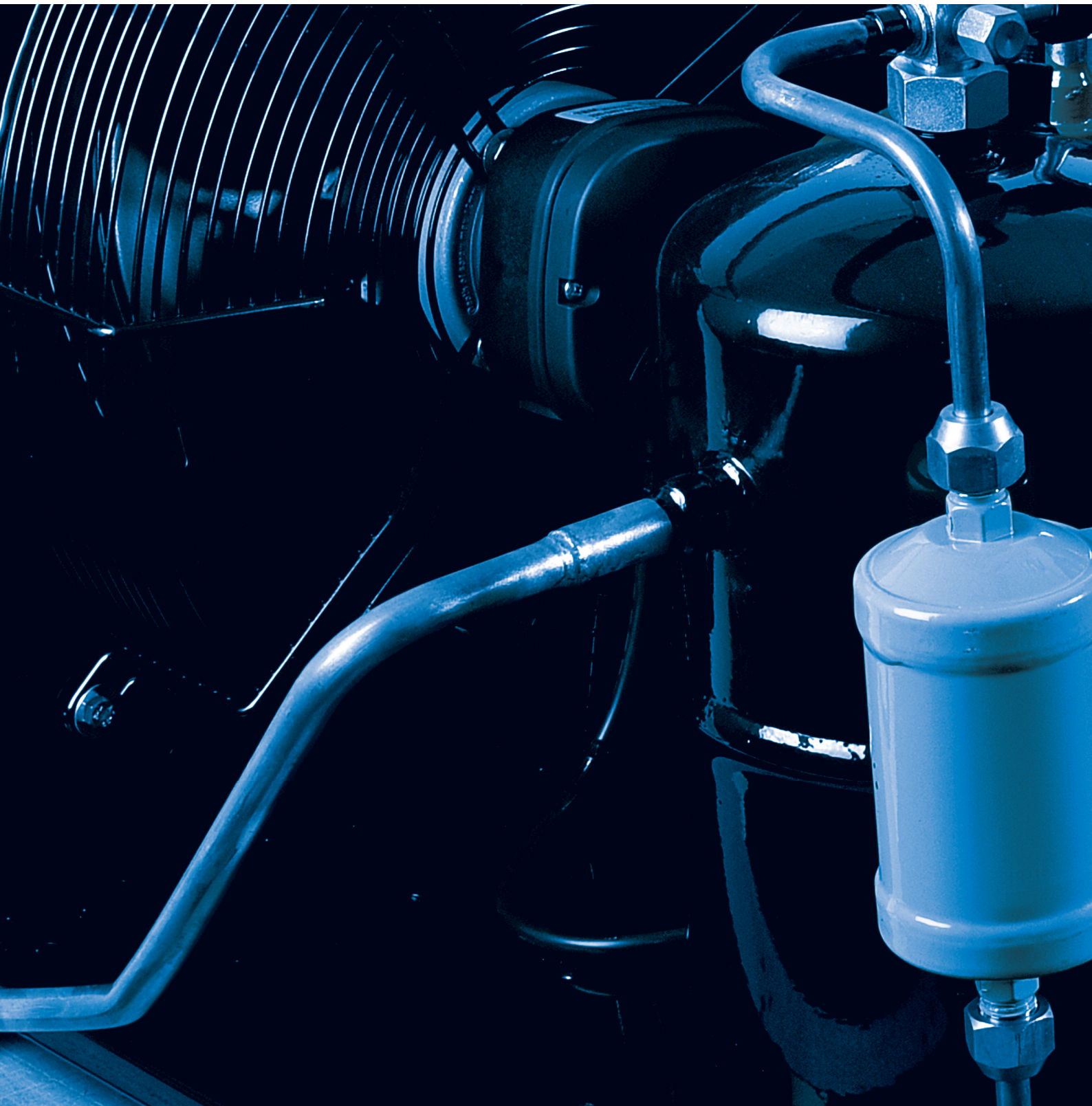


EVO-Semi Range Extension



EVO Semi Hermetic

This range of Tecumseh semi-hermetic condensing units is fully fitted and wired to make installation fast and efficient. EVO Semi has been designed to operate efficiently in both the hot and cold extremes of the Australian environment. The range is designed for R134a, R404A, R407F and R507 and can be applied in both low and medium temperature applications.



Features:

- High ambient temperature capability up to 43°C
- Suction accumulator
- Carel fan speed control
- Automatic reset HP/LP control
- Liquid line with filter drier and moisture indicator
- Oil separator
- Ebm condenser fans
- Fully Wired including circuit breakers, contactor, electronic overload and spare DIN rail in an enclosure
- Tecumseh semi-hermetic compressor with electronic protection module
- Weathershield covers are optional

