



tecumseh

COMPAC condensing units range.

made like no other.

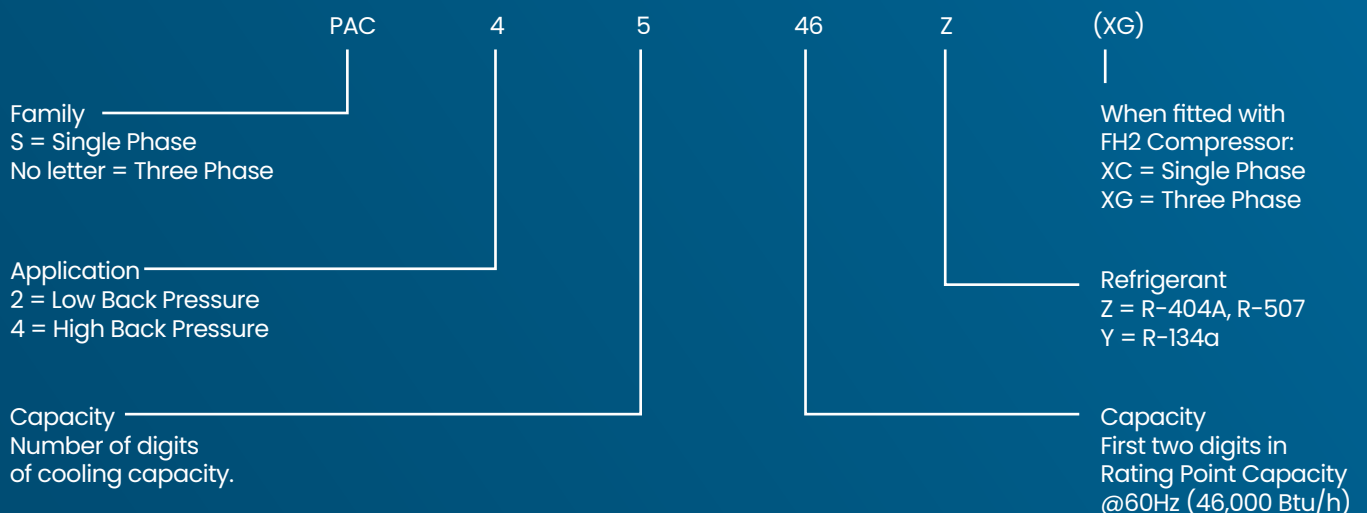
COMPAC
range.

UNDERSTANDING THE COMPAC MODELS

The COMPAC part numbers are based around a nomenclature system, which means there's a story behind the names, making it easy to decipher the model and its attributes.

Please see an example below of an COMPAC model number broken down.

COMPAC Nomenclature



section one

COMPAC
hermetic.

COMPAC hermetic.



Hermetically sealed reciprocating compressors.

The COMPAC is a range of fully fitted packaged units with world leading Tecumseh hermetically sealed reciprocating compressors. Designed with space constraints in mind, the horizontal discharge condenser configuration suits unit placement in car parks, roofs, on the side of buildings and mounted above one another without restricting airflow.

Installation is quick and easy, as every COMPAC is optioned straight out of the box. Once installed, you can relax knowing the premium compressors and large condensers will deliver reliable refrigeration when you need it most. Every COMPAC is built with high quality, corrosion resistant components, and extensive testing is completed on each unit, to ensure long life in the field.

Standard features

- Compactness. Housing is designed to optimise spacing and functionality
- Housing has a maximum length of 913mm for all models
- Powder coated steel casing
- Light in weight
- Easily serviceable as the mechanical and electrical components are in the same compartment
- Fan cycle control
- Factory leak tested
- World leading compressors
- Large epoxy finned curved condenser
- Oil separator on every model
- Suction accumulator on low temperature models
- Comprehensive electrical board fully wired to all electrical components
- Separate compressor and fan compartment for safe and easy maintenance
- Safety controls offering substantial protection

COMPAC Hermetic.

Medium temperature applications - R404A/R448A/R452A

Single phase

Product Code	Unit Model	Compressor					Fan(s)				Liquid Receiver Capacity kg @ 80%
		Tecumseh Model	Displ. cm ³ /rev	Nominal HP	MOC Amps	Volts / Phase	No. Diam. Mm	MOC Amps	Air Flow m ³ /hr	Volts / Phase	
3508016	PACS4517Z-EVO	CAJ4517Z	25.9	1.50	12.7	240/1	1 x 450	1.15	5050	240/1	3.9
3508018	PACS4519Z-EVO	CAJ4519Z	34.5	1.60	15.6	240/1	1 x 450	1.15	5050	240/1	3.9
3508132	PACS44524Z-EVO-XC	FH4524Z-XC	43.5	2.00	18.1	240/1	1 x 450	1.15	5050	240/1	3.9
3508134	PACS4532Z-EVO-XC	FH4532Z-XC	56.6	2.60	22.4	240/1	1 x 450	1.15	5050	240/1	3.9
3508136	PAC4538Z-EVO-XC	FH4540Z	74.2	3.30	27.0	240/1	1 x 500	1.75	6720	240/1	3.9

Three phase

Product Code	Unit Model	Compressor					Fan(s)				Liquid Receiver Capacity kg @ 80%
		Tecumseh Model	Displ. cm ³ /rev	Nominal HP	MOC Amps	Volts / Phase	No. Diam. Mm	MOC Amps	Air Flow m ³ /hr	Volts / Phase	
3508017	PAC4517Z-EVO	TAJ4517Z	25.9	1.50	4.4	415/3	1 x 450	1.15	5050	240/1	3.9
3508019	PAC4519Z-EVO	TAJ4519Z	34.5	1.60	6.2	415/3	1 x 450	1.15	5050	240/1	3.9
3508133	PAC4524Z-EVO-XG	FH4524Z-XG	43.5	2.00	7.7	415/3	1 x 450	1.15	5050	240/1	3.9
3508135	PAC4532Z-EVO-XG	FH4532Z-XG	56.6	2.60	9.0	415/3	1 x 450	1.15	5050	240/1	3.9
3508137	PAC4538Z-EVO-XG	FH4538Z-XG	74.2	3.30	9.2	415/3	1 x 500	1.75	6720	240/1	3.9
3508026	PAC4546Z-EVO	TAG4546Z	90.2	3.80	12.1	415/3	1 x 500	1.75	6720	240/1	3.9
3508027	PAC4553Z-EVO	TAG4553Z	100.7	4.40	14.0	415/3	2 x 450	2.30	10100	240/1	9.5
3508028	PAC4561Z-EVO	TAG4561Z	112.5	5.00	15.3	415/3	2 x 450	2.30	10100	240/1	9.5
3508029	PAC4568Z-EVO	TAG4568Z	124.4	5.70	17.8	415/3	2 x 450	2.30	10100	240/1	9.5
3508030	PAC4573Z-EVO	TAG4573Z	134.8	6.00	19.0	415/3	2 x 450	2.30	10100	240/1	9.5

