient cylinder unloading (Platinum 4 cyl models)
- Power saving (Floating Head) and / or low noise condenser fan modes.
- Night setback low noise mode with real time set points
- Stable product storage conditions through accurate temperature control
- Reduced power requirements due to Soft Start function (Platinum Plus)
- Proactive correction in the event of a system malfunction
- Weekly cycle programming possible with real time function
- Full graphical colour display – LUP 200 Panel Display (Fitted as Standard)
- Up to 1 YEAR data logging – HACCAP compatible
- Remote system monitoring via Lodam Ethernet Web interface (Optional)

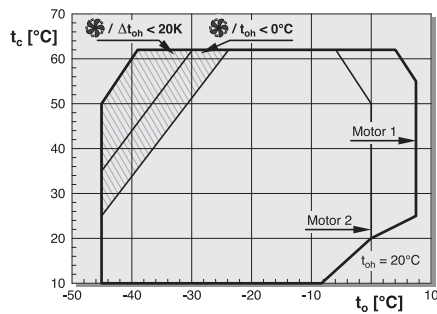
Application limits - Platinum Series

Relating to 20°C suction gas temperature

R134a ① 2KES-05Y .. 6FE-50Y



R404A ■ R507A 2KES-05Y .. 6FE-50Y

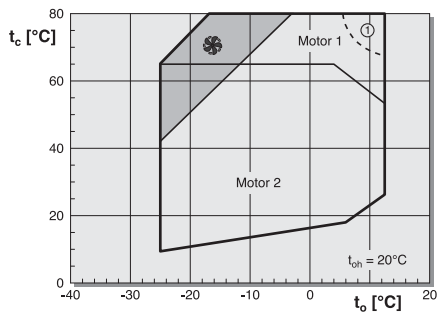


- Additional cooling or limitation see diagram
- Additional cooling
- Additional cooling + limitation see diagram
- Limitation see diagram
- Suction gas superheat >10 K
- Additional fan +

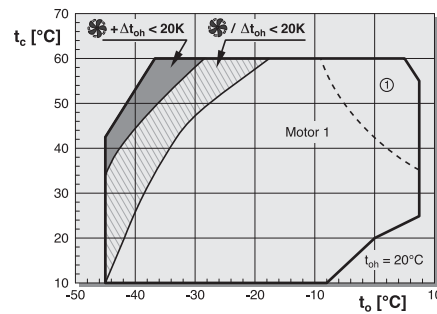
Application limits - Platinum "Plus" Series

Relating to 20°C suction gas temperature

R134a ② ③



R404A ■ R507A 2DES-3.F1Y .. 4NES-20.F4Y



- ① Effective application limits of the individual compressors are determined by max. power consumption of frequency inverter. see performance data and BITZER Software.

- ② For R134a and $t_c > 70^\circ\text{C}$ oil BSE55 has to be used (instead of BSE32)

t_e Evaporating temperature (°C)

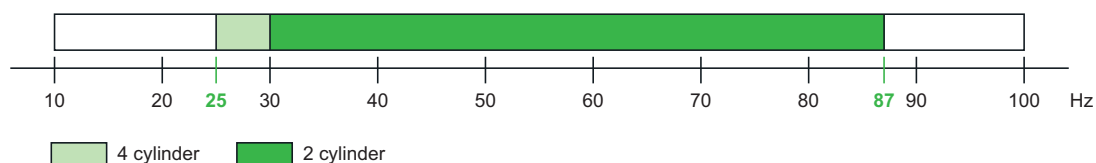
t_{ch} Suction gas temperature (°C)

Δt_{ch} Suction superheat (K)

t_c Condensing temperature (°C)