1.7kW — 11.3kW

Selection Data

Product Code	Model No.	Compressor									Liquid Receiver Capacity kg @ 80%	Connections	
							Fan					Suct inches	Liq inches
		Model No.	Displacement m³/hr	Nominal HP	MOC Amps	Volts Phase	No. Dia: mm	MOC: Amps	Air Flow m³/hr	Volts Phase			
3506011	SHT4521ZHR-TZ	SH4521ZYZ	5.47	2	3.6	400V/50Hz/3	2 x 400	1.46	8470	220-240V/50Hz/1	6.0	5/8"	1/2"
3506015	SHT4526ZHR-TZ	SH4526ZYZ	6.91	2.2	4.5	400V/50Hz/3	2 x 400	1.46	8470	220-240V/50Hz/1	6.0	5/8"	1/2"
3506012	SHT4536ZHR-TZ	SH4536ZYZ	9.88	3	6.7	400V/50Hz/3	2 x 400	1.46	8470	220-240V/50Hz/1	6.0	3/4"	1/2"
3506013	SHT4550ZHR-TZ	SH4550ZYZ	13.15	4	8.8	400V/50Hz/3	2 x 400	1.46	8470	220-240V/50Hz/1	9.5	1-1/8"	1/2"
3506014	SHT4564ZHR-TZ	SH4564ZYZ	16.40	5	11.6	400V/50Hz/3	2 x 400	1.46	8470	220-240V/50Hz/1	9.5	1-1/8"	1/2"
2707551	SHT4576ZHR	SH4576ZYZ	21.18	6	11.6	400V/50Hz/3	2 x 500	6.00	11530	220-240V/50Hz/1	12.0	1-1/8"	5/8"
2707552	SHT4591ZHR	SH4591ZYZ	24.69	7	12.7	400V/50Hz/3	2 x 500	6.00	11530	220-240V/50Hz/1	12.0	1-1/8"	5/8"
2707553	SHT4610ZHR	SH4610ZYZ	28.02	8	17.6	400V/50Hz/3	2 x 500	6.00	11530	220-240V/50Hz/1	12.0	1-3/8"	5/8"
2707554	SHT4612ZHR	SH4612ZYZ	32.66	9	20.0	400V/50Hz/3	2 x 500	6.00	11530	220-240V/50Hz/1	12.0	1-3/8"	5/8"
2707555	SHT4615ZHR	SH4615ZMZ	41.32	12	22.4	400V/50Hz/3	3 X 500	9.00	17295	220-240V/50Hz/1	17.2	1-3/8"	7/8"
2707556	SHT4620ZHR	SH4620ZMZ	51.50	15	32.4	400V/50Hz/3	3 X 500	9.00	17295	220-240V/50Hz/1	17.2	1-3/8"	7/8"

Physical Data

Product Code	Model No.	Dimensions				
		Nett Weight kg	Sound Power Level dBA	Length mm	Width mm	Height mm
3506011	SHT4521ZHR-TZ	106	64	1072	631	568
3506015	SHT4526ZHR-TZ	106	66	1072	631	568
3506012	SHT4536ZHR-TZ	112	68	1072	631	568
3506013	SHT4550ZHR-TZ	125	68	1060	690	673
3506014	SHT4564ZHR-TZ	131	70	1060	690	673
2707551	SHT4576ZHR	177	76	1600	890	936
2707552	SHT4591ZHR	177	76	1600	890	936
2707553	SHT4610ZHR	182	76	1600	890	936
2707554	SHT4612ZHR	186	76	1600	890	936
2707555	SHT4615ZHR	232	77	1880	1100	840
2707556	SHT4620ZHR	238	78	1880	1100	840

