

A2L COMPRESSORS RANGE /

MOST COMPLETE RANGE OF A2L COMPRESSORS OF THE MARKET.
OPTIMIZED FOR LIGHT COMMERCIAL AND COMMERCIAL APPLICATIONS.



APPLICATIONS /



display case



cold room



reach-in



ice maker



ice cream
machine

REFRIGERANTS /



FEATURES & BENEFITS /



- Enlarged evaporating range
- Recognized family for its robustness and quality



- Acoustic best in class
- Extended range up to 39cc
- T-Connect: quick and easy electrical connection



- Biggest cooling capacity range in hermetic reciprocating compressors
- Advanced products for future regulation needs



COOLING PERFORMANCE

NEGATIVE COLD (LBP)



MODEL	DISP. (cm ³)	MOTOR	COOLING PERFORMANCE (W), R-455A +40°C CONDENSING T°, 10K SUPERHEAT, 3K SUBCOOL, EVAPORATION TEMPERATURE (°C)						CONDITIONS EN12900 T° -35° / +40°C RG 20°C / SC 0K		VOLTAGE	WEIGHT (kg)	HEIGHT (mm)
			-35°C	-30°C	-25°C	-20°C	-15°C	-10°C	PERF. (W)	COP (W/W)			
AE2410P	5.02	CSIR	101	144	197	260	335	420	113	0.74	FZ	10	200
AE2415P	7.33	CSIR	168	230	306	398	508	639	188	0.95	FZ	10	200
AE2420P	9.33	CSIR	213	290	384	499	640	812	239	0.97	FZ	10.2	210
AE2425P	12.01	CSIR	271	372	495	642	813	1011	304	0.97	FZ	10.5	210
AJ2432P	18.3	CSR / TRI	324	474	662	895	1180	1523	362	1.01	FZ	20.8	268
AJ2440P	21	CSR / TRI	417	596	818	1088	1415	1806	467	1.05	FZ	21.5	280
AJ2446P	26.15	CSR / TRI	486	708	971	1284	1653	2087	544	0.99	FZ / TZ	22	280
AJ2464P	34.45	CSR / TRI	667	953	1304	1734	2253	2874	748	1.03	FZ / TZ / KZ	23	280
AJ2475P	39.2	CSR / TRI	767	1096	1500	1994	2591	3305	860	1.10	FZ / TZ	24	286
FH2480P	54.3	CSR / TRI	986	1455	2053	2801	3723	4841	1104	1.21	XC / XG / KZ	29	354
FH2511P	68	CSR / TRI	1494	2141	2964	3998	5277	6839	1675	1.26	XC / XG / KZ	30	354
AG2513P	100	TRI	1123	1901	2897	4150	5702	7595	1251	0.94	TZ	44	368
AG2516P	112.5	TRI	1346	2262	3383	4746	6388	8351	1498	0.96	TZ	44	368
AG2519P	124.4	TRI	1771	2778	4018	5528	7349	9524	1978	1.05	TZ	44	381
AG2522P	135	TRI	2120	3194	4521	6145	8113	10474	2372	1.14	TZ	47	393
AG2525P	145	TRI	2266	3425	4841	6560	8628	11098	2534	1.15	TZ	47	393

For cooling capacity in other refrigerants, physical dimensions and compressor connections, please access www.tecumseh.com.

POSITIVE COLD (HBP)

MODEL	DISP. (cm ³)	MOTOR	COOLING PERFORMANCE (W), R-455A +45°C CONDENSING T°, 10K SUPERHEAT, 3K SUBCOOL, EVAPORATION TEMPERATURE (°C)							CONDITIONS EN12900 T° +5°C / +50°C RG 20°C / SC 0K		VOLTAGE	WEIGHT (kg)	HEIGHT (mm)
			-15°C	-10°C	-5°C	0°C	5°C	10°C	15°C	PERF. (W)	COP (W/W)			
AE4425P	4.24	CSIR	242	315	403	508	631	774	941	547	2.12	FZ	10	200
AE4430P	5.16	CSIR	308	395	502	630	784	966	1180	680	2.18	FZ	10	200
AE4440P	6.69	CSIR	375	481	606	756	936	1154	1415	810	2.03	FZ	10.2	210
AE4450P	8.85	CSIR	556	706	886	1101	1355	1653	1999	1180	2.16	FZ	10.5	210
AE4460P	10.33	CSIR	658	830	1036	1281	1571	1914	2314	1372	2.18	FZ	11	210
AE4470P	12.01	CSIR	768	967	1208	1497	1840	2242	2709	1613	2.20	FZ	11.2	210
AJ4480P	15.2	CSR / TRI	826	1094	1415	1797	2250	2784	3409	1958	2.36	FZ / TZ	20.8	268
AJ4510P	18.3	CSR / TRI	980	1303	1692	2160	2719	3381	4163	2346	2.27	FZ / TZ	21.5	280
AJ4513P	24.2	CSR / TRI	1273	1701	2221	2852	3611	4519	5597	3094	2.45	FZ / TZ	22	280
AJ4517P	25.95	CSR / TRI	1408	1883	2449	3124	3926	4875	5991	3387	2.44	FZ / TZ / KZ	23	280
AJ4519P	34.45	CSR / TRI	1820	2390	3077	3903	4892	6070	7463	4225	2.35	FZ / TZ / KZ	23	280
AJ4522P	39.2	CSR / TRI	2057	2701	3477	4410	5528	6859	8433	4774	2.40	FZ / TZ	24	286
FH4522P	39.6	CSR / TRI	2147	2910	3824	4918	6222	7769	9594	5325	2.90	XC / XG / KZ	29	354
FH4524P	43.3	CSR / TRI	2312	3145	4149	5357	6803	8524	10560	5795	2.90	XC / XG / KZ	30	354
FH4532P	50.6	CSR / TRI	2839	3810	4960	6324	7939	9843	12079	6850	2.98	XC / XG / KZ	30	354
FH4538P	63	CSR / TRI	3716	4884	6286	7960	9950	12301	15060	8616	2.89	XC / XG / KZ	31	354
FH4544P	68	CSR / TRI	4108	5367	6878	8690	10852	13422	16455	9365	2.70	XC / XG	31	354
AG4546P	90.2	TRI	3124	4623	6437	8626	11254	14388	18100	9396	2.52	TZ	43	368
AG4553P	100.7	TRI	4097	5769	7804	10265	13222	16751	20930	11165	2.72	TZ	45	381
AG4561P	112.5	TRI	5255	7160	9474	12276	15645	19670	24444	13408	2.66	TZ	46	381
AG4568P	124.4	TRI	5718	7795	10278	13245	16776	20959	25884	14438	2.61	TZ	47	393
AG4573P	135	TRI	6552	8787	11440	14591	18323	22729	27902	15808	2.62	TZ	48	393
AG4581P	145	TRI	7471	9883	12781	16255	20401	25323	31128	17705	2.58	TZ	49	393

