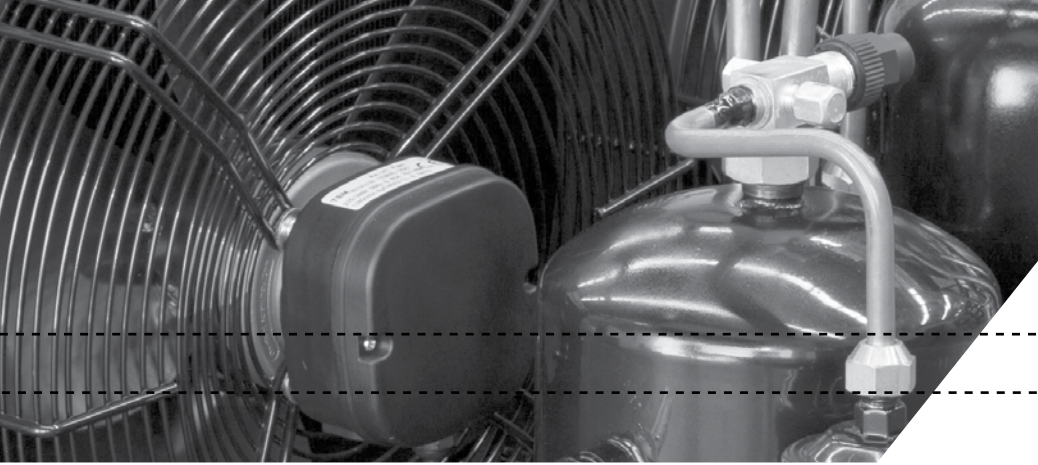




ACTROL

actrol.com.au

Refrigeration Condensing Units

Reciprocating & Scroll



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HTA Condensing Units

Tecumseh Reciprocating



Tecumseh HTA condensing units provide a robust energy efficient refrigeration solution designed to handle Australia's extreme ambient temperatures.

The L'Unite Hermetique compressor and HTA condenser combination ensure reliable refrigeration when you need it most. This is the HTA advantage.

Applications include commercial food and beverage cooling and freezing in pubs, clubs, restaurants, convenience stores, supermarkets, cafes, food processors and many more.

Installation is quick and easy with copper tails on all Rotalock valves and fully wired single phase fan motors on all models. All FH, TFH and TAG models include auto reset HP/LP control, crank case heater and oil sight glass.

A range of flat packaged unit covers are available to suit every HTA model.

The galvanized powder coated unit covers are complete with stainless steel screws and fix directly to the holes provided in the condensing unit base.

Tecumseh HTA condensing units are a great solution for your customers' refrigeration requirements.

Standard Features

- Tecumseh Europe L'Unite Hermetique compressor
- Large HTA condenser
- Factory wired single phase fan motor/s
- Liquid receiver
- Copper tails on all Rotalock valves
- Crankcase heater, HP/LP control and oil sight glass on FH, TFH and TAG models

Optional Features

- Fully galvanized and powder coated unit cover



HTA EVO Condensing Units

Tecumseh Reciprocating



Tecumseh HTA EVO condensing units offer energy efficient robust refrigeration solutions designed to handle Australia's extremely diverse climatic conditions.

The HTA EVO range is fully factory fitted allowing an exceptionally quick installation.

The L'Unite Hermetique compressor and HTA condenser combination ensure reliable refrigeration when you need it most. This is the HTA advantage.

Applications include commercial food and beverage cooling and freezing in pubs, clubs, restaurants, supermarkets, convenience stores, cafes, food processors and many more.

Installation is quick and easy as every HTA EVO unit includes all the required vessels and is fully wired to a factory fitted electrical enclosure with contactor, overload, circuit breakers and HP/LP control. All FH, TFH and TAG models include crank case heater and an oil sight glass.

A range of flat packaged unit covers are available to suit every HTA EVO model.

The galvanized powder coated unit covers are complete with stainless steel screws and fix directly to the holes provided in the condensing unit base.

Tecumseh HTA EVO condensing units are an impressive solution for your customers' refrigeration requirements.