Please see actrol.com.au for unit drawings and wiring diagrams

Capacity Data

R404A

Low and Medium Temperature Applications

Model No.	Ambient Temperature °C	R404A Capacity: Watts Evaporating Temperature: °C										
		-40	-35	-30	-25	-20	-15	-10	-5	0	5	7.5
SHT4521ZHR-TZ	32	540	797	1125	1523	1981	2505	3102	3770	4504	5304	5835
	35	488	733	1045	1424	1857	2356	2921	3550	4250	5012	5517
	38	438	670	965	1323	1734	2205	2738	3337	3997	4719	5194
	43	356	567	834	1160	1530	1956	2445	2978	3582	4242	4676
SHT4526ZHR-TZ	32	801	1126	1527	2001	2560	3209	3952	4790	5723	6743	7405
	35	751	1059	1439	1889	2419	3034	3741	4540	5427	6412	7043
	38	701	993	1352	1776	2280	2862	3530	4292	5140	6080	6680
	43	609	876	1208	1588	2045	2576	3188	3877	4662	5529	6078
SHT4536ZHR-TZ	32	1216	1654	2177	2792	3502	4308	5219	6219	7315	8501	9312
	35	1148	1567	2064	2650	3324	4091	4952	5900	6953	8081	8853
	38	1083	1482	1957	2511	3150	3874	4692	5594	6579	7668	8403
	43	-	1352	1785	2290	2866	3521	4269	5084	5983	6969	7595
SHT4550ZHR-TZ	32	-	-	3015	3947	5019	6226	7594	9120	10801	12654	13774
	35	-	-	2834	3730	4753	5907	7209	8656	10254	12005	13026
	38	-	-	2660	3524	4496	5599	6827	8192	9708	11385	12356
	43	-	-	2382	3193	4089	5089	6215	7454	8821	10346	11233
SHT4564ZHR-TZ	32	-	-	3868	5011	6311	7781	9435	11266	13290	15471	16762
	35	-	-	3665	4760	6006	7411	8988	10735	12651	14719	15969
	38	-	-	3458	4515	5700	7039	8540	10194	12005	13977	15195
	43	-	-	3129	4111	5205	6429	7790	9298	10932	12738	13805
SHT4576ZHR	32	-	-	4560	6108	7873	9843	12034	14451	17091	19935	21652
	35	-	-	4248	5734	7421	9299	11398	13677	16188	18916	20549
	38	-	-	3926	5358	6970	8758	10738	12919	15303	17879	19433
	43	-	-	3384	4725	6202	7849	9661	11638	13814	16170	17596
SHT4591ZHR	32	3155	4317	5694	7358	9308	11538	14073	16929	20107	23589	25894
	35	2897	4021	5371	6962	8818	10936	13359	16048	19067	22406	24585
	38	2643	3766	5036	6565	8330	10340	12620	15187	18051	21203	23267
	43	2241	3276	4471	5895	7499	9340	11415	13734	16343	19224	21112
SHT4610ZHR	32	-	-	6680	8587	10751	13202	15939	18958	22286	25890	28055
	35	-	-	6323	8140	10201	12534	15135	18008	21172	24553	26581
	38	-	-	5951	7694	9655	11859	14328	17034	20020	23268	25194
	43	-	-	5342	6937	8729	10729	12977	15442	18141	21093	22845
SHT4612ZHR	32	-	-	7752	9863	12279	14994	18042	21395	25046	28978	31338
	35	-	-	7323	9349	11646	14245	17120	20282	23721	27452	29665
	38	-	-	6887	8829	11020	13476	16206	19206	22446	25937	28056
	43	-	-	6164	7952	9972	12208	14649	17365	20286	23445	25367
SHT4615ZHR	32	-	-	9016	11653	14678	18071	21884	26054	30596	35551	38512
	35	-	-	8434	10945	13829	17075	20698	24699	29042	33749	36564
	38	-	-	7860	10251	12984	16081	19528	23312	27492	31971	34658
	43	-	-	6934	9106	11602	14442	17604	21071	24892	29020	31479
SHT4620ZHR	32	6597	9443	12516	15828	19467	23452	27805	32465	37577	42961	47002
	35	5925	8789	11791	15021	18514	22308	26438	30917	35677	40772	44656
	38	5266	8100	11064	14199	17552	21175	25066	29308	33814	38558	42259
	43	-	-	9830	12813	15952	19253	22839	26599	30714	33036	35617

Requires head cooling fan to cool the compressor

Capacity Rating Basis: EN13215 ratings,
Return gas 20°C, Superheat 15k, Subcooling 3k
*MOC: Maximum Operating Current.

