

Receiver Units



Tecumseh

SHR Series – Low, Medium and High Temperature Applications



Product Code	Model Number	Condensing Temperature °C	Capacity (Q) Power Input (W)	Capacity Watts							
				Evaporating Temperature °C							
				R404A							
				-30	-25	-20	-15	-10	-5	0	5
3508077	SHR4521ZHR	30	Q	1264	1705	2235	2860	3586	4419	5364	6429
		30	W	746	836	921	995	1053	1090	1101	1082
		40	Q	994	1364	1810	2336	2950	3656	4461	5371
		40	W	763	873	982	1085	1178	1255	1311	1341
		50	Q	736	1036	1397	1824	2325	2904	3569	4324
		50	W	769	896	1027	1157	1282	1395	1492	1568
3508078	SHR4526ZHR	30	Q	1694	2246	2914	3708	4640	5724	6969	8389
		30	W	936	1046	1152	1249	1334	1403	1452	1477
		40	Q	1391	1851	2410	3080	3872	4797	5869	7100
		40	W	968	1099	1231	1360	1482	1592	1688	1765
		50	Q	1087	1466	1927	2481	3142	3922	4831	5884
		50	W	988	1136	1289	1445	1599	1747	1885	2009
3508079	SHR4536ZHR	30	Q	2442	3179	4060	5099	6311	7710	9311	11129
		30	W	1524	1695	1858	2007	2134	2231	2291	2307
		40	Q	2050	2675	3422	4304	5336	6534	7913	9487
		40	W	1593	1791	1991	2185	2367	2529	2664	2763
		50	Q	1702	2217	2831	3559	4415	5415	6574	7907
		50	W	1666	1884	2113	2346	2576	2795	2995	3171
3508080	SHR4550ZHR	30	Q	3359	4419	5668	7131	8833	10801	13061	15639
		30	W	1896	2119	2329	2518	2675	2793	2863	2876
		40	Q	2739	3668	4744	5992	7439	9110	11033	13235
		40	W	1984	2247	2510	2763	2998	3206	3379	3507
		50	Q	2190	2994	3903	4942	6139	7520	9112	10942
		50	W	2123	2415	2718	3024	3325	3611	3875	4107
3508081	SHR4564ZHR	30	Q	4314	5615	7155	8962	11064	13491	16273	19439
		30	W	2449	2756	3043	3300	3517	3684	3792	3830
		40	Q	3606	4763	6113	7687	9514	11622	14042	16804
		40	W	2595	2966	3329	3672	3987	4264	4491	4660
		50	Q	2945	3941	5086	6412	7947	9721	11764	14108
		50	W	2701	3132	3565	3990	4398	4778	5121	5416
3508082	SHR4576ZHR	30	Q	5106	6857	8896	11250	13946	17012	20477	24370
		30	W	2615	3036	3405	3712	3949	4109	4183	4163
		40	Q	4046	5591	7365	9397	11714	14344	17316	20660
		40	W	2657	3190	3674	4100	4460	4748	4954	5070
		50	Q	2968	4305	5814	7522	9458	11651	14130	16925
		50	W	2573	3212	3806	4347	4827	5238	5572	5820
3508083	SHR4591ZHR	30	Q	6330	8224	10488	13162	16289	19912	24076	28822
		30	W	3318	3728	4104	4437	4719	4940	5093	5166
		40	Q	5247	6896	8842	11127	13794	16886	20448	24524
		40	W	3461	3981	4479	4947	5376	5756	6080	6338
		50	Q	4147	5550	7178	9073	11279	13841	16802	20208
		50	W	3491	4117	4733	5331	5903	6439	6930	7367
3508084	SHR4610ZHR	30	Q	7462	9675	12291	15355	18915	23020	27716	33053
		30	W	3976	4443	4873	5262	5607	5904	6149	6339
		40	Q	6233	8163	10419	13048	16100	19621	23660	28267
		40	W	4176	4746	5292	5808	6292	6740	7147	7511
		50	Q	4973	6621	8520	10717	13261	16201	19587	23468
		50	W	4322	4993	5650	6290	6909	7503	8069	8604
3508085	SHR4612ZHR	30	Q	8772	11256	14220	17721	21816	26561	32014	38234
		30	W	4567	5079	5605	6117	6587	6989	7295	7478
		40	Q	7298	9487	12060	15073	18583	22648	27326	32678
		40	W	4794	5400	6042	6693	7325	7911	8424	8837
		50	Q	5820	7707	9880	12396	15314	18692	22589	27066
		50	W	5010	5694	6436	7209	7986	8740	9444	10070
3508086	SHR4615ZHR	30	Q	10390	13605	17418	21886	27066	33019	39802	47475
		30	W	4948	5641	6309	6935	7499	7982	8366	8630
		40	Q	8372	11132	14412	18271	22766	27958	33906	40671
		40	W	5060	5901	6744	7570	8359	9094	9754	10321
		50	Q	6438	8736	11476	14719	18524	22951	28061	33917
		50	W	5036	6009	7009	8017	9015	9984	10904	11756