Dimension properties

Product Code	Unit Model	Unit connections		Weight	Sound Power Level	Dimensions			Drawing No.
		Suction	Liquid		dBA	L mm	W mm	H mm	
3508016	PACS4517Z-EVO	5/8"	3/8"	69	65	913	416	633	1
3508017	PAC4517Z-EVO	5/8"	3/8"	67	65	913	416	633	1
3508018	PACS4519Z-EVO	5/8"	3/8"	69	68	913	416	633	1
3508019	PAC4519Z-EVO	5/8"	3/8"	67	68	913	416	633	1
3508132	PACS44524Z-EVO-XC	5/8"	3/8"	81	70	913	416	633	1
3508133	PAC4524Z-EVO-XG	5/8"	3/8"	77	70	913	416	633	1
3508134	PACS4532Z-EVO-XC	5/8"	3/8"	78	71	913	416	633	1
3508135	PAC4532Z-EVO-XG	5/8"	3/8"	78	71	913	416	633	1
3508136	PACS4538Z-EVO-XC	7/8"	1/2"	94	72	913	416	792	2
3508137	PAC4538Z-EVO-XG	7/8"	1/2"	91	72	913	416	792	2
3508026	PAC4546Z-EVO	7/8"	1/2"	102	73	913	416	792	2
3508027	PAC4553Z-EVO	7/8"	1/2"	125	75	913	416	1149	3
3508028	PAC4561Z-EVO	7/8"	1/2"	125	75	913	416	1149	3
3508029	PAC4568Z-EVO	7/8"	1/2"	126	75	913	416	1149	3
3508030	PAC4573Z-EVO	7/8"	1/2"	127	76	913	416	1149	3

Capacities

Product Code	Model Number	Ambient Temperature: °C	Capacity: Watts														
			Evaporating Temperature: °C														
			R404A					R448A					R452A				
			-10	-5	0	5	10	-10	-5	0	5	10	-10	-5	0	5	10
3508016	PACS4517Z	30	2683	3251	3890	4604	5394	2548	3141	3817	4581	5437	2646	3228	3887	4625	5444
		32	2592	3142	3761	4451	5214	2462	3038	3695	4437	5269	2554	3118	3756	4470	5263
		38	2318	2814	3370	3990	4675	2204	2731	3330	4008	4768	2277	2787	3362	4005	4720
		43	2087	2539	3043	3604	4224	1992	2478	3030	3654	4355	2046	2511	3033	3618	4268
3508018	PACS4519Z	30	3406	4122	4916	5789	6743	3246	3996	4840	5782	6823	3364	4097	4915	5818	6808
		32	3293	3987	4756	5601	6523	3138	3868	4689	5604	6617	3248	3960	4752	5627	6586
		38	2944	3574	4267	5025	5851	2811	3481	4231	5068	5993	2895	3542	4257	5045	5908
		43	2647	3222	3850	4535	5281	2538	3157	3849	4619	5472	2597	3187	3838	4553	5336
3508132	PACS44524Z-EVO-XC	30	3874	4756	5730	6795	7951	3711	4633	5668	6820	8089	3832	4735	5737	6839	8039
		32	3730	4588	5533	6566	7685	3575	4474	5482	6604	7840	3686	4564	5537	6606	7770
		38	3291	4074	4932	5865	6875	3160	3989	4917	5949	7087	3242	4044	4928	5898	6953
		43	2917	3637	4420	5269	6187	2813	3583	4444	5400	6456	2866	3603	4413	5298	6262
3508134	PACS4532Z-EVO-XC	30	4984	6010	7093	8246	9479	4764	5840	7007	8278	9661	4915	5965	7082	8281	9569
		32	4791	5798	6855	7975	9169	4585	5644	6787	8028	9377	4722	5752	6844	8009	9258
		38	4197	5150	6130	7152	8230	4041	5050	6124	7278	8525	4132	5106	6118	7185	8320
		43	3690	4599	5515	6457	7439	3581	4552	5571	6655	7820	3629	4557	5506	6493	7533
3508136	PACS4538Z-EVO-XC	30	6107	7409	8819	10327	11922	5864	7230	8736	10374	12138	6049	7380	8828	10384	12037
		32	5912	7174	8539	9995	11534	5678	7009	8473	10065	11779	5849	7141	8543	10049	11646
		38	5307	6454	7683	8986	10357	5108	6335	7678	9134	10699	5233	6409	7677	9031	10465
		43	4777	5831	6949	8127	9361	4618	5762	7008	8354	9798	4697	5780	6938	8169	9468
3508026	PAC4546Z	30	6853	8484	10275	12214	14286	6586	8296	10212	12326	14631	6771	8437	10277	12280	14432
		32	6553	8132	9865	11740	13745	6301	7962	9822	11879	14122	6469	8082	9863	11803	13889
		38	5664	7085	8642	10326	12130	5462	6974	8672	10554	12614	5577	7030	8634	10384	12269
		43	4939	6228	7637	9161	10795	4785	6175	7737	9474	11382	4852	6171	7627	9217	10935
3508027	PAC4553Z	30	8135	10102	12293	14703	17321	7794	9842	12162	14756	17620	8039	10046	12294	14778	17490
		32	7792	9693	11809	14136	16665	7466	9452	11701	14218	17000	7692	9633	11805	14207	16830
		38	6767	8476	10370	12450	14713	6496	8299	10342	12630	15167	6659	8405	10355	12509	14867
		43	5921	7473	9186	11063	13105	5706	7362	9236	11339	13675	5811	7398	9165	11117	13256
3508028	PAC4561Z	30	9009	11063	13333	15806	18469	8624	10775	13191	15871	18807	8896	10996	13326	15879	18641
		32	8648	10636	12827	15215	17786	8282	10369	12713	15314	18166	8533	10564	12817	15285	17955
		38	7572	9362	11326	13460	15758	7269	9172	11305	13674	16277	7450	9283	11307	13522	15921
		43	6678	8311	10090	12016	14088	6440	8197	10161	12342	14742	6554	8228	10067	12075	14252
3508029	PAC4568Z	30	10333	12549	14986	17633	20478	9898	12245	14875	17789	20982	10206	12483	15001	17751	20722
		32	9954	12110	14476	17045	19805	9542	11833	14400	17245	20363	9825	12041	14487	17160	20047
		38	8813	10784	12937	15268	17772	8479	10603	12981	15617	18513	8679	10708	12941	15377	18011
		43	7858	9672	11644	13775	16062	7604	9589	11810	14273	16982	7722	9593	11646	13885	16305
3508030	PAC4573Z	30	11009	13313	15833	18556	21466	10545	12989	15714	18717	21986	10868	13231	15831	18655	21687
		32	10606	12837	15273	17905	20715	10162	12538	15187	18106	21285	10460	12749	15265	17998	20931
		38	9377	11387	13573	15927	18442	9007	11179	13599	16267	19180	9219	11285	13550	16007	18648
		43	8337	10161	12135	14259	16526	8045	10047	12276	14737	17428	8174	10053	12107	14335	16732

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

COMPAC Hermetic.