R448A

Low and Medium Temperature Applications

Model No.	Ambient Temperature	R448 A Capacity: Watts Evaporating Temperature: °C										
		°C	-40	-35	-30	-25	-20	-15	-10	-5	0	5
SHT4521ZHR-TZ	32	381	638	942	1308	1736	2234	2813	3484	4248	5110	5637
	35	333	584	879	1231	1641	2119	2672	3313	4040	4866	5372
	38	283	529	813	1151	1546	2001	2529	3138	3838	4626	5111
	43	196	432	700	1014	1381	1801	2287	2848	3493	4228	4678
SHT4526ZHR-TZ	32	538	864	1253	1707	2235	2852	3569	4386	5311	6347	6994
	35	477	797	1174	1611	2116	2708	3390	4171	5056	6051	6672
	38	414	727	1091	1514	1997	2559	3210	3957	4806	5756	6352
	43	-	604	948	1344	1791	2307	2905	3598	4374	5251	5769
SHT4536ZHR-TZ	32	817	1284	1818	2445	3175	4020	4987	6075	7291	8626	9496
	35	734	1192	1711	2313	3012	3820	4740	5781	6941	8219	9053
	38	646	1095	1601	2177	2846	3615	4496	5488	6588	7810	8608
	43	487	922	1405	1948	2560	3268	4080	4994	6011	7133	7873
SHT4550ZHR-TZ	32	1325	1985	2762	3652	4686	5905	7311	8927	10766	12843	14125
	35	1219	1861	2612	3471	4470	5636	6988	8546	10324	12326	13562
	38	1112	1736	2460	3289	4243	5367	6662	8163	9872	11812	13003
	43	931	1524	2204	2979	3868	4915	6126	7517	9128	10935	12049
SHT4564ZHR-TZ	32	1802	2633	3566	4643	5900	7371	9071	11017	13235	15735	17285
	35	1669	2476	3378	4413	5621	7038	8668	10557	12688	15104	16599
	38	1538	2319	3190	4185	5345	6701	8273	10082	12160	14477	15917
	43	1325	2062	2880	3806	4888	6146	7615	9309	11247	13444	14793
SHT4576ZHR	32	2205	3259	4486	5888	7539	9476	11727	14346	17358	20773	22838
	35	2034	3054	4235	5586	7168	9029	11194	13723	16619	19932	21923
	38	1866	2851	3987	5286	6802	8588	10671	13099	15905	19088	21004
	43	1596	2523	3582	4792	6199	7846	9802	12076	14717	17711	19504
SHT4591ZHR	32	2563	3794	5235	6882	8820	11087	13713	16757	20245	24187	26591
	35	2371	3563	4950	6540	8398	10579	13107	16048	19403	23230	25549
	38	2180	3332	4668	6197	7979	10074	12507	15331	18585	22260	24494
	43	1874	2956	4200	5625	7280	9212	11499	14145	17207	20665	22754
SHT4610ZHR	32	2842	4248	5833	7664	9805	12299	15189	18495	22239	26465	29092
	35	2623	3983	5512	7270	9326	11722	14493	17681	21288	25365	27894
	38	2407	3720	5193	6880	8849	11140	13807	16854	20344	24266	26697
	43	2058	3288	4663	6225	8054	10179	12661	15495	18755	22443	24710
SHT4612ZHR	32	3591	5194	7009	9125	11584	14455	17731	21477	25725	30434	33419
	35	3353	4909	6649	8690	11051	13796	16950	20556	24628	29171	32042
	38	3116	4624	6305	8257	10522	13148	16185	19639	23529	27914	30671
	43	2720	4144	5712	7523	9620	12066	14858	18077	21690	25789	28354
SHT4615ZHR	32	4120	6137	8375	10991	14036	17588	21688	26342	31642	37539	41254
	35	3785	5748	7916	10418	13340	16754	20681	25153	30255	35959	39536
	38	3448	5367	7460	9856	12659	15909	19685	23987	28850	34339	37773
	43	2879	4733	6683	8928	11523	14528	18040	22042	26604	31765	34977
SHT4620ZHR	32	4497	6883	9585	12739	16384	20616	25432	30878	36971	43667	48021
	35	4044	6392	8990	12006	15503	19545	24147	29336	35194	41660	45842
	38	3592	5891	8399	11282	14622	18478	22884	27865	33441	39602	43605
	43	2838	5057	7407	10075	13167	16692	20777	25374	30552	36261	39977

☐ Requires head cooling fan to cool the compressor

Capacity Rating Basis: EN13215 ratings,
Return gas 20°C, Superheat 15k, Subcooling 3k
*MOC: Maximum Operating Current.

R449A

Low and Medium Temperature Applications

Model No.	Ambient Temperature °C	R449A Capacity: Watts Evaporating Temperature: °C										
		-40	-35	-30	-25	-20	-15	-10	-5	0	5	7.5
SHT4521ZHR-TZ	32	381	498	765	1087	1476	1922	2443	3050	3744	4535	4999
	35	228	446	704	1013	1386	1815	2312	2891	3555	4314	4770
	38	180	394	642	938	1293	1703	2180	2732	3367	4091	4528
	43	-	303	536	810	1137	1515	1956	2465	3046	3718	4099
SHT4526ZHR-TZ	32	537	862	1250	1702	2227	2841	3554	4366	5289	6318	6962
	35	477	795	1171	1606	2108	2698	3375	4156	5035	6022	6640
	38	413	725	1088	1509	1989	2548	3195	3941	4779	5726	6318
	43	302	602	945	1339	1784	2297	2896	3578	4357	5228	5777
SHT4536ZHR-TZ	32	816	1281	1814	2438	3165	4005	4965	6052	7252	8585	9450
	35	733	1190	1706	2306	3001	3804	4724	5759	6902	8187	9017
	38	644	1092	1596	2170	2836	3600	4474	5459	6557	7776	8570
	43	485	919	1400	1936	2549	3253	4059	4966	5974	7085	7820
SHT4550ZHR-TZ	32	1323	1981	2755	3641	4671	5883	7281	8885	10721	12782	14057
	35	1217	1857	2604	3460	4454	5613	6958	8504	10269	12253	13481
	38	1110	1731	2453	3278	4231	5345	6638	8122	9816	11739	12922
	43	928	1519	2196	2968	3852	4892	6095	7487	9073	10880	11988
SHT4564ZHR-TZ	32	1799	2628	3557	4629	5880	7343	9032	10973	13178	15656	17198
	35	1666	2470	3369	4399	5601	7009	8637	10504	12629	15041	16529
	38	1535	2313	3181	4171	5325	6673	8234	10039	12089	14410	15843
	43	1322	2056	2870	3792	4868	6118	7576	9257	11194	13375	14706
SHT4576ZHR	32	2202	3251	4475	5871	7514	9441	11689	14279	17268	20655	22707
	35	2030	3046	4224	5569	7143	8993	11156	13655	16529	19814	21792
	38	1862	2843	3975	5268	6777	8552	10621	13032	15815	18988	20893
	43	1592	2515	3570	4774	6174	7824	9769	12009	14629	17595	19375
SHT4591ZHR	32	2559	3785	5222	6862	8791	11046	13668	16679	20140	24050	26439
	35	2365	3553	4937	6519	8369	10536	13062	15969	19299	23092	25398
	38	2176	3323	4653	6176	7950	10032	12448	15253	18480	22144	24365
	43	1869	2947	4186	5604	7251	9187	11460	14066	17105	20530	22605
SHT4610ZHR	32	2838	4239	5818	7641	9772	12251	15123	18406	22143	26310	28920
	35	2618	3973	5497	7247	9292	11674	14427	17592	21190	25210	27722
	38	2402	3710	5177	6856	8816	11093	13742	16782	20246	24136	26553
	43	2052	3278	4647	6202	8020	10133	12597	15434	18669	22327	24582
SHT4612ZHR	32	3585	5183	6990	9097	11544	14399	17672	21394	25584	30251	33216
	35	3347	4897	6630	8662	11010	13739	16891	20460	24488	28988	31839
	38	3110	4611	6285	8228	10481	13091	16107	19533	23409	27733	30471
	43	2714	4131	5693	7495	9579	12010	14781	17973	21593	25611	28157
SHT4615ZHR	32	4114	6124	8352	10958	13987	17519	21591	26241	31502	37351	41046
	35	3778	5734	7893	10384	13291	16684	20584	25048	30111	35731	39283
	38	3441	5353	7437	9822	12610	15840	19590	23878	28737	34183	37601
	43	2871	4718	6659	8894	11475	14460	17946	21915	26434	31543	34731
SHT4620ZHR	32	4490	6867	9559	12699	16326	20533	25316	30720	36760	43390	47714
	35	4036	6376	8964	11967	15445	19463	24032	29213	34986	41386	45538
	38	3585	5875	8372	11242	14564	18396	22770	27710	33235	39426	43410
	43	2931	5041	7381	10036	13111	16651	20667	25224	30351	36077	39773