Receiver Units



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				Evaporating Temperature °C							
				R404A							
				-30	-25	-20	-15	-10	-5	0	5
3508087	SHR4620ZHR	30	Q	14553	18557	23197	28606	34917	42265	50785	60612
		30	W	6688	7513	8310	9043	9673	10165	10481	10585
		40	Q	12125	15795	19933	24674	30152	36502	43862	52369
		40	W	7204	8194	9199	10181	11103	11930	12623	13146
		50	Q	9568	12908	16548	20623	25270	30626	36829	44021
		50	W	7571	8709	9904	11118	12316	13460	14513	15438
3508088	SHR4623ZHR	30	Q	15136	19808	25364	31904	39527	48334	58424	69902
		30	W	7735	8682	9576	10387	11083	11632	12004	12168
		40	Q	12240	16294	21100	26758	33369	41033	49852	59932
		40	W	8058	9233	10393	11508	12546	13476	14267	14888
		50	Q	9367	12759	16772	21504	27059	33539	41048	49694
		50	W	8118	9494	10895	12288	13642	14927	16111	17162
3508089	SHR4627ZHR	30	Q	18393	23976	30640	38513	47723	58398	70670	84669
		30	W	9312	10540	11727	12835	13831	14677	15339	15780
		40	Q	14965	19776	25483	32213	40097	49265	59848	71981
		40	W	9698	11153	12603	14014	15350	16575	17654	18551
		50	Q	11619	15677	20444	26051	32629	40309	49228	59521
		50	W	9833	11483	13167	14849	16495	18067	19532	20853
3508090	SHR4632ZHR	30	Q	22474	29157	37097	46425	57277	69785	84086	100318
		30	W	11238	12714	14123	15415	16539	17448	18092	18420
		40	Q	18485	24233	31050	39068	48423	59251	71690	85879
		40	W	11674	13390	15091	16726	18246	19602	20745	21624
		50	Q	14742	19536	25211	31902	39745	48879	59444	71583
		50	W	12115	14063	16046	18016	19922	21716	23349	24769
3509096	SHR4636ZHR	30	Q	22781	30320	39314	49911	62257	76501	92793	111285
		30	W	11963	13657	15290	16808	18160	19291	20149	20682
		40	Q	18281	24717	32395	41465	52075	64376	78519	94660
		40	W	11970	13977	15988	17950	19811	21517	23017	24257
		50	Q	14243	19563	25914	33447	42312	52662	64654	78445
		50	W	11779	14038	16367	18714	21025	23247	25329	27217
3508091	SHR4639ZHR	30	Q	27597	35441	44617	55314	67727	82049	98475	117204
		30	W	13494	15386	17296	19134	20806	22222	23288	23914
		40	Q	22761	29768	37785	47007	57627	69843	83851	99852
		40	W	14602	16759	19057	21404	23708	25877	27820	29443
		50	Q	17792	24117	31131	39030	48012	58274	70019	83451
		50	W	15488	17849	20474	23269	26144	29006	31763	34323
3509097	SHR4641ZHR	30	Q	28447	36846	46943	58916	72946	89211	107896	129184
		30	W	13298	15005	16635	18123	19406	20418	21095	21371
		40	Q	23645	30737	39267	49414	61359	75286	91379	109827
		40	W	13963	16021	18082	20080	21950	23630	25052	26154
		50	Q	19213	24983	31931	40238	50088	61667	75163	90771
		50	W	14424	16794	19246	21713	24133	26439	28568	30455
3509098	SHR4648ZHR	30	Q	32394	42336	54244	68309	84728	103696	125410	150072
		30	W	16161	18178	20114	21891	23433	24663	25504	25881
		40	Q	26904	35358	45496	57516	71613	87986	106835	128365
		40	W	16559	18983	21430	23821	26082	28133	29901	31306
		50	Q	21694	28516	36745	46578	58216	71859	87713	105987
		50	W	16627	19358	22215	25120	27997	30770	33361	35695
3509099	SHR4661ZHR	30	Q	39758	51935	66355	83258	102883	125474	151273	180529
		30	W	19095	21860	24525	27019	29267	31198	32737	33811
		40	Q	32773	43323	55779	70381	87371	106994	129499	155136
		40	W	19739	23047	26352	29580	32657	35511	38068	40255
		50	Q	26008	34798	45155	57322	71546	88076	107164	129070
		50	W	19894	23662	27521	31397	35218	38910	42400	45614

Q = Capacity W = Power input Q + W = THR (Total Heat of Rejection)
Additional Cooling Required
Capacities based on EN13215 Midpoint ratings: Return Vapour 20°C, Subcooling 3K

Condensing Units

Receiver Units



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SHR Series – Low, Medium and High Temperature Applications