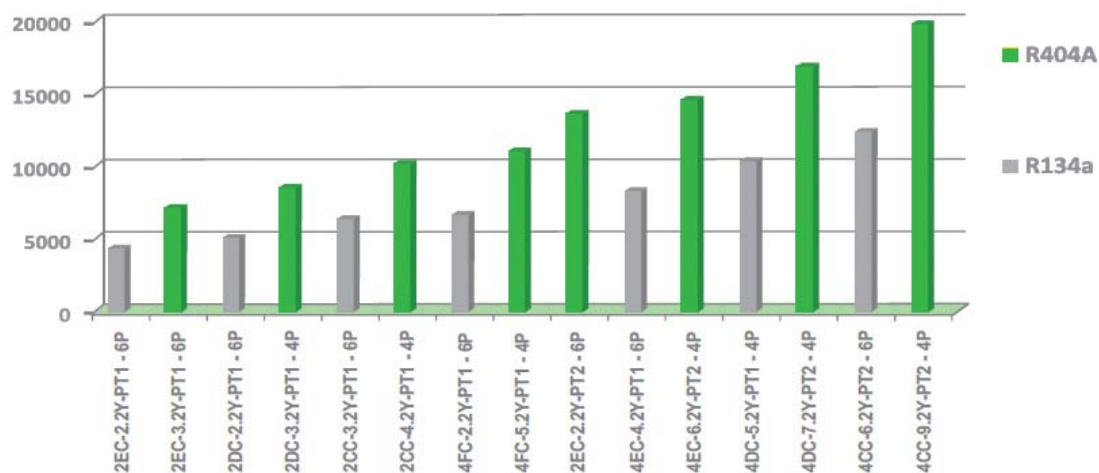
- Additional cooling or max. 0°C suction gas temperature
- Additional cooling
- Suction gas superheat >10 K
- Additional cooling & limited suction gas temperature

Application limits - Premium Unit Frequency range of ECOLINE VARISPEED compressors