Requires head cooling fan to cool the compressor

Capacity Rating Basis: EN13215 ratings,
Return gas 20°C, Superheat 15k, Subcooling 3k
*MOC: Maximum Operating Current.

R134a

Low and Medium Temperature Applications

Model No.	Ambient Temperature °C	R134a Capacity: Watts Evaporating Temperature: °C											
		-40	-35	-30	-25	-20	-15	-10	-5	0	5	10	12.5
SHT4521ZHR-TZ	32	-	-	358	598	884	1225	1629	2089	2620	3222	3580	3983
	35	-	-	321	556	835	1166	1558	2004	2516	3105	3453	3845
	38	-	-	287	517	788	1110	1489	1922	2419	2987	3325	3705
	43	-	-	236	458	717	1021	1380	1790	2259	2796	3116	3476
SHT4526ZHR-TZ	32	-	-	682	981	1340	1762	2251	2818	3466	4211	4652	5148
	35	-	-	628	922	1272	1683	2159	2706	3341	4061	4490	4973
	38	-	-	576	864	1205	1605	2065	2596	3209	3914	4331	4800
	43	-	-	493	772	1098	1481	1914	2419	2998	3661	4057	4503
SHT4536ZHR-TZ	32	-	-	1099	1509	2005	2601	3294	4100	5011	6024	6640	7333
	35	-	-	1027	1426	1908	2482	3153	3929	4812	5795	6391	7062
	38	-	-	955	1343	1811	2363	3018	3765	4608	5562	6138	6786
	43	-	-	836	1206	1649	2173	2785	3488	4283	5175	5717	6327
SHT4550ZHR-TZ	32	-	-	-	-	2664	3467	4417	5553	6882	8398	9115	9921
	35	-	-	-	-	2523	3299	4218	5319	6597	8068	8761	9541
	38	-	-	-	-	2384	3133	4019	5084	6321	7738	8407	9160
	43	-	-	-	-	2157	2858	3692	4681	5848	7180	7808	8514
SHT4564ZHR-TZ	32	-	-	-	-	3472	4438	5571	6902	8412	10132	10965	11902
	35	-	-	-	-	3315	4245	5343	6622	8093	9750	10554	11459
	38	-	-	-	-	3160	4056	5125	6356	7770	9373	10150	11024
	43	-	-	-	-	2907	3758	4756	5910	7244	8740	9469	10289
SHT4576ZHR	32	-	-	-	-	3897	5215	6780	8634	10813	13290	14464	15785
	35	-	-	-	-	3669	4947	6466	8266	10359	12782	13921	15203
	38	-	-	-	-	3442	4679	6151	7897	9929	12256	13358	14598
	43	-	-	-	-	3070	4235	5626	7280	9186	11400	12441	13612
SHT4591ZHR	32	-	-	3214	4142	5259	6859	8556	10834	13365	16128	17742	19558
	35	-	-	3013	3936	5012	6684	8221	10437	12862	15556	17123	18887
	38	-	-	2785	3693	4604	6233	7987	10042	12392	14966	16489	18202
	43	-	-	2450	3348	4233	5691	7328	9382	11582	14017	15463	17090
SHT4610ZHR	32	-	-	-	-	5474	7105	9074	11390	14068	17136	18594	20234
	35	-	-	-	-	5219	6796	8695	10925	13519	16492	17901	19486
	38	-	-	-	-	4955	6487	8315	10487	12985	15852	17214	18746
	43	-	-	-	-	4517	5968	7699	9730	12078	14758	16038	17478
SHT4612ZHR	32	-	-	-	-	6521	8447	10725	13367	16395	19791	21450	23316
	35	-	-	-	-	6232	8097	10296	12856	15791	19085	20692	22500
	38	-	-	-	-	5943	7748	9894	12362	15167	18334	19883	21626
	43	-	-	-	-	5464	7185	9199	11519	14158	17111	18567	20205
SHT4615ZHR	32	-	-	4531	6306	8384	10872	13779	17116	20891	25145	27722	30621
	35	-	-	4185	5904	7937	10342	13151	16401	20061	24220	26724	29541
	38	-	-	3846	5509	7493	9814	12529	15671	19241	23242	25667	28395
	43	-	-	3304	4869	6755	8948	11534	14501	17877	21696	23995	26581
SHT4620ZHR	32	-	-	6188	8340	10854	13788	17207	21133	25590	30591	33641	37073
	35	-	-	5748	7889	10368	13240	16557	20353	24658	29484	32451	35789
	38	-	-	5306	7438	9879	12657	15887	19554	23705	28356	31237	34478
	43	-	-	4571	6706	9049	11727	14766	18235	22133	26533	29278	32366