Product Code	Model Number	Condensing Temperature: °C	Capacity (Q) Power Input (W)	Capacity: Watts								
				Evaporating Temperature: °C								
				R448A								
				-30	-25	-20	-15	-10	-5	0	5	10
3508077	SHR4521ZHR	30	Q	1043	1433	1905	2471	3145	3940	4870	5947	7186
		30	W	636	745	847	937	1009	1061	1086	1081	1040
		40	Q	837	1180	1591	2082	2667	3359	4172	5119	6213
		40	W	622	748	873	991	1097	1188	1259	1305	1321
		50	Q	610	906	1255	1671	2167	2755	3451	4267	5216
		50	W	604	743	886	1028	1164	1290	1402	1494	1563
3508078	SHR4526ZHR	30	Q	1378	1874	2473	3191	4046	5052	6226	7585	9146
		30	W	821	951	1072	1178	1264	1324	1352	1343	1291
		40	Q	1121	1560	2084	2710	3454	4332	5362	6559	7941
		40	W	825	974	1122	1262	1389	1498	1581	1635	1653
		50	Q	834	1213	1661	2192	2825	3575	4458	5492	6693
		50	W	826	991	1162	1332	1496	1649	1784	1897	1981
3508079	SHR4536ZHR	30	Q	2015	2729	3592	4626	5853	7296	8978	10920	13146
		30	W	1164	1352	1527	1680	1804	1890	1931	1918	1844
		40	Q	1662	2294	3049	3950	5019	6278	7750	9457	11424
		40	W	1183	1397	1609	1810	1992	2147	2267	2344	2370
		50	Q	1258	1811	2462	3232	4144	5221	6487	7963	9672
		50	W	1220	1456	1700	1943	2177	2395	2589	2751	2872
3508080	SHR4550ZHR	30	Q	3016	3997	5171	6571	8228	10175	12444	15069	18081
		30	W	1506	1736	1954	2152	2321	2449	2528	2548	2499
		40	Q	2515	3384	4421	5657	7125	8859	10889	13251	15976
		40	W	1548	1834	2116	2387	2635	2852	3027	3151	3214
		50	Q	2003	2759	3657	4729	6008	7527	9319	11417	13854
		50	W	1522	1863	2210	2552	2881	3185	3456	3684	3860
3508081	SHR4564ZHR	30	Q	3927	5147	6605	8343	10404	12833	15672	18964	22755
		30	W	1959	2226	2478	2707	2904	3060	3168	3217	3199
		40	Q	3288	4367	5654	7194	9028	11202	13758	16740	20193
		40	W	2037	2375	2706	3021	3311	3568	3783	3947	4052
		50	Q	2667	3599	4712	6048	7651	9566	11835	14503	17615
		50	W	2054	2462	2869	3269	3650	4006	4326	4603	4828
3508082	SHR4576ZHR	30	Q	4916	6473	8338	10571	13227	16367	20046	24325	29261
		30	W	2375	2719	3046	3346	3609	3828	3991	4090	4115
		40	Q	4077	5443	7079	9044	11395	14191	17490	21351	25834
		40	W	2479	2909	3330	3735	4115	4458	4757	5002	5183
		50	Q	3282	4455	5861	7556	9601	12053	14971	18414	22443
		50	W	2512	3021	3533	4038	4527	4992	5421	5807	6139
3508083	SHR4591ZHR	30	Q	5730	7557	9745	12355	15453	19101	23363	28304	33987
		30	W	2778	3188	3580	3938	4247	4491	4655	4724	4683
		40	Q	4777	6385	8310	10614	13362	16618	20445	24908	30073
		40	W	2889	3393	3893	4374	4821	5218	5550	5802	5958
		50	Q	3840	5217	6868	8855	11242	14095	17477	21454	26091
		50	W	2909	3497	4096	4691	5266	5806	6297	6721	7065
3508084	SHR4610ZHR	30	Q	6451	8532	11020	13988	17507	21651	26492	32102	38556
		30	W	3158	3627	4067	4464	4802	5068	5245	5320	5277
		40	Q	5360	7192	9383	12006	15132	18835	23189	28265	34139
		40	W	3241	3821	4390	4932	5433	5878	6252	6540	6728
		50	Q	4294	5863	7743	10006	12726	15975	19828	24358	29641
		50	W	3223	3907	4596	5275	5931	6547	7109	7602	8011
3508085	SHR4612ZHR	30	Q	7745	10179	13097	16582	20715	25579	31257	37833	45389
		30	W	3725	4272	4802	5292	5718	6058	6288	6385	6327
		40	Q	6557	8705	11277	14355	18022	22360	27454	33386	40242
		40	W	3887	4559	5233	5886	6495	7037	7488	7825	8026
		50	Q	5358	7209	9423	12084	15273	19075	23574	28854	35000
		50	W	3965	4746	5549	6350	7126	7854	8511	9073	9518
3508086	SHR4615ZHR	30	Q	9397	12458	16152	20599	25918	32231	39659	48322	58343
		30	W	4447	5137	5765	6314	6768	7109	7321	7388	7291
		40	Q	7793	10474	13695	17577	22240	27805	34394	42128	51132
		40	W	4576	5456	6284	7042	7714	8283	8732	9045	9205
		50	Q	6221	8546	11319	14659	18690	23531	29307	36140	44154
		50	W	4531	5597	6620	7583	8469	9262	9945	10500	10912