Standard Features

- Tecumseh Europe L'Unite Hermetique compressor
- Large HTA condenser
- Oil separator
- Suction accumulator *
- Complete factory wiring:
 - compressor contactor
 - thermal overload
 - HP/LP control
 - circuit breaker/s
 - full wiring to the fan motor/s.
- Single phase fan motor/s
- Liquid line assembly:
 - Filter drier
 - Moisture indicator
 - Line valve
- Liquid receiver
- Copper connections
- Crankcase heater and oil sight glass on all FH, TFH and TAG models

* Low temperature models

Optional Features

- Fully galvanized and powder coated unit cover



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ACTROL 3.

EVO Scroll Condensing Units

Copeland Scroll



EVO Scroll condensing units present a robust energy efficient refrigeration solution designed to handle Australia's extremely diverse climatic conditions.

The Copeland ZB and ZF series refrigeration compressors are matched to condensers to ensure reliable refrigeration when you need it most with models designed for both R134a and R404A.

The EVO Scroll range is fully factory fitted allowing an exceptionally fast installation.

Applications include commercial food and beverage cooling and freezing in pubs, clubs, restaurants, supermarkets, convenience stores, cafes, food processors and many more.

Installation is quick and easy as every EVO Scroll unit includes all the required vessels and is fully wired to a factory fitted electrical enclosure with contactor, electronic overload, circuit breakers, HP/LP safety control, crank case heater and Carel fan speed control.

Flat packaged Weather Shield covers are available to suit all models.

The galvanized powder coated Weather Shield covers are complete with stainless steel screws and fix directly to the holes provided in the condensing unit base.

EVO Scroll condensing units are an impressive solution for your customers' refrigeration requirements.

Standard Features

Copeland ZB medium temperature compressor

OR

Copeland ZF low temperature compressor

- Large condenser
- Oil separator
- Suction accumulator
- Complete factory wiring:
 - Circuit breakers
 - Compressor contactor
 - Electronic overload protects against:
 - Phase loss
 - Phase imbalance
 - Phase reversal
 - Over current
 - Locked rotor
 - HP/LP safety control
 - Crank case heater
 - Carel fan speed control
 - Liquid Receiver
 - Copper tails for easy connection