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COOLING PERFORMANCE

POSITIVE COLD (HBP)

R-1234yf

MODEL	DISP. (cm³)	MOTOR	COOLING PERFORMANCE (W) +45°C CONDENSING T°, 10K SUPERHEAT, 3K SUBCOOL, EVAPORATION TEMPERATURE (°C)							CONDITIONS EN12900 T° +5°C / +50°C RG 20°C / SC 0K		VOLTAGE	WEIGHT (kg)	HEIGHT (mm)
			-15°C	-10°C	-5°C	0°C	5°C	10°C	15°C	PERF. (W)	COP (W/W)			
AE4425N	6.7	CSIR	197	273	360	461	578	711	864	524	2.00	FZ	9.1	199
AE4430N	8	CSIR	270	358	463	587	732	902	1098	667	2.08	FZ	9.4	199
AE4440N	10.3	CSIR	367	476	605	756	934	1141	1381	854	2.01	FZ	9.6	199
AE4450N	13.2	CSIR	483	630	800	998	1227	1493	1799	1120	2.13	FZ	10.5	210
AE4456N	14.5	CSIR	532	690	873	1085	1330	1613	1939	1218	2.03	FZ	11	210
AE4460N	15.1	CSIR	536	697	882	1093	1336	1615	1935	1224	1.95	FZ	11.3	210
AJ4461N	18.3	CSIR / TRI	523	705	923	1186	1500	1875	2319	1339	2.01	FZ / TZ	20.8	268
AJ4476N	22.8	CSIR	620	835	1093	1403	1774	2214	2733	1634	2.14	FZ	21.5	280
AJ4492N	25.9	CSIR / TRI	790	1075	1408	1799	2260	2801	3436	2036	2.13	FZ / TZ	22	280
AJ4511N	32.7	CSR / TRI	1038	1377	1777	2249	2801	3445	4191	2529	2.28	FZ / TZ	23	280
AJ4513N	34.5	CSR	1083	1427	1835	2319	2892	3567	4359	2618	2.22	FZ	23	280
AJ4515N	39.2	CSR / TRI	1235	1627	2092	2644	3297	4066	4969	2985	2.25	FZ / TZ	23	286
FH4518N	48.5	CSR / TRI	1433	1912	2510	3249	4153	5148	6562	3712	2.66	XC / XG / KZ	29	354
FH4525N	63	CSR / TRI	1859	2477	3233	4154	5266	6601	8190	4751	2.57	XC / XG / KZ	30	354
AG4528N	90.2	TRI	1755	2589	3627	4910	6479	8382	10669	5638	2.44	TZ	44	368
AG4534N	100.7	TRI	2159	3103	4270	5704	7452	9563	12092	6528	2.45	TZ	44	368
AG4537N	112.5	TRI	2568	3629	4920	6482	8363	10613	13286	7387	2.43	TZ	44	368
AG4543N	124.4	TRI	2980	4160	5575	7267	9283	11672	14489	8252	2.42	TZ	44	368
AG4547N	135	TRI	3480	4742	6264	8092	10277	12874	15943	9165	2.36	TZ	44	368

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VOLTAGE

VOLTAGE DESIGNATION	VOLTAGE
FZ	220-240V - 50Hz 1~
XC	220-240V - 50Hz 1~
GS	220V - 50/60Hz 1~
AA	115V - 60Hz 1~
XA	100V - 50Hz / 115V - 60Hz 1~
DS	115-127V - 60Hz 1~
HZ	208-220V - 60Hz 1~
TZ	400V - 50Hz / 440V - 60Hz 3~
XG	380-420V - 50Hz / 460V - 60Hz 3~

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