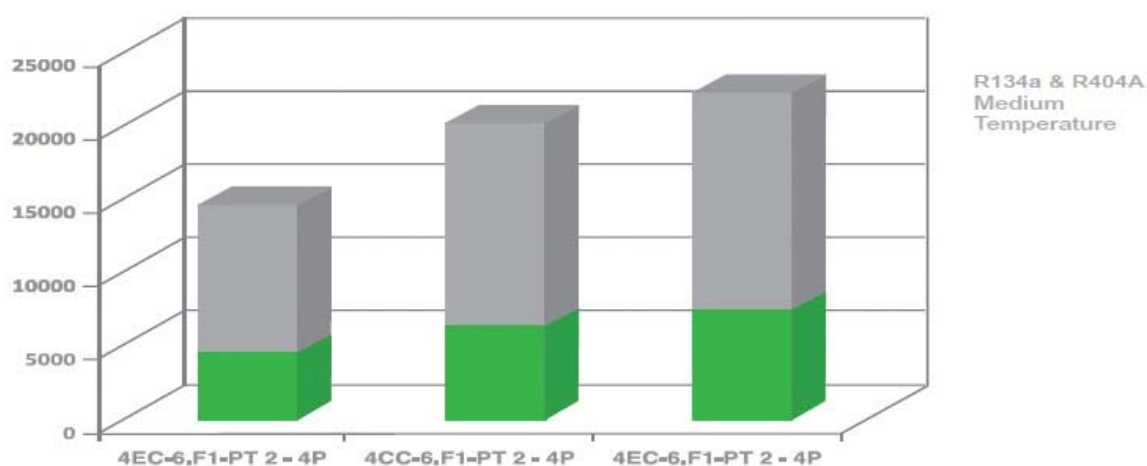


BITZER Platinum Series

Q Capacity in watts @ -5°C SST 35°C Ambient

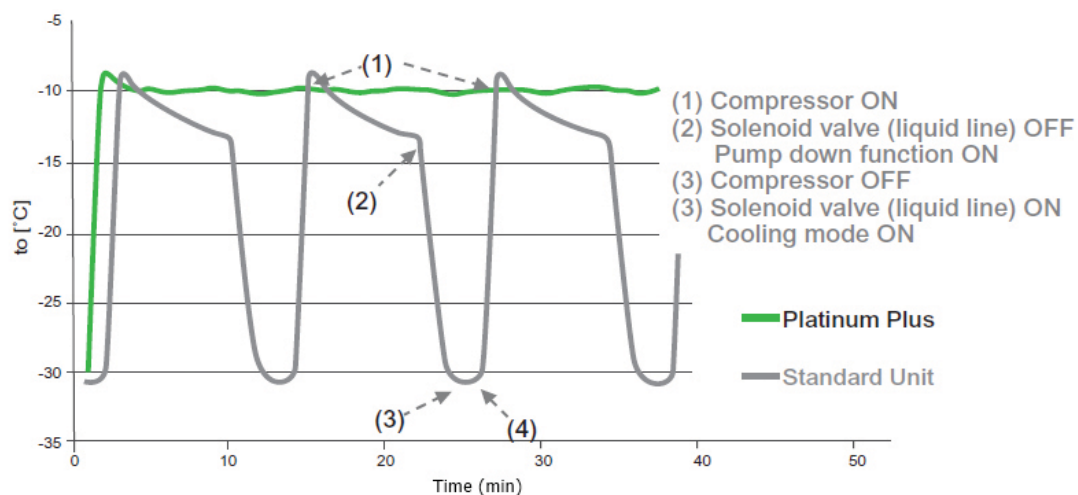


Platinum Plus Series



Platinum Plus Control Concept

Infinite speed control reduces start stop behavior
Intermediate evaporating pressure is visibly higher



BITZER Platinum Series Condensing Units

Performance data, based on 3K liquid subcooling and 20°C suction gas temperature;

Model No: Ambient. Temp. °C		Cooling capacity Q_o [Watt]								
		Evaporation temperature °C								
		12.5	10	7.5	5	0	-5	-10	-15	-20
2EC-2.2Y-PT 1 - 6P	35	Data on Request	7002	6403	5305	4338	3493	2763	2137	
	38		6733	6154	5095	4161	3346	2642	2037	
	40		6555	5990	4956	4045	3250	2562	1971	
	43		6290	5745	4749	3872	3107	2445	1874	
2DC-2.2Y-PT 1 - 6P	35	Data on Request	8163	7472	6203	5080	4095	3242	2509	
	38		7848	7181	5957	4873	3923	3099	2390	
	40		7640	6989	5794	4736	3810	3005	2312	
	43		7331	6703	5552	4534	3642	2867	2198	
2CC-3.2Y-PT 1 - 6P	35	Data on Request	9998	9178	7662	6310	5117	4075	3173	
	38		9614	8822	7358	6054	4903	3898	3026	
	40		9360	8586	7158	5886	4763	3781	2930	
	43		8981	8236	6860	5635	4555	3610	2788	
4FC-3.2Y-PT 1 - 4P	35	Data on Request	11234	10265	8488	6919	5547	4359	3341	
	38		10811	9873	8155	6639	5314	4166	3181	
	40		10531	9614	7936	6455	5161	4040	3076	
	43		10114	9229	7609	6182	4935	3854	2923	
4EC-4.2Y-PT 1 - 4P	35	Data on Request	13949	12783	10633	8723	7045	5590	4342	
	38		13393	12268	10195	8354	6737	5332	4124	
	40		13024	11927	9906	8110	6533	5161	3979	
	43		12476	11420	9475	7747	6229	4906	3762	
4DC-5.2Y-PT 1 - 4P	35	Data on Request	16226	14906	12459	10267	8326	6623	5145	
	38		15602	14327	11964	9849	7975	6332	4903	
	40		15189	13943	11636	9573	7745	6141	4745	
	43		14574	13373	11150	9163	7404	5859	4512	
4CC-6.2Y-PT2 - 4P	35	Data on Request	20464	18751	15600	12805	10353	8223	6391	
	38		19676	18022	14981	12286	9921	7865	6094	
	40		19154	17540	14573	11944	9636	7630	5899	
	43		18380	16824	13967	11436	9216	7284	5613	

Indicates return gas limitations and or additional cooling, refer application limits

BITZER Platinum Series Condensing Units

Performance data, based on 3K liquid subcooling and 20°C suction gas temperature;