Requires head cooling fan to cool the compressor

Capacity Rating Basis: EN13215 ratings,
Return gas 20°C, Superheat 15k, Subcooling 3k
*MOC: Maximum Operating Current.

R450A

Low and Medium Temperature Applications

Model No.	Ambient Temperature °C	R450A Capacity: Watts Evaporating Temperature: °C											
		-40	-35	-30	-25	-20	-15	-10	-5	0	5	10	12.5
SHT4521ZHR-TZ	32	-	-	304	508	743	1027	1359	1730	2148	2610	3115	3668
	35	-	-	273	473	701	977	1299	1659	2063	2515	3017	3571
	38	-	-	244	439	662	930	1242	1591	1984	2419	2900	3424
	43	-	-	201	389	602	856	1151	1482	1852	2265	2719	3213
SHT4526ZHR-TZ	32	-	-	580	834	1126	1477	1877	2333	2842	3411	4037	4718
	35	-	-	534	784	1068	1410	1801	2241	2740	3288	3894	4556
	38	-	-	490	734	1012	1345	1722	2149	2631	3170	3763	4412
	43	-	-	419	656	922	1241	1596	2003	2458	2965	3519	4122
SHT4536ZHR-TZ	32	-	-	934	1282	1684	2180	2747	3395	4109	4878	5722	6639
	35	-	-	873	1212	1603	2080	2630	3253	3946	4694	5512	6402
	38	-	-	812	1142	1521	1980	2517	3119	3779	4505	5300	6165
	43	-	-	711	1025	1385	1821	2323	2888	3512	4192	4934	5740
SHT4550ZHR-TZ	32	-	-	-	-	2238	2905	3684	4598	5643	6802	8045	9374
	35	-	-	-	-	2119	2765	3518	4404	5410	6535	7743	9035
	38	-	-	-	-	2003	2625	3352	4210	5183	6268	7431	8675
	43	-	-	-	-	1812	2395	3079	3876	4795	5816	6911	8083
SHT4564ZHR-TZ	32	-	-	-	-	2916	3719	4646	5715	6898	8207	9602	11086
	35	-	-	-	-	2785	3557	4456	5483	6636	7898	9242	10672
	38	-	-	-	-	2654	3399	4274	5263	6371	7592	8894	10279
	43	-	-	-	-	2442	3149	3967	4893	5940	7079	8293	9582
SHT4576ZHR	32	-	-	-	-	3273	4370	5655	7149	8867	10765	12799	14970
	35	-	-	-	-	3082	4146	5393	6844	8494	10353	12347	14477
	38	-	-	-	-	2891	3921	5130	6539	8142	9927	11841	13885
	43	-	-	-	-	2579	3549	4692	6028	7533	9234	11059	13010
SHT4591ZHR	32	-	-	2732	3521	4418	5748	7136	8971	10959	13063	15389	17938
	35	-	-	2561	3346	4210	5601	6856	8642	10547	12600	14867	17349
	38	-	-	2367	3139	3867	5223	6661	8315	10162	12122	14283	16646
	43	-	-	2083	2846	3556	4769	6112	7768	9497	11354	13395	15622
SHT4610ZHR	32	-	-	-	-	4598	5954	7568	9431	11536	13880	16391	19071
	35	-	-	-	-	4384	5695	7252	9046	11086	13359	15794	18394
	38	-	-	-	-	4162	5436	6935	8683	10648	12840	15188	17693
	43	-	-	-	-	3794	5001	6421	8056	9904	11954	14147	16484
SHT4612ZHR	32	-	-	-	-	5478	7079	8945	11068	13444	16030	18784	21705
	35	-	-	-	-	5235	6785	8587	10645	12948	15459	18131	20967
	38	-	-	-	-	4992	6493	8252	10236	12437	14851	17418	20142
	43	-	-	-	-	4590	6021	7672	9538	11610	13860	16249	18770
SHT4615ZHR	32	-	-	3851	5360	7043	9111	11492	14172	17131	20367	23894	27713
	35	-	-	3557	5018	6667	8667	10967	13580	16450	19618	23073	26816
	38	-	-	3269	4683	6294	8224	10450	12976	15778	18826	22149	25748
	43	-	-	2808	4139	5674	7498	9619	12008	14659	17574	20754	24203
SHT4620ZHR	32	-	-	5260	7089	9117	11554	14359	17499	20984	24779	28903	33359
	35	-	-	4886	6706	8709	11094	13809	16852	20220	23882	27854	32137
	38	-	-	4510	6322	8298	10608	13249	16194	19438	22968	26787	30896
	43	-	-	3885	5700	7601	9821	12311	15092	18149	21492	25091	28949