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Product Code	Model Number	Condensing Temperature °C	Capacity (Q) Power Input (W)	Capacity Watts								
				Evaporating Temperature °C								
				R448A								
				-30	-25	-20	-15	-10	-5	0	5	10
3508087	SHR4620ZHR	30	Q	11042	14840	19443	24995	31644	39534	48813	59628	72128
		30	W	5186	6079	6906	7639	8249	8707	8983	9050	8877
		40	Q	8931	12255	16263	21102	26917	33857	42068	51699	62900
		40	W	5246	6387	7472	8472	9359	10103	10675	11047	11189
		50	Q	6855	9710	13129	17259	22247	28242	35393	43848	53759
		50	W	4970	6350	7683	8941	10095	11115	11974	12641	13088
3508088	SHR4623ZHR	30	Q	13438	17831	23060	29267	36594	45184	55181	66727	79968
		30	W	6242	7195	8099	8928	9657	10259	10710	10985	11059
		40	Q	10994	14922	19573	25090	31614	39291	48263	58677	70677
		40	W	6410	7589	8738	9831	10843	11749	12524	13141	13577
		50	Q	8543	11982	16030	20832	26531	33271	41197	50457	61197
		50	W	6491	7852	9202	10516	11769	12935	13989	14906	15660
3508089	SHR4627ZHR	30	Q	16907	22218	28545	36064	44948	55373	67514	81549	97655
		30	W	7911	8982	10013	10967	11810	12507	13024	13325	13375
		40	Q	14123	18873	24500	31179	39085	48395	59284	71932	86517
		40	W	8218	9545	10859	12125	13308	14373	15285	16009	16511
		50	Q	11296	15442	20325	26121	33006	41157	50754	61975	75002
		50	W	8435	9978	11536	13074	14556	15949	17216	18324	19237
3508090	SHR4632ZHR	30	Q	20136	26410	33902	42806	53320	65640	79963	96489	115418
		30	W	9213	10456	11659	12781	13784	14626	15267	15669	15790
		40	Q	17027	22624	29256	37119	46412	57331	70075	84846	101844
		40	W	9751	11282	12807	14287	15683	16953	18058	18958	19613
		50	Q	13840	18701	24413	31177	39189	48649	59758	72717	87731
		50	W	10161	11935	13740	15534	17279	18934	20459	21814	22959
3509096	SHR4636ZHR	30	Q	21222	28177	36420	46172	57653	71084	86688	104688	125310
		30	W	9879	11315	12685	13944	15052	15964	16637	17029	17097
		40	Q	17428	23664	31037	39768	50080	62195	76336	92728	111599
		40	W	10214	12013	13773	15449	16999	18381	19550	20465	21082
		50	Q	13446	18906	25354	33010	42098	52843	65469	80204	97276
		50	W	10257	12393	14515	16581	18547	20370	22008	23418	24557
3508091	SHR4639ZHR	30	Q	25303	32823	41760	52378	64945	79726	96992	117010	140052
		30	W	11370	12927	14405	15765	16967	17971	18736	19222	19390
		40	Q	21699	28494	36433	45782	56808	69781	84970	102645	123080
		40	W	11987	13897	15768	17563	19239	20758	22079	23163	23968
		50	Q	17837	23910	30852	38932	48420	59585	72699	88036	105870
		50	W	12520	14703	16890	19040	21112	23068	24867	26468	27832
3509097	SHR4641ZHR	30	Q	24746	32586	41929	53009	66059	81313	99005	119373	142654
		30	W	11668	13408	15063	16573	17880	18926	19652	19999	19909
		40	Q	20732	27752	36066	45906	57508	71106	86938	105240	126253
		40	W	12253	14355	16427	18410	20246	21875	23241	24283	24943
		50	Q	16602	22791	30062	38651	48794	60727	74689	90920	109662
		50	W	12685	15056	17451	19814	22084	24204	26115	27759	29076
3509098	SHR4648ZHR	30	Q	29786	38847	49646	62481	77650	95453	116192	140168	167686
		30	W	14244	16084	17831	19443	20877	22092	23045	23693	23996
		40	Q	25227	33357	42913	54194	67501	83134	101397	122592	147028
		40	W	14886	17169	19394	21519	23501	25298	26869	28171	29161
		50	Q	20380	27616	35965	45729	57209	70708	86531	104986	126381
		50	W	15379	18043	20684	23260	25729	28048	30175	32068	33684
3509099	SHR4661ZHR	30	Q	37487	48962	62562	78651	97596	119764	145521	175240	209291
		30	W	17687	20044	22305	24385	26198	27658	28682	29184	29078
		40	Q	31857	42208	54285	68457	85089	104551	127212	153445	183626
		40	W	18538	21400	24228	26936	29439	31653	33491	34870	35703
		50	Q	25756	34980	45533	57782	72098	88851	108413	131162	157475
		50	W	19196	22453	25737	28965	32049	34905	37449	39594	41256

Q = Capacity W = Power input Q + W = THR (Total Heat of Rejection)
Additional Cooling Required
Capacities based on EN13215 Midpoint ratings: Return Vapour 20°C, Subcooling 3K