Low temperature applications - R404A/R448A/R452A

Single phase

Product Code	Unit Model	Compressor					Fan(s)				Liquid Receiver Capacity kg @ 80%
		Tecumseh Model	Displ. cm ³ /rev	Nominal HP	MOC Amps	Volts / Phase	No. Diam. Mm	MOC Amps	Air Flow m ³ /hr	Volts / Phase	
3508139	PACS2480Z-XC	FH2480Z-XC3A	54.3	2.00	11.1	240/1	1 x 450	1.15	5050	240/1	3.9
3508141	PACS2511Z-XC	FH2511Z-XC3A	68.0	2.75	12.2	240/1	1 x 450	1.15	5050	240/1	3.9

Three phase

Product Code	Unit Model	Compressor					Fan(s)				Liquid Receiver Capacity kg @ 80%
		Tecumseh Model	Displ. cm ³ /rev	Nominal HP	MOC Amps	Volts / Phase	No. Diam. Mm	MOC Amps	Air Flow m ³ /hr	Volts / Phase	
3508140	PAC2480Z-EVO	FH2480Z-XG1A	54.3	2.0	3.6	415/3	1 x 450	1.15	5050	240/1	3.9
3508142	PAC2511Z-XG	FH2511Z-XG1A	68.0	2.8	5.2	415/3	1 x 450	1.15	5050	240/1	3.9
3508035	PAC2513Z-EVO	TAG2513Z	100.7	3.2	6.4	415/3	1 x 500	1.75	6720	240/1	3.9
3508036	PAC2516Z-EVO	TAG2516Z	112.5	4.0	7.1	415/3	1 x 500	1.75	6720	240/1	3.9
3508037	PAC2522Z-EVO	TAG2522Z	134.8	5.5	9.1	415/3	2 x 450	2.3	10100	240/1	9.5
3508038	PAC2525Z-EVO	TAG2525Z	145	6.2	9.8	415/3	2 x 450	2.3	10100	240/1	9.5

Dimension properties

Product Code	Unit Model	Unit connections		Weight	Sound Power Level	Dimensions			Drawing No.
		Suction		Liquid	dBA	L mm	W mm	H mm	
3508139	PACS2480Z-XC	5/8"	3/8"	86	69	913	416	633	1
3508140	PAC2480Z-XG	5/8"	3/8"	82	69	913	416	633	1
3508141	PACS2511Z-XC	5/8"	3/8"	86	70	913	416	633	1
3508142	PAC2511Z-XG	5/8"	3/8"	82	70	913	416	633	1
3508035	PAC2513Z-EVO	7/8"	1/2"	104	71	913	416	792	2
3508036	PAC2516Z-EVO	7/8"	1/2"	103	71	913	416	792	2
3508037	PAC2522Z-EVO	7/8"	1/2"	130	76	913	416	1149	3
3508038	PAC2525Z-EVO	7/8"	1/2"	129	77	913	416	1149	3

Capacities

Product Code	Model Number	Ambient Temperature: °C	Capacity: Watts																	
			Evaporating Temperature: °C																	
			R404A					R448A					R452A							
			-30	-25	-23.3	-20	-15	-30	-25	-23.3	-20	-15	-40	-35	-30	-25	-23.3	-20	-15	-10
3508139	PACS2480Z-XC	32	1861	2423	2625	3031	3687	1386	1935	2144	2585	3345	711	1128	1631	2230	2458	2935	3754	4693
		35	1759	2308	2506	2906	3559	1288	1819	2021	2448	3184	628	1035	1523	2103	2322	2783	3573	4481
		38	1663	2198	2392	2787	3437	1190	1703	1898	2311	3023	543	938	1412	1972	2183	2628	3391	4267
3508140	PAC2480Z-XG	43	1516	2027	2215	2600	3245	1026	1510	1695	2083	2756	400	776	1223	1749	1948	2366	3082	3906
		32	1940	2530	2741	3168	3864	1393	1913	2110	2522	3229	757	1159	1639	2203	2416	2860	3618	4483
		35	1836	2414	2622	3045	3739	1298	1803	1994	2397	3088	675	1066	1532	2081	2288	2720	3457	4301
		38	1739	2303	2508	2926	3619	1204	1696	1882	2275	2949	594	973	1425	1958	2159	2579	3297	4120
3508141	PACS2511Z-XC	43	1592	2133	2331	2742	3431	1054	1522	1701	2077	2728	458	819	1249	1756	1947	2348	3035	3826
		32	2440	3236	3535	4157	5216	1928	2686	2977	3598	4683	958	1520	2232	3110	3452	4182	5460	6965
		35	2306	3084	3376	3988	5037	1801	2534	2818	3421	4480	860	1401	2079	2921	3247	3944	5170	6615
		38	2181	2937	3224	3826	4864	1674	2384	2660	3247	4279	763	1281	1929	2733	3043	3710	4884	6268
3508142	PAC2511Z-XG	43	1988	2710	2987	3571	4592	1464	2138	2400	2960	3949	603	1084	1682	2421	2707	3322	4406	5693
		32	2440	3236	3535	4157	5216	1903	2662	2956	3583	4683	1020	1562	2242	3072	3393	4074	5263	6654
		35	2306	3084	3376	3988	5037	1773	2500	2783	3388	4452	925	1443	2092	2890	3199	3855	5002	6349
		38	2181	2937	3224	3826	4864	1648	2346	2618	3201	4231	834	1328	1948	2714	3010	3641	4748	6053
3508035	PAC2513Z-EVO	43	1988	2710	2987	3571	4592	1452	2105	2359	2908	3884	690	1144	1718	2430	2706	3297	4339	5576
		32	2829	3940	4364	5256	6782	2139	3110	3489	4300	5719	996	1674	2539	3615	4033	4920	6465	8258
		35	2587	3644	4047	4896	6350	1949	2874	3236	4010	5372	856	1501	2324	3349	3747	4596	6076	7798
		38	2353	3354	3738	4545	5929	1767	2645	2990	3730	5036	721	1333	2115	3090	3469	4278	5695	7348
3508036	PAC2516Z-EVO	43	1988	2903	3254	3993	5267	1485	2293	2612	3298	4517	511	1072	1788	2684	3034	3781	5096	6643
		32	3382	4472	4879	5727	7169	2593	3572	3946	4735	6106	1386	2147	3053	4124	4531	5386	6864	8585
		35	3196	4259	4660	5495	6923	2448	3406	3774	4556	5922	1282	2012	2889	3937	4338	5184	6655	8382
		38	3021	4058	4450	5271	6686	2312	3250	3614	4387	5752	1186	1886	2734	3760	4155	4991	6456	8190
3508037	PAC2522Z-EVO	43	2754	3743	4120	4920	6313	2111	3018	3374	4137	5502	1046	1697	2498	3486	3869	4691	6148	7897
		32	4298	5760	6319	7499	9542	3296	4602	5111	6200	8127	1790	2719	3880	5313	5868	7053	9136	11595
		35	4020	5417	5951	7079	9034	3079	4331	4821	5869	7728	1628	2522	3635	5008	5541	6679	8684	11057
		38	3745	5078	5587	6663	8530	2866	4067	4537	5546	7338	1465	2324	3390	4706	5217	6309	8237	10525
3508038	PAC2525Z-EVO	43	3292	4519	4987	5978	7704	2524	3644	4083	5027	6714	1192	1996	2987	4208	4683	5700	7503	9656
		32	4624	6085	6626	7739	9578	3546	4872	5375	6430	8224	1951	2960	4180	5628	6174	7312	9235	11391
		35	4314	5709	6225	7287	9039	3305	4580	5064	6079	7811	1760	2733	3905	5294	5818	6911	8756	10830
		38	4009	5339	5831	6842	8508	3072	4297	4763	5741	7413	1573	2509	3633	4966	5467	6515	8286	10283
		43	3527	4754	5206	6134	7666	2716	3863	4300	5220	6799	1277	2156	3204	4443	4910	5886	7542	9423