Optional Features

- Fully galvanized and powder coated unit cover



HTA Condensing Units

Selection Data



R404A - Hermetic Reciprocating

Medium / High Temperature Applications

Cat. No.	Model	Compressor		Amb. Temp °C	R404A Capacity: Watts Evaporating Temperature: °C								Conns. Suct. Liquid in inches	Cond. Fan(s) No./ Dia. mm	Nom. Current Comp. + Fan(s) FLA
		Nom HP	Motor Type		-25	-20	-15	-10	-5	0	5	10			
259590	AEZT4425ZHR	1/5	CSIR	32 43 46			251 218 211	322 282 272	399 351 340	481 425 413	607 540 526	659 588 574	3/8 1/4	1/250	2.05
259591	AEZT4430ZHR	1/4	CSIR	32 43 46			337 293 283	422 369 357	515 453 439	617 545 530	781 695 677	850 759 740	3/8 1/4	1/250	2.16
259593	AEZT9440ZMHR	1/3	CSR	32 43 46	277 239 229	373 323 311	477 415 401	590 516 499	715 629 609	851 752 730	1067 950 925	1158 1034 1008	3/8 1/4	1/250	2.52
259594	CAET9450ZMHR	3/8	CSR	32 43 46	323 278 267	447 387 373	584 508 491	734 642 621	898 790 765	1077 952 924	1361 1211 1180	1480 1321 1288	3/8 1/4	1/300	3.14
259595	CAET9460ZMHR	1/2	CSR	32 43 46	446 384 369	567 491 473	715 622 601	886 775 750	1078 948 919	1286 1136 1104	1608 1431 1394	1737 1550 1512	3/8 1/4	1/300	3.86
259596	CAET9470ZMHR	1/2	CSR	32 43 46	539 464 446	689 597 575	865 753 727	1061 928 898	1279 1124 1090	1515 1339 1300	1881 1674 1631	2032 1814 -	3/8 1/4	1/300	4.47
259597	CAJT9480ZMHR	5/8	CSR	32 43 46	651 561 539	844 731 704	1052 916 884	1278 1118 1081	1523 1339 1298	1786 1578 1533	2206 1964 1913	2382 2126 -	1/2 3/8	1/300	4.48
259599	CAJT9510ZMHR-2	1	CSR	32 43 46	736 634 609	960 831 801	1211 1054 1017	1484 1298 1256	1781 1566 1518	2098 1854 1801	2587 2303 2243	2786 2487 -	5/8 3/8	1/320	5.45
259600	CAJT9513ZMHR-2	1 1/8	CSR	32 43 46	961 828 796	1265 1095 1055	1592 1386 1337	1947 1703 1648	2336 2054 1991	2762 2441 2371	3456 3076 2997	3753 3350 3267	5/8 3/8	1/350	6.83
259602	CAJT4517ZHR-2	1 1/4	CSR	32 43 46			1850 1610 1554	2251 1969 1905	2719 2391 2317	3229 2853 2772	3979 3542 3451	4259 3802 -	5/8 3/8	1/350	7.54
259603	TAJT4517ZHR-2		3Ø	46			1554	1905	2317	2772	3451	-	3/8		3.00
259604	CAJT4519ZHR-2	1 1/2	CSR	32 43 46			2154 1875 1809	2856 2498 2417	3532 3105 3010	4202 3713 3607	5197 4626 4507	5606 5004 4881	5/8 3/8	1/400	10.12
259605	TAJT4519ZHR-2		3Ø	46			1809	2417	3010	3607	4507	4881	3/8		4.20

► Capacity Rating Basis: Return gas at ambient temperature, temperature of refrigerant at condenser outlet is subcooled within the condensing limits of the unit. Current FLA are given at nominal voltage, 32°C ambient and 7.2°C evaporating.

► Motor Types:

- CSIR: Capacitor Start, Induction Run, 1 Phase, 50 Hz, 220-240 Volt
- CSR: Capacitor Start and Run, 1 Phase, 50 Hz, 220-240 Volt
- 3Ø: 3 Phase, 50 Hz, 400 Volt



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ACTROL 5.

HTA Condensing Units

Selection Data



R404A - Hermetic Reciprocating

Medium / High Temperature Applications

Cat. No.	Model	Compressor		Amb. Temp °C	R404A Capacity: Watts Evaporating Temperature: °C						Conns. Suct: Liquid in inches	Cond. Fan(s) 240V No./Dia. mm	Nom. Current Comp. + Fan(s) FLA
		Nom HP	Motor Type		-15	-10	-5	0	5	10			
259608	FHT4524ZHR-2	2	CSR	32 43 46	2654 2310 2229	3315 2900 2805	4012 3527 3419	4750 4198 4077	5905 5256 5121	6387 5701 -	5/8 3/8	1/400	10.72
259609	TFHT4524ZHR-2		3Ø										3.92
259610	FHT4531ZHR-2	2 1/2	CSR	32 43 46	3594 3128 3019	4508 3944 3815	5462 4802 4655	6464 5712 5549	8009 7129 6945	8646 7717 7527	7/8 1/2	2/350	14.7
259611	TFHT4531ZHR-2		3Ø										5.30
259586	FHT4540ZHR-2	3	CSR	32 43 46	4419 3846 3712	5465 4781 4624	6571 5777 5600	7759 6857 6660	9655 8594 8373	10464 9340 9110	7/8 1/2	2/400	20.24
259612	TFHT4540ZHR-2		3Ø										6.41
259613	TAGT4546ZHR-2	4	3Ø	32 43 46	4591 3646 3399	5859 4689 4389	7310 5890 5529	8965 7263 6833	10848 8827 8319	12997 10609 10011	7/8 5/8	2/400	6.91
259614	TAGT4553ZHR-2	4 1/2	3Ø	32 43 46	5359 4664 4502	6769 5922 5728	8359 7349 7124	10101 8926 8671	12834 11424 11130	13953 12454 -	7/8 5/8	2/400	7.23
259615	TAGT4561ZHR-2	5	3Ø	32 43 46	5509 4794 4628	6954 6083 5884	8691 7641 7407	10639 9402 9133	13649 - -	14838 - -	1 1/8 5/8	2/400	9.24
259616	TAGT4568ZHR-2	6	3Ø	32 43 46	6765 5888 5863	8820 7716 7463	10928 9608 9314	13102 11578 11247	16346 14550 14175	17647 15752 15363	1 1/8 5/8	2/400	9.64
259617	TAGT4573ZHR-2	6 1/2	3Ø	32 43 46	7410 6449 6224	9224 8069 7805	11205 9851 9550	13354 11801 11463	16346 14932 14548	17647 16257 15856	1 1/8 5/8	2/400	10.34