Receiver Units



Tecumseh

SHR Series – Low, Medium and High Temperature Applications



Product Code	Model Number	Condensing Temperature °C	Capacity (Q) Power Input (W)	Capacity Watts								
				Evaporating Temperature °C								
				R452A								
				-30	-25	-20	-15	-10	-5	0	5	10
3508077	SHR4521ZHR	30	Q	1166	1577	2087	2700	3423	4261	5220	6305	7521
		30	W	703	793	878	953	1013	1054	1070	1057	1011
		40	Q	916	1260	1687	2201	2810	3517	4329	5252	6292
		40	W	714	823	931	1035	1130	1211	1273	1311	1322
		50	Q	663	942	1288	1706	2202	2782	3451	4215	5080
		50	W	724	845	972	1101	1225	1341	1443	1527	1589
3508078	SHR4526ZHR	30	Q	1561	2078	2720	3501	4430	5520	6781	8227	9867
		30	W	882	992	1098	1196	1284	1356	1410	1443	1451
		40	Q	1281	1710	2247	2902	3688	4616	5698	6945	8370
		40	W	907	1037	1168	1297	1421	1536	1639	1727	1795
		50	Q	981	1335	1778	2321	2977	3756	4671	5734	6956
		50	W	930	1072	1221	1374	1528	1679	1823	1958	2080
3508079	SHR4536ZHR	30	Q	2251	2942	3792	4815	6024	7435	9060	10914	13012
		30	W	1435	1607	1772	1923	2054	2157	2226	2254	2235
		40	Q	1887	2471	3189	4055	5083	6286	7680	9279	11096
		40	W	1492	1688	1888	2085	2271	2441	2587	2703	2783
		50	Q	1539	2023	2615	3330	4182	5186	6356	7705	9251
		50	W	1569	1778	2001	2231	2461	2686	2897	3089	3255
3508080	SHR4550ZHR	30	Q	3096	4089	5293	6733	8432	10417	12710	15338	18325
		30	W	1785	2010	2222	2412	2574	2700	2781	2811	2781
		40	Q	2521	3388	4421	5645	7085	8765	10710	12946	15498
		40	W	1858	2119	2381	2636	2876	3094	3281	3432	3536
		50	Q	1981	2732	3605	4624	5814	7200	8808	10663	12792
		50	W	1998	2279	2574	2876	3177	3471	3748	4001	4223
3508081	SHR4564ZHR	30	Q	3976	5197	6683	8462	10562	13011	15835	19064	22727
		30	W	2305	2613	2902	3162	3384	3561	3683	3742	3728
		40	Q	3317	4398	5697	7242	9060	11179	13628	16436	19630
		40	W	2430	2797	3158	3503	3825	4114	4361	4559	4697
		50	Q	2665	3597	4699	6000	7526	9308	11372	13749	16468
		50	W	2542	2955	3376	3794	4203	4592	4953	5277	5556
3508082	SHR4576ZHR	30	Q	4706	6344	8307	10621	13312	16405	19925	23900	28355
		30	W	2462	2880	3247	3557	3801	3972	4064	4068	3978
		40	Q	3727	5165	6865	8854	11156	13798	16806	20206	24026
		40	W	2487	3007	3484	3910	4278	4581	4811	4961	5023
		50	Q	2679	3923	5368	7037	8959	11157	13659	16493	19685
		50	W	2421	3031	3604	4134	4612	5033	5388	5671	5873
3508083	SHR4591ZHR	30	Q	5833	7609	9794	12427	15550	19203	23428	28265	33757
		30	W	3124	3535	3914	4252	4542	4776	4948	5049	5071
		40	Q	4830	6370	8241	10483	13137	16245	19847	23987	28705
		40	W	3241	3754	4248	4719	5157	5555	5905	6201	6434
		50	Q	3750	5064	6629	8489	10683	13254	16243	19694	23649
		50	W	3286	3884	4482	5069	5641	6188	6703	7179	7607
3508084	SHR4610ZHR	30	Q	6877	8953	11479	14498	18057	22199	26971	32416	38583
		30	W	3743	4213	4647	5042	5396	5708	5975	6195	6367
		40	Q	5735	7539	9710	12293	15333	18875	22964	27648	32973
		40	W	3910	4475	5019	5540	6035	6504	6943	7350	7725
		50	Q	4498	6042	7870	10028	12560	15514	18935	22870	27367
		50	W	4069	4713	5351	5981	6602	7210	7805	8383	8944
3508085	SHR4612ZHR	30	Q	8084	10416	13281	16733	20827	25615	31154	37497	44701
		30	W	4299	4817	5346	5861	6339	6755	7086	7306	7393
		40	Q	6715	8763	11240	14199	17697	21786	26523	31962	38160
		40	W	4489	5091	5731	6385	7027	7634	8182	8646	9002
		50	Q	5266	7034	9126	11598	14503	17897	21836	26376	31575
		50	W	4715	5373	6094	6855	7632	8400	9134	9812	10408
3508086	SHR4615ZHR	30	Q	9576	12588	16266	20662	25834	31836	38726	46559	55394
		30	W	4659	5350	6017	6645	7217	7716	8128	8434	8621
		40	Q	7707	10282	13433	17215	21684	26897	32909	39779	47566
		40	W	4736	5563	6397	7221	8019	8776	9474	10098	10632
		50	Q	5815	7962	10596	13773	17550	21983	27131	33052	39807
		50	W	4739	5669	6635	7623	8615	9595	10548	11456	12305