EN13215 ratings

Return gas 20°C | Superheat 55k | Subcooling 3k

COMPAC Hermetic.

Medium temperature applications – R134a/R513A

Single phase

Product Code	Unit Model	Compressor					Fan(s)				Liquid Receiver Capacity kg @ 80%
		Tecumseh Model	Displ. cm ³ /rev	Nominal HP	MOC Amps	Volts / Phase	No. Diam. Mm	MOC Amps	Air Flow m ³ /hr	Volts / Phase	
3508064	PACS4476Y-EVO	CAJ4476Y	21.8	0.7	7.5	240/1	1 x 450	1.15	5050	240/1	3.9
3508065	PACS4492Y-EVO	CAJ4492Y	25.9	0.75	9.6	240/1	1 x 450	1.15	5050	240/1	3.9
3508067	PACS4511Y-EVO	CAJ4511Y	32.7	1	9.3	240/1	1 x 450	1.15	5050	240/1	3.9
3508143	PACS4518N-EVO-XC	FH4518N-XC	53.2	1.5	11.1	240/1	1 x 450	1.15	5050	240/1	3.9
3508145	PACS4525N-EVO-XC	FH4525N-XC	74.2	2	14.4	240/1	1 x 450	1.15	5050	240/1	3.9

Three phase

Product Code	Unit Model	Compressor					Fan(s)				Liquid Receiver Capacity kg @ 80%
		Tecumseh Model	Displ. cm ³ /rev	Nominal HP	MOC Amps	Volts / Phase	No. Diam. Mm	MOC Amps	Air Flow m ³ /hr	Volts / Phase	
3508066	PAC4492Y-EVO	TAJ4492Y	25.9	0.75	3.5	415/3	1 x 450	1.15	5050	240/1	3.9
3508068	PAC4511Y-EVO	TAJ4511Y	32.7	1	3.7	415/3	1 x 450	1.15	5050	240/1	3.9
3508144	PAC4518N-EVO-XG	FH4518N-XG	53.2	1.5	5.2	415/3	1 x 450	1.15	5050	240/1	3.9
3508146	PAC4525N-EVO-XG	FH4525N-XG	74.2	2	7.2	415/3	1 x 450	1.15	5050	240/1	3.9
3508073	PAC4528Y-EVO	TAG4528Y	90.2	2.3	11.2	415/3	1 x 500	1.75	6720	240/1	3.9
3508074	PAC4534Y-EVO	TAG4534Y	100.7	2.8	11.5	415/3	1 x 500	1.75	6720	240/1	3.9
3508075	PAC4537Y-EVO	TAG4537Y	112.5	3	11.2	415/3	1 x 500	1.75	6720	240/1	3.9
3508076	PAC4543Y-EVO	TAG4543Y	124.4	3.6	11.4	415/3	1 x 500	1.75	6720	240/1	3.9

Dimension properties

Product Code	Unit Model	Unit connections		Weight	Sound Power Level	Dimensions			Drawing No.
		Suction		Liquid	dBA	L mm	W mm	H mm	
3508064	PACS4476Y-EVO	1/2"	3/8"	67	68	913	465	633	1
3508065	PACS4492Y-EVO	5/8"	3/8"	67	68	913	465	633	1
3508066	PAC4492Y-EVO	5/8"	3/8"	66	68	913	465	633	1
3508067	PACS4511Y-EVO	5/8"	3/8"	67	68	913	465	633	1
3508068	PAC4511Y-EVO	5/8"	3/8"	66	68	913	465	633	1
3508143	PACS4518N-EVO-XC	5/8"	3/8"	78	68	913	465	633	1
3508144	PAC4518N-EVO-XG	5/8"	3/8"	77	68	913	465	633	1
3508145	PAC4525N-EVO-XC	5/8"	3/8"	79	70	913	465	633	1
3508146	PAC4525N-EVO-XG	5/8"	3/8"	78	70	913	465	633	1
3508073	PAC4528Y-EVO	7/8"	1/2"	102	72	913	478	792	2
3508074	PAC4534Y-EVO	7/8"	1/2"	102	72	913	478	792	2
3508075	PAC4537Y-EVO	7/8"	1/2"	102	72	913	478	792	2
3508076	PAC4543Y-EVO	7/8"	1/2"	102	72	913	478	792	2