Requires head cooling fan to cool the compressor

Capacity Rating Basis: EN13215 ratings,
Return gas 20°C, Superheat 15k, Subcooling 3k
*MOC: Maximum Operating Current.

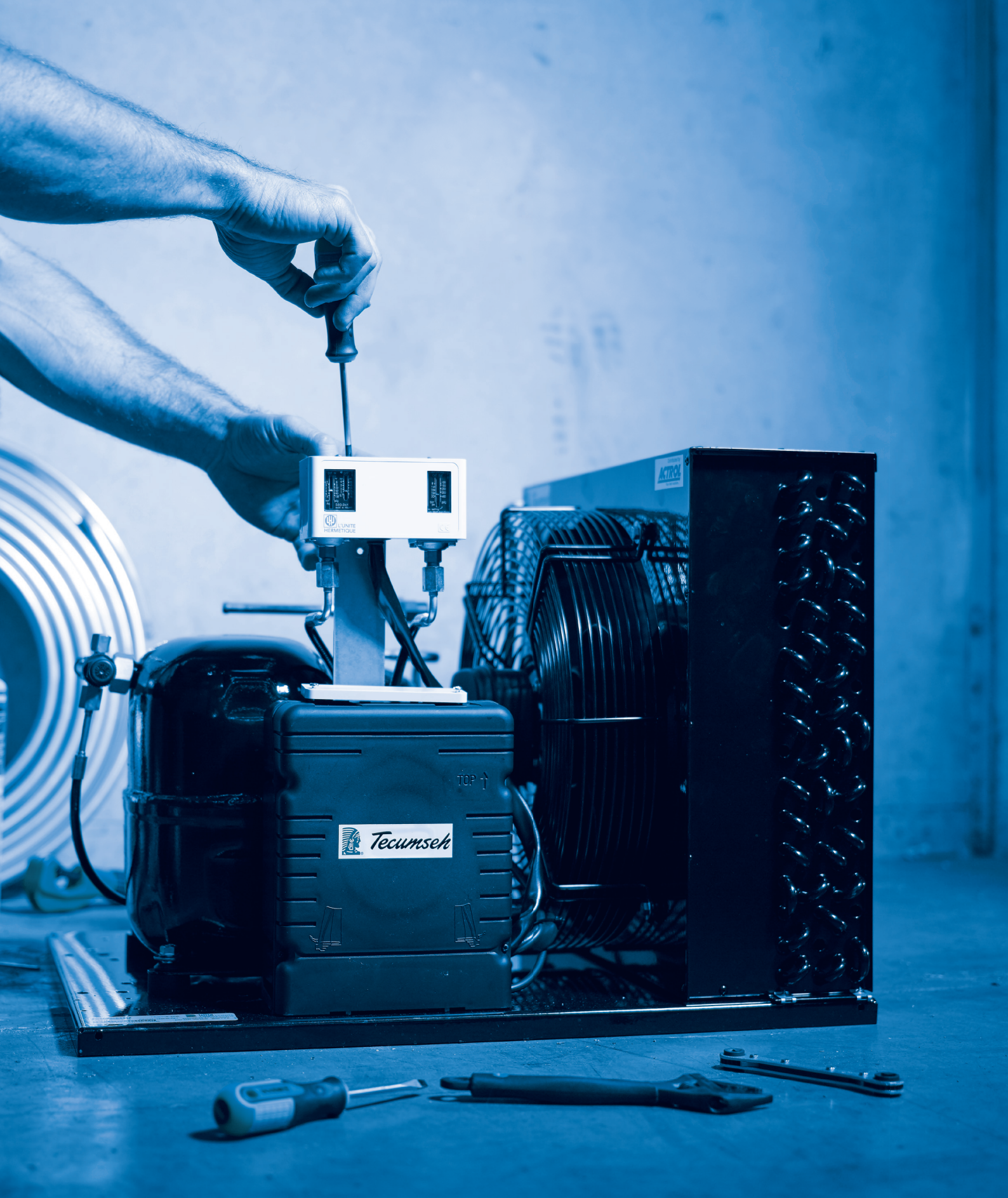
R513A

Low and Medium Temperature Applications

Model No.	Ambient Temperature °C	R513A Capacity: Watts Evaporating Temperature: °C											
		-40	-35	-30	-25	-20	-15	-10	-5	0	5	10	12.5
SHT4521ZHR-TZ	32	-	-	419	670	967	1319	1719	2171	2683	3259	3615	4012
	35	-	-	377	623	912	1253	1641	2077	2574	3132	3477	3824
	38	-	-	339	578	859	1189	1565	1986	2466	3007	3338	3672
	43	-	-	279	510	778	1090	1445	1841	2295	2803	3111	3422
SHT4526ZHR-TZ	32	-	-	793	1100	1464	1874	2350	2899	3520	4213	4676	5144
	35	-	-	732	1033	1389	1787	2249	2779	3380	4054	4500	4950
	38	-	-	673	967	1315	1701	2148	2661	3240	3893	4321	4753
	43	-	-	577	861	1193	1562	1985	2466	3016	3633	4033	4436
SHT4536ZHR-TZ	32	-	-	1272	1669	2151	2727	3389	4139	4969	5872	6906	7734
	35	-	-	1191	1577	2046	2597	3236	3958	4757	5627	6647	7444
	38	-	-	1109	1486	1936	2471	3084	3779	4549	5385	6384	7150
	43	-	-	971	1336	1760	2261	2836	3488	4210	4997	5946	6659
SHT4550ZHR-TZ	32	-	-	1758	2215	2810	3547	4427	5442	6594	7864	9480	10617
	35	-	-	1645	2085	2661	3368	4212	5193	6300	7533	9111	10205
	38	-	-	1535	1959	2512	3192	4003	4946	6013	7204	8743	9792
	43	-	-	1352	1755	2268	2907	3663	4541	5539	6649	8120	9095
SHT4564ZHR-TZ	32	-	-	2339	2978	3757	4693	5799	7067	8491	10075	11183	12302
	35	-	-	2201	2828	3579	4483	5550	6767	8141	9663	10726	11799
	38	-	-	2065	2678	3405	4279	5304	6477	7791	9251	10269	11295
	43	-	-	1843	2430	3123	3944	4898	6000	7228	8595	9540	10494
SHT4576ZHR	32	-	-	2399	3201	4256	5526	7051	8843	10892	13206	14659	16215
	35	-	-	2201	2979	4011	5233	6708	8443	10428	12663	14056	15462
	38	-	-	2007	2759	3759	4947	6373	8046	9963	12123	13457	14802
	43	-	-	1693	2399	3334	4465	5805	7371	9179	11216	12450	13695