Receiver Units



Tecumseh

SHR Series – Low, Medium and High Temperature Applications



Product Code	Model Number	Condensing Temperature °C	Capacity (Q) Power Input (W)	Capacity Watts								
				Evaporating Temperature °C								
				R452A								
				-30	-25	-20	-15	-10	-5	0	5	10
3508087	SHR4620ZHR	30	Q	13412	17176	21668	27013	33336	40765	49426	59447	70959
		30	W	6297	7125	7926	8664	9309	9826	10182	10344	10279
		40	Q	11146	14584	18573	23240	28712	35115	42579	51231	61205
		40	W	6747	7726	8725	9711	10650	11510	12258	12860	13283
		50	Q	8668	11795	15296	19298	23931	29322	35601	42900	51352
		50	W	7123	8215	9376	10571	11769	12936	14038	15043	15917
3508088	SHR4623ZHR	30	Q	13950	18327	23686	30122	37730	46606	56847	68551	81817
		30	W	7283	8234	9133	9952	10665	11244	11662	11892	11905
		40	Q	11267	15050	19667	25213	31783	39475	48387	58617	70267
		40	W	7546	8706	9859	10977	12035	13003	13856	14565	15104
		50	Q	8462	11631	15485	20120	25634	32123	39688	48430	58451
		50	W	7638	8958	10315	11684	13036	14345	15583	16723	17737
3508089	SHR4627ZHR	30	Q	16951	22182	28612	36362	45555	56315	68765	83033	99243
		30	W	8767	9997	11185	12299	13311	14188	14902	15421	15715
		40	Q	13777	18267	23750	30350	38191	47397	58093	70406	84466
		40	W	9079	10515	11955	13368	14725	15994	17146	18150	18975
		50	Q	10500	14294	18878	24374	30908	38606	47596	58006	69968
		50	W	9255	10836	12468	14120	15761	17362	18891	20319	21615
3508090	SHR4632ZHR	30	Q	20712	26980	34645	43833	54672	67291	81818	98384	117122
		30	W	10581	12059	13469	14770	15917	16866	17574	17999	18095
		40	Q	17011	22382	28939	36808	46119	57000	69582	83998	100381
		40	W	10930	12625	14315	15955	17503	18915	20147	21157	21900
		50	Q	13328	17820	23285	29851	37650	46812	57470	69758	83814
		50	W	11402	13270	15195	17132	19038	20869	22582	24134	25480
3509096	SHR4636ZHR	30	Q	20996	28048	36709	47120	59424	73764	90284	109131	130452
		30	W	11264	12955	14584	16106	17476	18646	19573	20210	20512
		40	Q	16836	22831	30195	39071	49602	61934	76211	92582	111199
		40	W	11203	13177	15166	17124	19005	20764	22355	23732	24850
		50	Q	12861	17828	23926	31297	40087	50443	62513	76448	92402
		50	W	11084	13245	15497	17794	20091	22342	24501	26522	28360
3508091	SHR4639ZHR	30	Q	25431	32794	41667	52227	64654	79128	95831	114945	136656
		30	W	12706	14594	16497	18333	20021	21478	22622	23371	23642
		40	Q	20933	27487	35210	44282	54883	67195	81401	97687	116240
		40	W	13674	15801	18076	20417	22742	24970	27017	28801	30241
		50	Q	16105	22026	28774	36531	45480	55803	67687	81320	96893
		50	W	14567	16832	19377	22122	24983	27879	30728	33446	35953
3509097	SHR4641ZHR	30	Q	26217	34092	43837	55626	69631	86026	104986	126689	151313
		30	W	12521	14231	15865	17366	18675	19736	20492	20884	20856
		40	Q	21762	28390	36597	46556	58441	72428	88694	107419	128785
		40	W	13074	15105	17151	19154	21056	22801	24330	25587	26514
		50	Q	17375	22788	29487	37648	47447	59060	72669	88456	106608
		50	W	13572	15844	18221	20646	23061	25409	27633	29675	31477
3509098	SHR4648ZHR	30	Q	29855	39173	50658	64496	80877	99989	122023	147172	175633
		30	W	15215	17241	19184	20976	22550	23839	24776	25292	25321
		40	Q	24759	32657	42406	54192	68207	84642	103688	125543	150404
		40	W	15502	17898	20328	22724	25020	27147	29038	30626	31844
		50	Q	19611	26004	33931	43581	55147	68822	84802	103287	124480
		50	W	15646	18264	21033	23886	26754	29571	32269	34781	37039
3509099	SHR4661ZHR	30	Q	36642	48058	61971	78611	98206	120988	147190	177047	210797
		30	W	17980	20735	23392	25890	28166	30158	31804	33042	33811
		40	Q	30155	40013	51988	66311	83212	102925	125685	151732	181306
		40	W	18476	21728	24996	28216	31327	34266	36973	39383	41437
		50	Q	23511	31739	41703	53637	67774	84350	103605	125781	151127
		50	W	18721	22325	26057	29853	33653	37393	41013	44450	47642

Q = Capacity W = Power input Q + W = THR (Total Heat of Rejection)
Additional Cooling Required
Capacities based on EN13215 Midpoint ratings: Return Vapour 20°C, Subcooling 3K.