Medium temperature applications - R134a/R513A

Capacities

Product Code	Model Number	Ambient Temperature: °C	Capacity: Watts									
			Evaporating Temperature: °C									
			R134a					R513A				
			-10	-5	0	5	10	-10	-5	0	5	10
3508064	PACS4476Y	30	1136	1439	1788	2184	2632	1173	1477	1830	2239	2706
		32	1099	1396	1737	2125	2563	1131	1428	1774	2173	2629
		38	985	1263	1581	1943	2351	1006	1281	1602	1973	2398
		43	887	1148	1447	1787	2171	899	1158	1458	1806	2204
3508065	PACS4492Y	30	1388	1758	2182	2664	3205	1508	1856	2248	2685	3167
		32	1345	1705	2119	2588	3116	1461	1799	2179	2602	3068
		38	1213	1547	1929	2362	2849	1318	1629	1975	2356	2775
		43	1100	1414	1771	2175	2628	1196	1487	1806	2156	2537
3508067	PACS4511Y	30	1795	2238	2739	3299	3918	1948	2361	2817	3317	3858
		32	1744	2176	2665	3211	3814	1891	2293	2736	3220	3743
		38	1587	1989	2441	2944	3501	1720	2089	2492	2930	3400
		43	1452	1829	2251	2720	3237	1573	1917	2288	2688	3116
3508068	PAC4511Y	30	1778	2224	2727	3289	3911	1929	2347	2807	3309	3854
		32	1726	2162	2653	3202	3808	1871	2278	2725	3213	3740
		38	1566	1972	2426	2933	3493	1695	2069	2477	2919	3395
		43	1431	1810	2233	2705	3225	1547	1893	2268	2671	3105
3508069	PACS4518Y	30	2477	3201	4032	4975	6032	2571	3292	4122	5063	6119
		32	2396	3107	3922	4847	5884	2482	3189	4000	4921	5954
		38	2143	2813	3580	4450	5424	2207	2869	3626	4485	5447
		43	1922	2557	3283	4105	5027	1969	2593	3305	4111	5014
3508070	PAC4518Y	30	2484	3214	4054	5010	6085	2579	3305	4144	5099	6172
		32	2405	3120	3943	4879	5931	2491	3202	4021	4953	6001
		38	2159	2829	3598	4473	5456	2223	2884	3644	4508	5479
		43	1947	2578	3301	4124	5050	1995	2614	3323	4130	5036
3508071	PACS4525Y	30	3597	4532	5585	6757	8043	3720	4641	5680	6836	8102
		32	3483	4398	5429	6574	7831	3596	4496	5509	6636	7871
		38	3136	3991	4951	6018	7188	3219	4055	4993	6033	7173
		43	2840	3644	4546	5547	6646	2901	3683	4558	5528	6590
3508072	PAC4525Y	30	3520	4435	5477	6645	7939	3637	4540	5568	6722	7999
		32	3393	4288	5305	6447	7714	3501	4380	5383	6508	7755
		38	3024	3854	4800	5864	7047	3103	3915	4840	5881	7036
		43	2727	3504	4391	5391	6505	2785	3541	4403	5374	6454
3508073	PAC4528Y	30	3194	4434	5864	7460	9194	4274	5389	6664	8101	9698
		32	3090	4297	5691	7246	8938	4118	5203	6443	7839	9393
		38	2779	3887	5171	6607	8171	3656	4655	5792	7071	8493
		43	2520	3545	4738	6075	7532	3276	4208	5262	6446	7762
3508074	PAC4534Y	30	4143	5484	7021	8723	10562	4701	5915	7297	8845	10557
		32	4008	5314	6812	8472	10265	4529	5711	7054	8559	10223
		38	3603	4804	6185	7718	9374	4019	5107	6338	7716	9238
		43	3264	4378	5663	7090	8633	3600	4614	5755	7029	8436

COMPAC Hermetic.

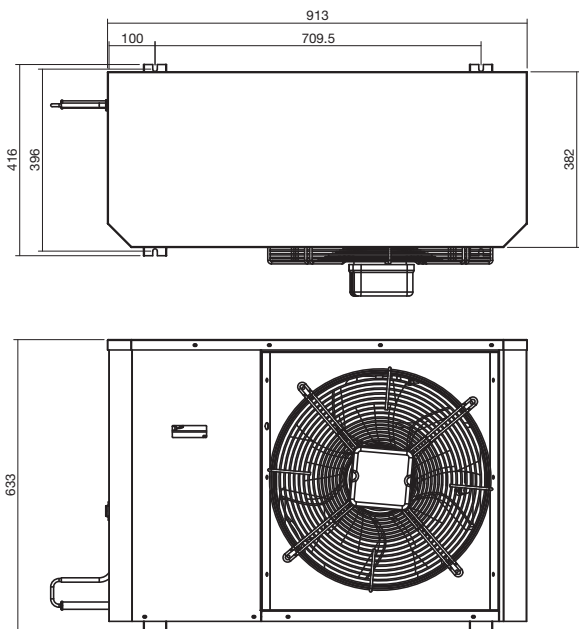
Capacities

Product Code	Model Number	Ambient Temperature: °C	Capacity: Watts									
			Evaporating Temperature: °C									
			R134a					R513A				
			-10	-5	0	5	10	-10	-5	0	5	10
3508075	PAC4537Y	30	4708	6160	7825	9666	11646	5177	6500	7998	9667	11501
		32	4554	5968	7591	9386	11316	4987	6275	7731	9354	11137
		38	4091	5392	6888	8545	10327	4424	5610	6945	8430	10061
		43	3705	4912	6303	7845	9504	3960	5066	6304	7678	9184
3508076	PAC4543Y	30	4876	6400	8192	10200	12371	5653	7079	8685	10463	12401
		32	4715	6200	7946	9902	12017	5445	6834	8395	10123	12007
		38	4234	5599	7207	9010	10958	4829	6109	7540	9121	10843
		43	3833	5098	6592	8268	10076	4322	5515	6843	8304	9893

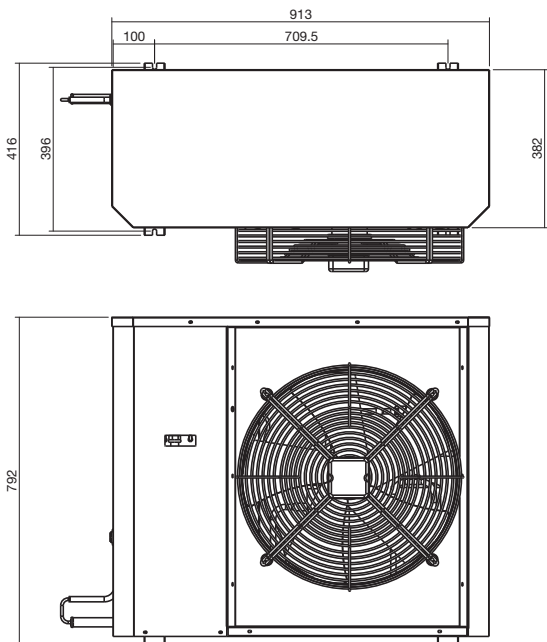
Capacities based on EN13215 Midpoint ratings: Return Vapour 20°C, Subcooling 3K