		Cooling capacity Q_o [Watt]										
		Evaporation temperature °C (sst)										
Model No:	Ambient Temp °C	7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40
2EC-2.2Y-PT 1 - 6P	35				7013	5894	4888	3991	3200	2507	1905	1385
	38				6654	5586	4626	3771	3016	2355	1779	1279
	40				6416	5382	4452	3625	2894	2254	1695	1209
	43				6061	5077	4194	3408	2714	2104	1571	1104
2EC-3.2Y-PT 1 - 6P	35	10521	9783	8398	7135	5993	4969	4058	3254	2548		
	38	9994	9290	7970	6767	5680	4705	3837	3071	2396		
	40	9644	8962	7685	6522	5472	4530	3691	2949	2295		
	43	9120	8472	7259	6156	5161	4269	3474	2768	2144		
2DC-2.2Y-PT 1 - 6P	35				7963	6708	5575	4561	3662	2871	2181	1583
	38				7539	6343	5263	4298	3441	2687	2028	1453
	40						6101	5057	4123	3295	2565	1926
	43						5740	4749	3863	3077	2384	1774
2DC-3.2Y-PT 1 - 4P	35	12742	11820	10100	8543	7144	5898	4797	3831	2990		
	38	12105	11225	9583	8099	6767	5581	4532	3611	2806		
	40	11682	10829	9240	7804	6516	5370	4356	3465	2684		
	43	11049	10237	8727	7364	6143	5056	4095	3248	2503		
2CC-3.2Y-PT 1 - 4P	35				10148	8534	7082	5787	4644	3643	2773	2022
	38				9628	8089	6705	5472	4383	3428	2596	1875
	40				9283	7794	6456	5264	4211	3287	2480	1778
	43				8768	7354	6084	4954	3954	3076	2307	1634
2CC-4.2Y-PT 1 - 4P	35	14945	13901	11940	10151	8532	7079	5786	4644	3642		
	38	14191	13196	11329	9627	8088	6707	5477	4390	3433		
	40	13691	12728	10923	9279	7794	6461	5274	4223	3295		
	43	12943	12029	10318	8762	7356	6095	4972	3975	3092		
4FC-3.2Y-PT 1 - 4P	35				10973	9241	7679	6284	5049	3965	3021	2205
	38				10406	8754	7265	5935	4758	3724	2821	2036
	40				10030	8431	6991	5704	4565	3564	2689	1925
	43				9469	7949	6581	5360	4279	3326	2491	1759
4FC-5.2Y-PT 2 - 4P	35	17785	16472	14034	11839	9879	8142	6614	5281	4122		
	38	16902	15647	13320	11227	9361	7707	6253	4981	3874		
	40	16315	15099	12846	10822	9018	7420	6014	4784	3710		
	43	15438	14281	12138	10217	8506	6991	5659	4490	3466		
4EC-4.2Y-PT 2 - 4P	35				14290	11976	9905	8068	6451	5041	3821	2769
	38				13523	11319	9349	7602	6066	4724	3559	2551
	40						10886	8983	7296	5812	4515	3387
	43						10243	8440	6843	5438	4208	3134
4EC-6.2Y-PT 2 - 4P	35	21689	20127	17211	14567	12189	10067	8189	6539	5098		
	38	20582	19091	16311	13793	11532	9515	7729	6157	4780		
	40	19848	18405	15715	13282	11097	9150	7425	5905	4571		
	43	18753	17381	14827	12521	10452	8608	6974	5533	4262		
4DC-5.2Y-PT 2 - 4P	35				16990	14289	11859	9692	7777	6098	4638	3376
	38				16086	13514	11203	9143	7321	5723	4329	3117
	40						13002	10770	8781	7021	5476	4125
	43						12242	10127	8244	6578	5112	3826
4DC-7.2Y-PT 2 - 4P	35	24935	23174	19869	16856	14130	11685	9509	7588	5903		
	38	23653	21973	18827	15961	13370	11047	8978	7149	5538		
	40	22800	21176	18135	15368	12868	10625	8628	6860	5299		
	43	21527	19985	17103	14483	12118	9998	8109	6432	4946		
4CC-6.2Y-PT 2 - 4P	35				19808	16727	13946	11457	9251	7310	5617	4148
	38				18791	15851	13201	10831	8728	6877	5258	3846
	40				18114	15270	12706	10415	8382	6591	5020	3647
	43				17102	14400	11968	9794	7865	6163	4666	3350
4CC-9.2Y-PT 2 - 4P	35	28675	26751	23119	19780	16733	13976	11503	9301	7353		
	38	27221	25391	21939	18766	15872	13253	10899	8798	6930		
	40	26254	24486	21153	18091	15299	12771	10497	8462	6647		
	43	24805	23130	19975	17080	14440	12048	9892	7956	6219		