Receiver Units



Tecumseh

SHR Series – Low, Medium and High Temperature Applications



Product Code	Model Number	Condensing Temperature °C	Capacity (Q) Power Input (W)	Capacity Watts									
				Evaporating Temperature °C									
				R134a					R513A				
				-10	-5	0	5	10	-10	-5	0	5	10
3508077	SHR4521ZHR	30	Q	1756	2259	2846	3527	4311	1878	2391	2989	3677	4466
		30	W	618	664	704	741	774	654	701	741	778	811
		40	Q	1513	1965	2494	3108	3817	1603	2061	2594	3209	3915
		40	W	684	747	802	850	893	724	788	844	892	936
		50	Q	1298	1701	2171	2718	3352	1363	1767	2237	2780	3405
		50	W	747	826	896	957	1011	791	873	943	1005	1059
3508078	SHR4526ZHR	30	Q	2440	3070	3808	4664	5650	2609	3251	4000	4865	5855
		30	W	807	849	881	905	921	854	895	927	951	966
		40	Q	2121	2692	3360	4137	5034	2248	2824	3496	4272	5164
		40	W	897	961	1015	1059	1094	949	1014	1068	1112	1147
		50	Q	1819	2329	2927	3623	4429	1910	2421	3016	3705	4499
		50	W	968	1055	1132	1198	1253	1024	1114	1192	1258	1314
3508079	SHR4536ZHR	30	Q	3654	4595	5691	6951	8385	3907	4867	5979	7250	8691
		30	W	1179	1241	1267	1249	1181	1248	1309	1333	1312	1237
		40	Q	3175	4019	5001	6132	7423	3366	4217	5203	6333	7616
		40	W	1342	1462	1553	1607	1617	1420	1542	1634	1688	1695
		50	Q	2700	3446	4315	5318	6466	2835	3581	4446	5438	6566
		50	W	1456	1633	1787	1911	1997	1541	1723	1881	2008	2095
3508080	SHR4550ZHR	30	Q	4826	6107	7627	9404	11457	5162	6470	8013	9806	11865
		30	W	1615	1704	1753	1751	1688	1709	1798	1845	1839	1766
		40	Q	4150	5296	6659	8258	10112	4399	5558	6930	8529	10372
		40	W	1746	1900	2029	2124	2171	1847	2004	2136	2230	2275
		50	Q	3481	4486	5687	7103	8753	3656	4664	5862	7266	8891
		50	W	1828	2033	2230	2407	2552	1935	2146	2348	2529	2677
3508081	SHR4564ZHR	30	Q	6111	7636	9426	11501	13883	6536	8089	9904	11997	14388
		30	W	2184	2305	2399	2466	2507	2311	2432	2524	2589	2625
		40	Q	5336	6699	8298	10153	12288	5656	7030	8634	10487	12607
		40	W	2418	2603	2765	2904	3020	2558	2747	2910	3049	3164
		50	Q	4590	5790	7197	8833	10719	4820	6018	7415	9032	10885
		50	W	2594	2844	3073	3283	3474	2746	3001	3236	3450	3643
3508082	SHR4576ZHR	30	Q	7375	9433	11871	14717	17999	7889	9993	12470	15342	18633
		30	W	2143	2304	2428	2502	2516	2267	2431	2555	2627	2634
		40	Q	6320	8185	10400	12992	15989	6700	8591	10822	13417	16398
		40	W	2360	2605	2825	3009	3145	2497	2748	2973	3160	3296
		50	Q	5256	6914	8890	11213	13911	5521	7189	9165	11472	14133
		50	W	2507	2826	3135	3420	3671	2653	2983	3301	3594	3851
3508083	SHR4591ZHR	30	Q	9578	11899	14634	17831	21537	10240	12612	15396	18632	22361
		30	W	2650	2803	2907	2946	2907	2804	2957	3058	3092	3045
		40	Q	8472	10568	13030	15905	19240	9008	11131	13610	16484	19795
		40	W	3024	3277	3493	3658	3757	3199	3456	3675	3840	3937
		50	Q	7351	9221	11409	13960	16922	7760	9629	11797	14304	17192
		50	W	3347	3702	4033	4325	4565	3543	3907	4247	4545	4788
3508084	SHR4610ZHR	30	Q	9907	12548	15682	19352	23602	10595	13290	16473	20180	24452
		30	W	3082	3290	3453	3562	3609	3261	3471	3633	3739	3778
		40	Q	8648	11024	13843	17150	20988	9166	11567	14402	17711	21532
		40	W	3385	3703	3992	4242	4445	3581	3907	4201	4454	4657
		50	Q	7371	9473	11968	14903	18320	7741	9846	12334	15242	18611
		50	W	3601	4022	4429	4813	5166	3811	4245	4663	5057	5417
3508085	SHR4612ZHR	30	Q	11754	14814	18408	22579	27370	12570	15689	19336	23547	28359
		30	W	3748	4060	4279	4377	4325	3965	4283	4504	4595	4529
		40	Q	10362	13125	16366	20125	24447	10981	13771	17027	20786	25084
		40	W	4093	4542	4930	5231	5416	4330	4791	5190	5495	5676
		50	Q	8943	11392	14260	17590	21424	9390	11840	14695	17992	21767
		50	W	4371	4919	5441	5908	6291	4625	5191	5729	6209	6599
3508086	SHR4615ZHR	30	Q	15472	19405	23970	29214	35184	16549	20558	25184	30464	36436
		30	W	4024	4351	4613	4798	4892	4258	4591	4855	5038	5125
		40	Q	13309	16886	21053	25855	31342	14110	17723	21906	26696	32133
		40	W	4419	4900	5332	5704	6002	4676	5170	5613	5991	6290
		50	Q	11188	14395	18149	22497	27487	11753	14966	18703	23002	27901
		50	W	4676	5300	5894	6443	6935	4948	5594	6206	6770	7272