Dimensional Drawings

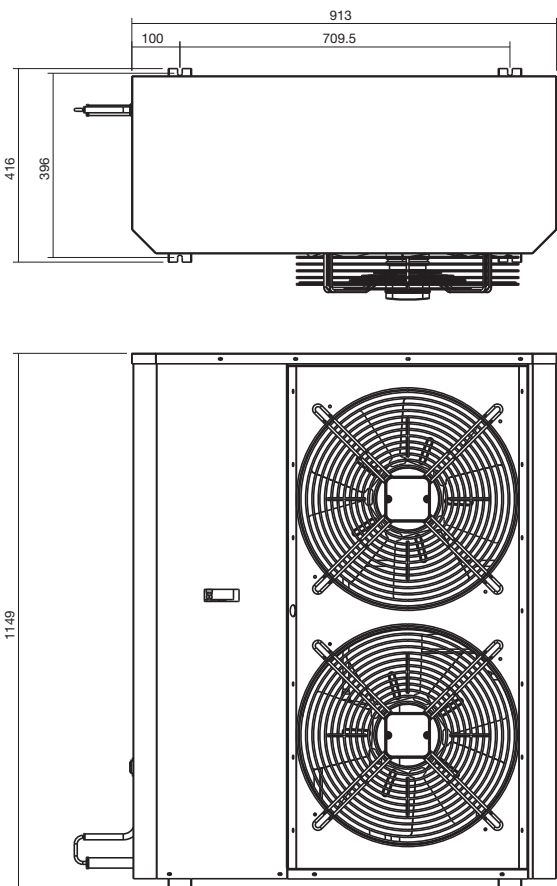
Drawing 1



Drawing 2



Drawing 3



section two

COMPAC scroll.

COMPAC scroll.



The smooth operators.

The Compac Scroll series is a range of fully fitted packaged units featuring world leading Tecumseh Scroll compressors. The Scroll compressor allows for an ultra smooth and efficient operation due to the true rotating motion which enables dynamic balancing. Designed with space constraints in mind, the horizontal discharge condenser configuration suits unit placement in car parks, roofs, on the side of buildings and mounted above one another without restricting airflow.

Installation is simple as every COMPAC is optioned straight out of the box. Once installed, you can relax knowing the premium compressors and large condensers will deliver reliable refrigeration when you need it most.

Every COMPAC is built with high quality, corrosion resistant components, and extensive testing is completed on each unit, to ensure long life in the field. What's more, electronic overload protects against phase loss, imbalance, reversal, locked rotor and over-current to ensure excellent compressor protection.

Standard features

- Small footprint. Housing is designed to optimise spacing
- Large epoxy finned condenser
- Oil separator on every model
- Suction accumulator on all models
- Powder coated galvanised steel casing
- Light weight design
- Easy servicing - mechanical & electrical components in same compartment
- Factory leak tested
- Fan cycle control
- Electrical panel is fully wired to all electrical components
- Separate compressor and fan compartment for safe and easy maintenance
- Safety controls offering substantial protection

COMPAC scroll.

Medium temperature applications – R404A/R448A/R452A/R134a/R513A

Product Code	Unit Model	Compressor					Fan(s)				Liquid Receiver Capacity kg @ 80%
		Tecumseh Model	Displ. cm ³ /rev	Nominal HP	MOC Amps	Volts / Phase	No. Diam. Mm	MOC Amps	Air Flow m ³ /hr	Volts / Phase	
3508116	PASS4524Z-1	VSE9515ZFZ	5.8	2.0	16.2	240/1	1 x 450	1.15	5050	240/1	3.9
3508117	PAS4530Z-3	VSE9519ZXG	7.3	2.5	6.4	415/3	1 x 500	1.75	6720	240/1	3.9
3508118	PAS4548Z-3	VSE9530ZXG	11.8	4.0	10.3	415/3	1 x 500	1.75	6720	240/1	3.9
3508119	PAS4560Z-3	VSE9538ZXG	14.5	5.0	12.2	415/3	2 x 450	2.30	10100	240/1	9.5
3508120	PAS4572Z-3	VSE9545ZXG	17.1	6.0	14.3	415/3	2 x 450	2.30	10100	240/1	9.5
3508121	PAS4584Z-3	VSE9548ZXG	18.8	7.0	17.1	415/3	2 x 500	3.50	13440	240/1	9.5
3508122	PAS4596Z-3	VSE9558ZXG	21.4	8.0	18.4	415/3	2 x 500	3.50	13440	240/1	9.5
3508123	PAS4611Z-3	VSE9566ZXG	25.3	9.0	21.0	415/3	2 x 500	3.50	13440	240/1	9.5
3508124	PAS4612Z-3	VSE9576ZXG	29.1	10.0	23.6	415/3	2 x 500	3.50	13440	240/1	9.5
3508125	PAS4614Z-3	VSE9595ZXG	34.3	12.0	27.6	415/3	4 x 500	7.00	26880	240/1	12

Dimension properties

Product Code	Unit Model	Unit connections		Weight	Sound Power Level	Dimensions			Drawing No.
		Suction	Liquid	kg	dBA	L mm	W mm	H mm	
3508116	PASS4524Z-1	5/8"	3/8"	80	71	913	416	638	1
3508117	PAS4530Z-3	7/8"	1/2"	82	73	913	416	792	2
3508118	PAS4548Z-3	7/8"	1/2"	83	73	913	416	792	2
3508119	PAS4560Z-3	7/8"	1/2"	110	73	913	416	1149	3
3508120	PAS4572Z-3	7/8"	1/2"	112	74	913	416	1149	3
3508121	PAS4584Z-3	7/8"	1/2"	140	75	913	416	1271	4
3508122	PAS4596Z-3	1-1/8"	1/2"	140	75	913	416	1271	4
3508123	PAS4611Z-3	1-1/8"	1/2"	140	75	913	416	1271	4
3508124	PAS4612Z-3	1-1/8"	1/2"	141	75	913	416	1271	4
3508125	PAS4614Z-3	1-1/8"	5/8"	178	79	1715	520	1290	5