- Capacity Rating Basis: 11K Return gas superheat, temperature of refrigerant at condenser outlet is subcooled within the condensing limits of the unit. Current FLA are given at nominal voltage, 32°C ambient, 32°C return gas and 7.2°C evaporating.
- Motor Types:
 - CSIR: Capacitor Start, Induction Run, 1 Phase, 50 Hz, 220-240 Vol
 - CSR: Capacitor Start and Run, 1 Phase, 50 Hz, 220-240 Vol
 - 3Ø: 3 Phase, 50 Hz, 400 Volt
- All models are also suitable for operation with R507



HTA Condensing Units

Selection Data



R404A - Hermetic Reciprocating

Low Temperature Application

Cat. No.	Model	Compressor		Amb. Temp °C	R404A Capacity: Watts Evaporating Temperature: °C							Conns. Suct: Liquid in inches	Cond. Fan(s) 240V No./Dia. mm	Nom. Current Comp. + Fan(s) FLA
		Nom HP	Motor Type		-40	-35	-30	-23.3	-20	-15	-10			
259570	CAET2417ZBR	1/3	CSR	32 43 46	155 126 121	236 192 182	319 263 251	435 368 352	494 423 406	586 512 493	682 606 586	3/8 1/4	1/202	2.25
259571	CAET2420ZBR	1/2	CSIR	32 43 46	226 178 166	328 264 248	437 359 339	594 501 478	676 578 553	806 703 676	944 838 811	3/8 1/4	1/250	3.25
259572	CAET2424ZBR	5/8	CSR	32 43 46	318 251 234	431 347 326	559 459 434	753 635 605	858 734 702	1030 897 864	1216 1080 1045	3/8 1/4	1/300	2.51
259573	CAJ2428ZBR	1/2	CSIR	32 43 46	271 213 199	395 318 298	529 434 410	722 609 581	823 704 673	984 858 826	1154 1025 993	1/2 1/4	1/300	3.98
259574	CAJT2432ZBR	5/8	CSR	32 43 46	250 197 184	414 333 312	588 483 456	840 708 675	971 830 794	1179 1027 989	1398 1242 1202	1/2 1/4	1/300	3.10
259575	CAJT2446ZBR	3/4	CSR	32 43 46	371 292 272	571 460 431	792 650 615	1119 944 900	1293 1105 1058	1573 1371 1320	1874 1664 1611	1/2 3/8	1/300	3.97
259576	CAJT2464ZBR-2	1 1/2	CSR	32 43 46	337 265 247	714 574 539	1094 898 849	1609 1357 1294	1825 1594 1525	2256 1966 1892	2650 2354 2279	5/8 3/8	1/350	5.52
259577	TAJT2464ZBR-2		3Ø											2.20
259578	FHT2480ZBR-2	2	CSR	32 43 46	872 687 640	1334 1073 1007	1800 1478 1397	2432 2051 1955	2746 2347 2245	3225 2811 2705	3709 3295 3189	5/8 3/8	1/350	8.29
259579	TFHT2480ZBR-2		3Ø											2.74
259585	FHT2511ZBR-2	2 1/2	CSR	32 43 46	1194 940 877	1744 1402 1317	2356 1934 1828	3274 2762 2632	3767 3219 3080	4566 3979 3830	5427 4821 4666	5/8 3/8	2/350	12.0
259580	TFHT2511ZBR-2		3Ø											3.88
259581	TAGT2516ZBR-2	4	3Ø	32 43 46	1671 1316 1226	2429 1954 1834	3268 2683 2536	4519 3812 3633	5188 4434 4243	6269 5463 5258	7430 6600 6388	7/8 3/8	2/350	5.11
259582	TAGT2522ZBR-2	5 1/2	3Ø	32 43 46	2024 1594 1486	3077 2474 2323	4202 3450 3261	5826 4915 4684	6674 5704 5458	8019 6989 6726	9438 8383 8114	1 1/8 3/8	2/400	6.09