Receiver Units



Tecumseh

SHR Series – Low, Medium and High Temperature Applications



Product Code	Model Number	Condensing Temperature °C	Capacity (Q) Power Input (W)	Capacity Watts									
				Evaporating Temperature °C									
				R134a					R513A				
				-10	-5	0	5	10	-10	-5	0	5	10
3508087	SHR4620ZHR	30	Q	19310	24042	29616	36126	43667	20648	25459	31108	37684	45275
		30	W	5050	5332	5508	5559	5468	5343	5624	5795	5835	5724
		40	Q	17042	21336	26377	32261	39081	18063	22383	27437	33315	40107
		40	W	5751	6223	6608	6888	7044	6084	6565	6954	7232	7379
		50	Q	14737	18583	23082	28329	34420	15478	19313	23778	28965	34965
		50	W	6302	6969	7568	8081	8489	6671	7356	7969	8490	8899
3508088	SHR4623ZHR	30	Q	22974	28701	35439	43297	52386	24564	30390	37222	45163	54319
		30	W	5867	6393	6826	7139	7304	6208	6746	7184	7495	7649
		40	Q	20152	25358	31464	38578	46811	21358	26601	32726	39839	48046
		40	W	6458	7193	7870	8461	8939	6833	7590	8284	8886	9368
		50	Q	17284	21958	27419	33778	41146	18153	22820	28246	34539	41804
		50	W	6885	7806	8704	9550	10319	7287	8240	9165	10035	10822
3508089	SHR4627ZHR	30	Q	26857	34026	42361	51950	62877	28728	36047	44507	54180	65139
		30	W	8393	9074	9647	10086	10366	8881	9575	10153	10589	10855
		40	Q	22851	29205	36613	45160	54934	24226	30651	38098	46639	56348
		40	W	8943	9916	10816	11618	12294	9462	10463	11385	12201	12883
		50	Q	19121	24672	31163	38683	47317	20083	25648	32115	39557	48049
		50	W	9281	10517	11715	12849	13893	9823	11101	12336	13501	14568
3508090	SHR4632ZHR	30	Q	30205	37911	46872	57187	68955	32302	40156	49242	59647	71455
		30	W	9363	10104	10739	11241	11584	9907	10661	11301	11799	12129
		40	Q	26268	33214	41299	50622	61283	27846	34854	42968	52275	62860
		40	W	10216	11249	12203	13053	13773	10809	11869	12844	13706	14429
		50	Q	22357	28538	35741	44068	53617	23484	29665	36827	45056	54440
		50	W	10825	12135	13395	14579	15660	11458	12810	14105	15317	16418
3509096	SHR4636ZHR	30	Q	33867	43318	54321	66980	81399	36226	45889	57063	69835	84292
		30	W	10471	11378	12133	12696	13026	11081	12006	12770	13328	13639
		40	Q	28613	37093	46999	58434	71504	30337	38933	48905	60342	73329
		40	W	11216	12471	13619	14619	15429	11867	13160	14336	15352	16166
		50	Q	23509	31003	39796	49994	61701	24697	32237	41020	51132	62664
		50	W	11620	13193	14702	16107	17365	12299	13926	15482	16923	18207
3508091	SHR4639ZHR	30	Q	38078	47385	58336	71101	85848	40715	50176	61275	74171	89023
		30	W	10732	11695	12470	13005	13248	11355	12340	13124	13652	13872
		40	Q	33617	42048	51930	63434	76730	35629	44108	54015	65509	78751
		40	W	11950	13330	14596	15696	16579	12642	14065	15363	16484	17374
		50	Q	29097	36642	45446	55680	67516	30561	38079	46815	56929	68586
		50	W	12872	14628	16344	17968	19449	13623	15440	17209	18880	20397
3509097	SHR4641ZHR	30	Q	39983	49750	61244	74649	90153	42751	52682	64329	77870	93483
		30	W	9886	10777	11493	11982	12194	10460	11371	12095	12579	12768
		40	Q	35308	44166	54551	66650	80651	37421	46331	56741	68829	82774
		40	W	11002	12272	13433	14435	15227	11640	12948	14139	15160	15957
		50	Q	30562	38497	47760	58540	71026	32100	40008	49199	59853	72151
		50	W	11841	13451	15020	16496	17829	12532	14197	15816	17334	18698
3509098	SHR4648ZHR	30	Q	47450	59177	72977	89078	107710	50735	62661	76650	92923	111703
		30	W	12365	13455	14312	14876	15089	13084	14197	15063	15618	15801
		40	Q	41665	52277	64719	79221	96013	44159	54838	67315	81813	98554
		40	W	13750	15327	16747	17948	18871	14548	16173	17627	18849	19776
		50	Q	35812	45303	56382	69279	84226	37615	47080	58078	70834	85573
		50	W	14739	16766	18709	20508	22103	15600	17696	19700	21548	23179
3509099	SHR4661ZHR	30	Q	57058	71999	89431	109543	132522	61031	76278	93961	114232	137247
		30	W	15565	16886	17972	18759	19183	16468	17816	18913	19692	20088
		40	Q	49494	62848	78467	96540	117257	52470	65964	81656	99701	120255
		40	W	17256	19178	20944	22491	23755	18257	20234	22044	23619	24894
		50	Q	41938	53649	67400	83381	101784	44047	55776	69466	85275	103360
		50	W	18481	20935	23314	25554	27591	19560	22097	24550	26851	28935

Q = Capacity W = Power input Q + W = THR (Total Heat of Rejection)
■ Additional Cooling Required
Capacities based on EN13215 Midpoint ratings: Return Vapour 20°C, Subcooling 3K.

Condensing Units