Medium temperature applications – R404A/R448A/R452A/R134a/R513A

Capacities

Product Code	Model Number	Ambient Temperature: °C	Capacity: Watts														
			Evaporating Temperature: °C														
			R404A					R448A					R452A				
			-15	-10	-5	0	5	-15	-10	-5	0	5	-15	-10	-5	0	5
3508116	PAS4524Z-1	30	3627	4331	5129	6027	7031	3554	4263	5077	6007	7061	3520	4253	5090	6036	7094
		32	3543	4225	4999	5871	6843	3475	4169	4963	5869	6899	3430	4145	4960	5881	6911
		38	3279	3900	4600	5388	6269	3220	3867	4605	5446	6401	3150	3813	4564	5410	6356
		43	3044	3611	4250	4968	5772	2982	3593	4287	5076	5972	2902	3522	4221	5006	5883
3508117	PAS4530Z-3	30	4366	5221	6194	7294	8526	4275	5135	6124	7256	8546	4240	5129	6148	7304	8602
		32	4265	5095	6040	7106	8302	4182	5022	5988	7093	8352	4133	5001	5994	7120	8383
		38	3953	4709	5566	6533	7617	3882	4667	5564	6590	7759	3801	4607	5523	6558	7720
		43	3675	4368	5151	6034	7026	3601	4344	5189	6152	7250	3507	4262	5116	6078	7156
3508118	PAS4548Z-3	30	6862	8145	9581	11175	12929	6736	8044	9527	11201	13077	4508	5539	6704	8002	9432
		32	6696	7940	9331	10874	12571	6578	7856	9302	10934	12765	4353	5350	6477	7736	9124
		38	6178	7303	8554	9941	11469	6067	7257	8598	10109	11804	3896	4795	5815	6957	8221
		43	5711	6734	7869	9125	10510	5587	6710	7968	9383	10969	3532	4352	5285	6332	7496
3508119	PAS4560Z-3	30	8579	10219	12070	14143	16443	8411	10072	11969	14125	16559	6347	7812	9466	11312	13349
		32	8377	9968	11763	13772	16001	8222	9845	11696	13799	16174	6124	7541	9140	10925	12898
		38	7748	9193	10815	12629	14644	7609	9124	10842	12792	14996	5473	6748	8187	9795	11575
		43	7185	8505	9982	11632	13468	7035	8466	10082	11911	13978	4956	6117	7426	8891	10514
3508120	PAS4572Z-3	30	10046	11932	14045	16395	18982	9860	11780	13959	16422	19185	7904	9676	11665	13869	16284
		32	9806	11634	13680	15954	18460	9632	11507	13632	16034	18729	7647	9364	11291	13427	15768
		38	9052	10706	12550	14596	16852	8889	10636	12608	14832	17329	6880	8434	10178	12112	14236
		43	8373	9879	11552	13407	15455	8192	9842	11693	13776	16115	6257	7677	9270	11038	12984
3508121	PAS4584Z-3	30	9734	11777	13988	16362	18891	9760	11941	14427	17232	20368	9386	11442	13683	16096	18670
		32	9390	11369	13509	15807	18256	9446	11571	13997	16739	19808	9031	11020	13188	15523	18015
		38	8357	10145	12076	14146	16354	8522	10483	12731	15283	18155	7974	9769	11723	13829	16079
		43	7499	9129	10885	12767	14776	7779	9604	11705	14103	16813	7114	8753	10535	12455	14509
3508122	PAS4596Z-3	30	12350	14555	16984	19634	22499	12142	14421	16971	19809	22947	10789	13060	15552	18246	21120
		32	12037	14170	16515	19072	21837	11836	14060	16544	19308	22365	10400	12592	14999	17602	20380
		38	11047	12959	15050	17328	19793	10839	12903	15198	17746	20565	9244	11207	13363	15697	18195
		43	10146	11871	13749	15792	18007	9902	11843	13988	16364	18990	8304	10082	12035	14151	16420
3508123	PAS4611Z-3	30	15692	18620	21897	25532	29526	15405	18392	21777	25595	29873	13275	16157	19367	22894	26725
		32	15313	18152	21325	24841	28707	15044	17961	21263	24986	29159	12820	15607	18713	22128	25839
		38	14128	16694	19548	22709	26188	13873	16590	19651	23098	26962	11459	13969	16767	19850	23209
		43	13058	15393	17980	20842	23996	12774	15338	18211	21438	25055	10338	12624	15174	17987	21058
3508124	PAS4612Z-3	30	17469	20677	24245	28179	32476	17160	20448	24156	28318	32957	15048	18239	21780	25653	29837
		32	17040	20147	23599	27402	31556	16748	19957	23572	27629	32152	14530	17615	21037	24781	28828
		38	15692	18492	21588	24995	28721	15405	18392	21739	25489	29672	12985	15757	18829	22193	25835
		43	14471	17011	19808	22882	26250	14145	16959	20097	23603	27512	11720	14238	17026	20079	23389
3508125	PAS4614Z-3	30	20720	24677	29143	34140	39683	20317	24326	28902	34102	39970	19007	23323	28166	33529	39403
		32	20233	24073	28402	33244	38615	19860	23777	28242	33314	39041	18310	22498	27202	32418	38136
		38	18714	22199	26111	30483	35339	18378	22033	26179	30882	36195	16237	20050	24348	29130	34392
		43	17351	20536	24098	28075	32498	16990	20444	24342	28753	33735	14554	18064	22032	26463	31355

COMPAC scroll.