Indicates return gas limitations and or additional cooling, refer application limits

Out of application range and / or condenser design temperature difference



BITZER Platinum "Plus" Series Condensing Units

Performance data, based on 3K liquid subcooling and 20°C suction gas temperature 50Hz;

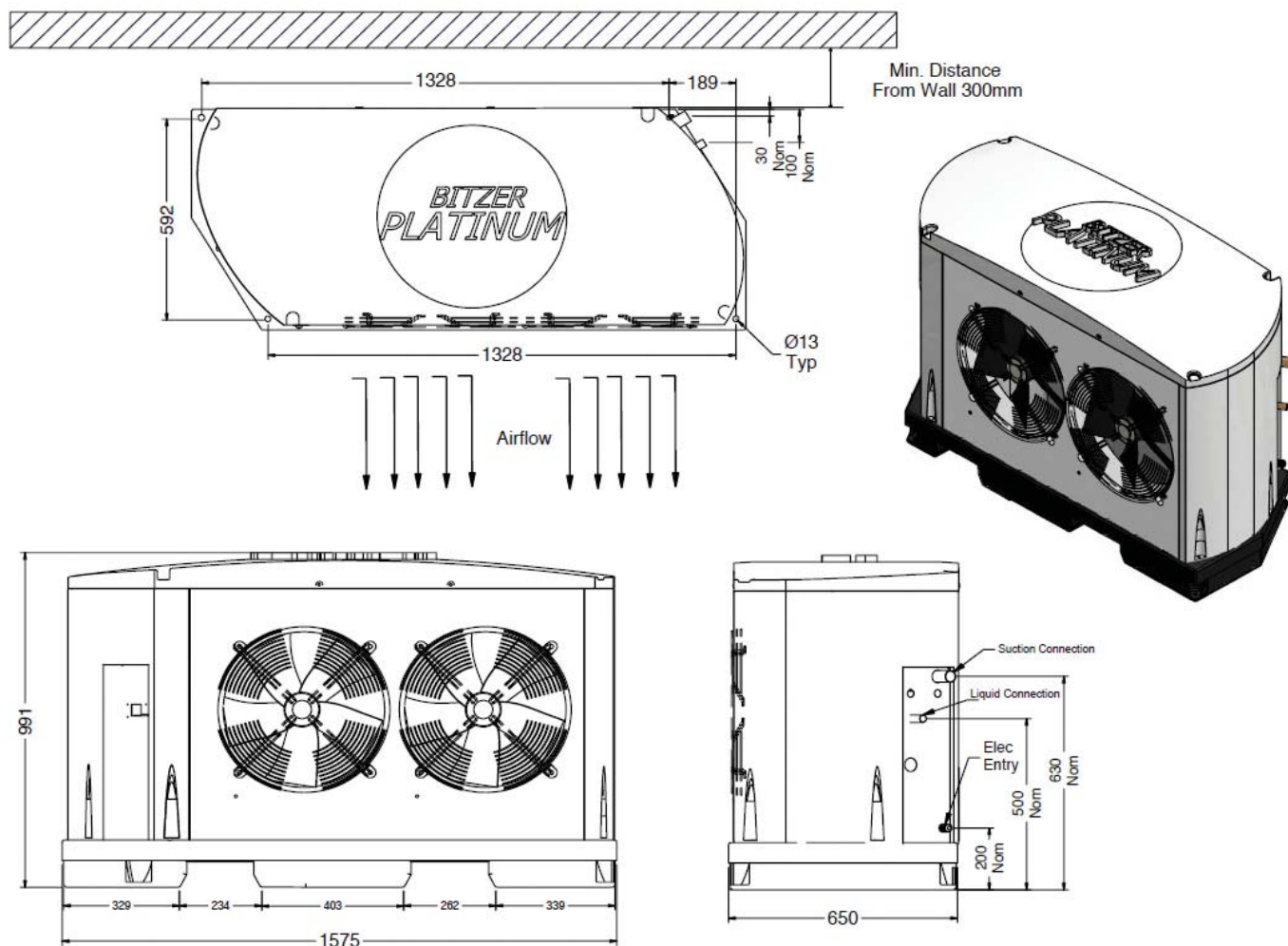
R134a			Cooling capacity Q_o [Watt]								
Model No.	Compressor Frequency	Ambient Temp ° C	Evaporation temperature °C (sst)								
			12.5	10	7.5	5	0	-5	-10	-15	-20
4EC-6.F1-PT 2 - 4P	25 Hz	35	Data on Request		7407	6738	5529	4479	3578	2811	2165
		38			7123	6477	5308	4296	3425	2684	2058
		40			6934	6303	5162	4174	3324	2600	1988
		43			6652	6044	4944	3991	3173	2474	1882
4EC-6.F1-PT 2 - 4P	50 Hz	35	Data on Request		14844	13552	11193	9124	7327	5783	4469
		38			14265	13018	10742	8745	7011	5520	4248
		40			13881	12663	10442	8494	6802	5346	4102
		43			13308	12135	9995	8120	6490	5085	3883
4EC-6.F1-PT 2 - 4P	70 Hz	35	Data on Request		19799	18122	15041	12314	9928	7862	6093
		38			19018	17400	14428	11799	9497	7503	5791
		40			18499	16920	14022	11458	9212	7265	5590
		43			17725	16205	13416	10948	8787	6909	5290
4EC-6.F1-PT 2 - 4P	87 Hz	35	Data on Request		23255	21328	17767	14596	11803	9371	7278
		38			22326	20468	17036	13981	11288	8941	6916
		40			21710	19897	16552	13573	10947	8656	6675
		43			20791	19047	15830	12965	10438	8231	6316
4CC-6.F1-PT 2 - 4P	25 Hz	35				7820	6364	5107	4032	3120	
		38				7511	6106	4893	3856	2974	
		40				7308	5936	4753	3740	2878	
		43				7006	5684	4545	3569	2737	
4CC-6.F1-PT 2 - 4P	50 Hz	35				15558	12771	10329	8211	6389	
		38				14941	12251	9896	7852	6090	
		40				14534	11909	9611	7616	5895	
		43				13931	11403	9190	7268	5606	
4CC-6.F1-PT 2 - 4P	70 Hz	35				20650	17055	13872	11082	8659	
		38				19826	16359	13289	10597	8254	
		40				19283	15900	12906	10278	7989	
		43				18480	15223	12340	9809	7599	
4CC-6.F1-PT 2 - 4P	87 Hz	35				24162	20048	16377	13134	10298	
		38				23194	19226	15686	12558	9816	
		40				22557	18686	15233	12180	9501	
		43				21615	17889	14565	11624	9038	