SHT4591ZHR	32	-	-	3389	4181	5221	6874	8643	10939	13400	16070	17838	19621
	35	-	-	3193	4012	4932	6466	8243	10604	12805	15460	17161	18877
	38	-	-	2898	3749	4663	6134	7877	10074	12341	14856	16490	18139
	43	-	-	2569	3609	4197	5774	7276	9366	11496	13838	15360	16896
SHT4610ZHR	32	-	-	3520	4574	5869	7463	9344	11523	14009	16767	18611	20473
	35	-	-	3286	4319	5582	7117	8936	11041	13420	16092	17862	19648
	38	-	-	3052	4074	5295	6781	8531	10558	12851	15412	17107	18818
	43	-	-	2663	3662	4816	6220	7860	9751	11911	14299	15872	17459
SHT4612ZHR	32	-	-	4185	5427	6970	8823	10984	13444	16187	19168	21276	23404
	35	-	-	3927	5145	6650	8441	10524	12904	15543	18416	20442	22486
	38	-	-	3668	4864	6326	8065	10075	12357	14897	17664	19607	21568
	43	-	-	3234	4414	5801	7442	9332	11465	13828	16401	18205	20026
SHT4615ZHR	32	-	-	5231	6877	8893	11258	13999	17080	20498	24244	28831	31845
	35	-	-	4848	6451	8393	10687	13337	16321	19621	23235	27793	30722
	38	-	-	4479	6030	7910	10117	12679	15571	18762	22249	26694	29530
	43	-	-	3853	5350	7118	9209	11602	14336	17359	20674	24955	27644
SHT4620ZHR	32	-	-	6946	9029	11432	14213	17363	20899	24770	29018	34987	38555
	35	-	-	6477	8525	10889	13595	16645	20049	23789	27847	33749	37220
	38	-	-	6003	8032	10353	12975	15922	19201	22782	26711	32486	35857
	43	-	-	5218	7213	9454	11940	14735	17806	21174	24830	30449	33660

Requires head cooling fan to cool the compressor

Capacity Rating Basis: EN13215 ratings,
Return gas 20°C, Superheat 15k, Subcooling 3k
*MOC: Maximum Operating Current.



Actrol. Works for you.™

Call **1800 ACTROL** or visit www.actrol.com.au for your nearest branch.

The manufacturer/distributor reserves the right to vary specifications or delete models from their range without prior notification. The manufacturer/distributor takes no responsibility for printing errors. All dimensions are nominal only.



ACTROL™