Capacities

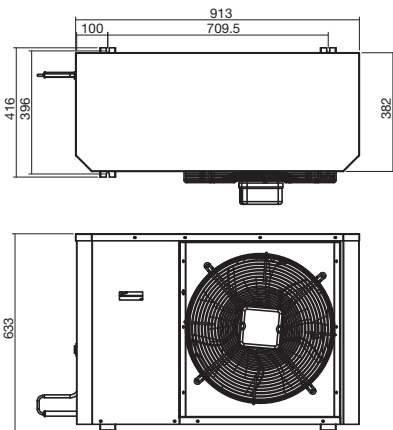
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			Evaporating Temperature: °C											
			R134a						R513A					
			-15	-10	-5	0	5	10	-15	-10	-5	0	5	10
3508116	PASS4524Z-1	30	1940	2429	3012	3685	4442	5277	2122	2625	3216	3890	4642	5466
		32	1898	2381	2957	3622	4370	5194	2073	2568	3150	3815	4557	5369
		38	1769	2230	2782	3418	4134	4923	1921	2386	2938	3570	4277	5053
		43	1662	2100	2626	3235	3920	4677	1795	2229	2749	3349	4022	4762
3508117	PAS4530Z-3	30	2325	2912	3614	4423	5334	6340	2546	3150	3862	4674	5580	6574
		32	2276	2856	3549	4348	5249	6242	2487	3082	3784	4585	5479	6461
		38	2123	2676	3340	4107	4971	5924	2306	2867	3532	4295	5149	6089
		43	1994	2521	3155	3889	4717	5633	2155	2680	3308	4033	4848	5745
3508118	PAS4548Z-3	30	3720	4651	5758	7030	8452	10012	4060	5012	6127	7394	8798	10329
		32	3639	4557	5649	6903	8306	9843	3964	4899	5996	7242	8625	10132
		38	3390	4262	5303	6498	7835	9299	3670	4545	5578	6756	8066	9495
		43	3184	4010	4999	6139	7414	8812	3429	4242	5212	6324	7565	8922
3508119	PAS4560Z-3	30	4610	5768	7149	8739	10523	12486	5039	6228	7624	9213	10981	12914
		32	4510	5654	7017	8587	10347	12284	4922	6091	7465	9031	10773	12679
		38	4204	5294	6596	8096	9780	11631	4560	5658	6957	8442	10099	11914
		43	3950	4984	6225	7658	9268	11040	4261	5285	6508	7915	9490	11219
3508120	PAS4572Z-3	30	5438	6800	8420	10282	12365	14650	5937	7330	8963	10818	12877	15121
		32	5319	6663	8261	10097	12152	14405	5797	7166	8772	10597	12624	14834
		38	4956	6233	7757	9508	11467	13615	5368	6650	8163	9890	11811	13909
		43	4655	5865	7314	8984	10854	12905	5015	6208	7630	9261	11082	13075
3508121	PAS4584Z-3	30	6054	7561	9349	11397	13678	16170	6597	8132	9925	11955	14199	16634
		32	5920	7405	9167	11184	13432	15885	6439	7944	9706	11701	13907	16301
		38	5512	6920	8594	10512	12647	14976	5958	7362	9015	10894	12976	15238
		43	5176	6507	8096	9918	11951	14167	5565	6868	8415	10184	12149	14290
3508122	PAS4596Z-3	30	6814	8503	10503	12786	15323	18084	7416	9129	11128	13383	15869	18557
		32	6661	8325	10294	12542	15039	17754	7236	8916	10877	13091	15533	18173
		38	6200	7773	9641	11773	14139	16710	6692	8254	10090	12170	14466	16953
		43	5822	7306	9075	11098	13345	15787	6251	7696	9410	11363	13526	15873
3508123	PAS4611Z-3	30	8512	10641	13174	16080	19331	22895	9290	11466	14016	16909	20119	23615
		32	8326	10425	12923	15790	18995	22507	9070	11207	13714	16562	19721	23163
		38	7756	9751	12130	14863	17917	21262	8398	10397	12758	15449	18441	21704
		43	7285	9174	11436	14040	16953	20145	7845	9705	11921	14461	17295	20393
3508124	PAS4612Z-3	30	9535	11913	14736	17970	21579	25524	10396	12819	15654	18865	22417	26278
		32	9325	11668	14451	17639	21194	25079	10148	12526	15311	18467	21961	25758
		38	8683	10907	13553	16585	19966	23658	9391	11611	14227	17204	20504	24095
		43	8156	10257	12769	15654	18874	22391	8772	10834	13285	16088	19208	22609
3508125	PAS4614Z-3	30	11465	14525	18071	22123	26700	31817	11511	14581	18139	22205	26800	31939
		32	11107	14110	17590	21569	26065	31094	11154	14166	17659	21653	26167	31219
		38	10047	12873	16153	19910	24163	28928	10094	12931	16225	19999	24272	29063
		43	9179	11855	14966	18535	22582	27125	9227	11915	15041	18628	22698	27269

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

Dimensional Drawings

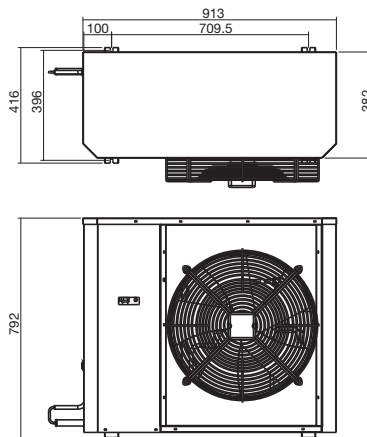
COMPAC Scroll (Small)

Drawing 1



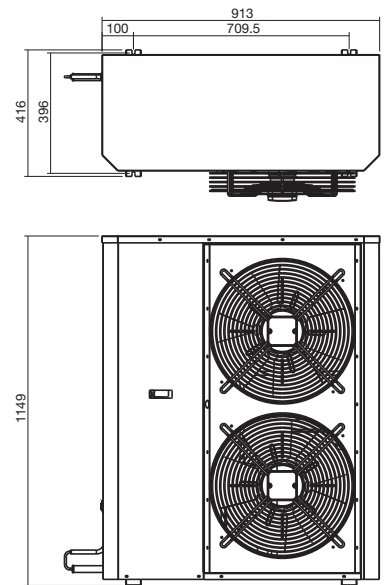
COMPAC Scroll (Medium)

Drawing 2



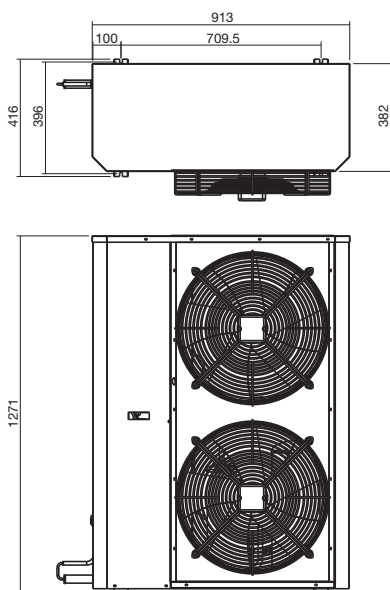
COMPAC Scroll (Large)

Drawing 3



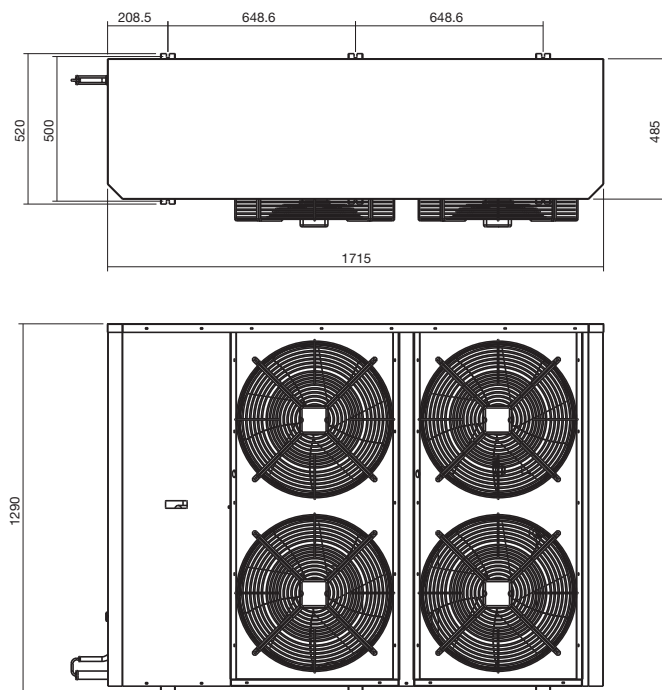
COMPAC Scroll (X Large)

Drawing 4



COMPAC Scroll (XX Large)

Drawing 5



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