R404A/R507A			Cooling capacity Q_o [Watt]										
Model No.	Compressor Frequency	Ambient Temp ° C	Evaporation temperature °C (sst)										
			7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40
4EC-6.F1-PT 2 - 4P	25 Hz	35				7394	6127	5017	4051	3215	2494	1874	1337
		38				7009	5801	4744	3823	3027	2338	1743	1224
		40				6755	5586	4563	3673	2903	2236	1657	1150
		43				6378	5267	4296	3451	2719	2084	1530	1040
4EC-6.F1-PT 2 - 4P	50 Hz	35				14523	12145	10030	8163	6525	5095	3846	2754
		38				13757	11491	9478	7701	6141	4774	3577	2522
		40				13252	11060	9114	7397	5888	4564	3400	2369
		43				12502	10422	8576	6947	5514	4253	3139	2143
4EC-6.F1-PT 2 - 4P	70 Hz	35				19087	16069	13355	10933	8784	6889	5220	3747
		38				18067	15195	12614	10310	8264	6455	4854	3431
		40				17394	14619	12126	9900	7922	6170	4614	3223
		43				16396	13765	11403	9294	7417	5748	4258	2915
4EC-6.F1-PT 2 - 4P	87 Hz	35				22163	18749	15655	12873	10387	8176	6214	4468
		38				20967	17720	14779	12135	9769	7659	5778	4092
		40				20178	17042	14203	11649	9363	7320	5492	3845
		43				19007	16036	13349	10930	8762	6818	5068	3478

Indicates return gas limitations and or additional cooling, refer application limits

Out of application range and / or condenser design temperature difference

Drawings and Dimensions



UNIT MODEL	Unit Maximum Power Consumption kW	Unit Maximum Current Amp.	Crankcase Heater W	Unit Weight kg	Condenser Air Flow L/sec	Number of Fans and Rated amps. 240volt 50Hz	Liquid Line Connections	Suction Line Connections	Receiver Pump Down Capacity kg R134A/R404A
2EC-2.2Y-PT 1 - 6P	3.45	6.34	120	151	870	1 / 0.64	1/2"	7/8"	7.6 / 6.2
2EC-3.2Y-PT 1 - 6P	4.15	7.54	120	154	870	1 / 0.64	1/2"	7/8"	7.6 / 6.2
2DC-2.2Y-PT 1 - 6P	4.05	7.54	120	152	870	1 / 0.64	1/2"	7/8"	7.6 / 6.2
2DC-3.2Y-PT 1 - 6P	4.65	8.44	120	154	870	1 / 0.64	1/2"	7/8"	7.6 / 6.2
2DC-3.2Y-PT 1 - 4P	4.85	9.35	120	154	1170	1 / 1.55	1/2"	7/8"	7.6 / 6.2
2CC-3.2Y-PT 1 - 6P	5.15	9.14	120	153	870	1 / 0.64	1/2"	7/8"	7.6 / 6.2
2CC-3.2Y-PT 1 - 4P	5.35	10.05	120	153	1170	1 / 1.55	1/2"	7/8"	7.6 / 6.2
2CC-4.2Y-PT 1 - 4P	5.95	10.95	120	153	1170	1 / 1.55	1/2"	7/8"	7.6 / 6.2
4FC-3.2Y-PT 2 - 4P	6.08	12.30	120	165	1170	2 / 3.1	5/8"	7/8"	9.5 / 7.6
4FC-5.2Y-PT 2 - 4P	6.88	13.90	120	169	1170	2 / 3.1	5/8"	7/8"	9.5 / 7.6
4EC-4.2Y-PT 2 - 4P	7.08	13.80	120	167	1170	2 / 3.1	5/8"	1-1/8"	9.5 / 7.6
4EC-6.2Y-PT 2 - 4P	8.58	16.30	120	169	1170	2 / 3.1	5/8"	1-1/8"	9.5 / 7.6
4DC-5.2Y-PT 2 - 4P	8.68	16.60	120	169	1170	2 / 3.1	5/8"	1-1/8"	9.5 / 7.6
4DC-7.2Y-PT 2 - 4P	9.68	19.00	120	172	1170	2 / 3.1	5/8"	1-1/8"	9.5 / 7.6
4CC-6.2Y-PT 2 - 4P	9.68	19.00	120	174	1170	2 / 3.1	5/8"	1-1/8"	9.5 / 7.6
4CC-9.2Y-PT 2 - 4P	12.28	23.10	120	174	1170	2 / 3.1	5/8"	1-1/8"	9.5 / 7.6
4EC-6.F1Y-PT 2 - 4P	8.58	25.00	120	176	1170	2 / 3.1	5/8"	1-1/8"	9.5 / 7.6
4CC-6.F1Y-PT 2 - 4P	9.68	25.00	120	176	1170	2 / 3.1	5/8"	1-1/8"	9.5 / 7.6

* Fan sound data speed control based on 25°C ambient

BITZER Australia Pty Limited

134 Dunheved Circuit,
St Marys, NSW 2760
Australia
tel +61 (2) 8801 9300
fax +61 (2) 9673 4698
info@bitzer.com.au

Victoria

tel +61 (3) 8326 8200
fax +61 (3) 9310 2520

Queensland

tel +61 (7) 3725 1360
fax +61 (7) 3274 3621

South Australia

tel +61 (8) 8345 6110
fax +61 (8) 8268 4555

Western Australia

tel +61 (8) 6350 6297
fax +61 (8) 9359 2077

BITZER New Zealand

BITZER Australia Pty Ltd

9a Douglas Alexander Parade
Rosedale 0632
Auckland
New Zealand
tel +64 9 415 2030

www.bitzer.com.au



In the interest of continuous improvement BITZER reserves the right to change the specifications or design of any of its products without notice. The BITZER Symbol, Name BITZER and model numbers are registered trade marks. All products manufactured are pending design and specification registration and must not be copied or duplicated in any way.

Note: The ISO standard only applies to the BITZER NSW and VIC branches