► Capacity Rating Basis: Return gas at ambient temperature, temperature of refrigerant at condenser outlet is subcooled within the condensing limits of the unit
Current FLA are given at nominal voltage, 32°C ambient and -23.3°C evaporating.

► Motor Types:

- CSIR: Capacitor Start, Induction Run, 1 Phase, 50 Hz, 220-240 Volt
- CSR: Capacitor Start and Run, 1 Phase, 50 Hz, 220-240 Volt
- 3Ø: 3 Phase, 50 Hz, 400 Volt



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ACTROL 7.

HTA Condensing Units

Selection Data

R134a - Hermetic Reciprocating



Medium / High Temperature Applications

Cat. No.	Model	Compressor		Amb. Temp °C	R134a Capacity: Watts Evaporating Temperature: °C								Conns Suct: Liquid in inches	Cond. Fan(s) 240V No./Dia. mm	Nom. Current Comp. + Fan(s) FLA
		Nom HP	Motor Type		-15	-10	-5	0	5	7.2	10	15			
259503	AEZT4425YHR	1/5	CSIR	32 43 46	249 217 209	325 284 275	411 361 350	507 448 435	613 544 530	663 590 575	729 651 -	857 - -	3/8 1/4	1/250	1.89
259504	AEZT4430YHR	1/4	CSIR	32 43 46	318 277 267	420 367 355	530 466 452	652 576 560	782 695 676	844 751 732	925 826 -	1078 - -	3/8 1/4	1/250	2.63
259505	CAET4440YHR	3/8	CSIR	32 43 46	438 381 368	551 482 466	685 602 584	841 743 722	1019 905 881	1104 983 957	1120 1089 -	1444 1295 -	3/8 1/4	1/250	3.07
259506	CAET4448YHR	1/3	CSIR	32 43 46	513 446 431	680 595 575	860 756 733	1053 931 904	1262 1121 1091	1359 1210 1179	1487 1327 1295	1727 1549 -	3/8 1/4	1/300	3.52
259507	CAET4456YHR	1/2	CSIR	32 43 46	606 527 509	764 668 646	944 830 805	1145 1012 983	1369 1216 1184	1474 1312 1278	1615 1442 -	1885 1691 -	3/8 1/4	1/300	4.37
259509	CAJT4461YHR	1/2	CSIR	32 43 46	680 592 571	868 759 735	1082 951 922	1323 1169 1136	1591 1413 1375	1718 1529 1490	1886 1683 1642	2212 1984 -	1/2 1/4	1/300	4.38
259510	CAJT4476YHR	5/8	CSIR	32 43 46	762 664 641	1006 880 851	1267 1114 1080	1549 1369 1330	1851 1644 1600	1991 1772 1727	2175 1941 -	2524 - -	1/2 3/8	1/300	5.23
259511	CAJT4492YHR-2	3/4	CSIR	32 43 46	953 829 801	1235 1080 1045	1555 1367 1325	1916 1693 1645	2316 2057 2002	2505 2230 2172	2757 2461 2400	3240 2907 2841	1/2 3/8	1/350	5.35
259512	CAJT4511YHR-2	1	CSR	32 43 46	1276 1111 1072	1646 1440 1393	2061 1812 1757	2525 2231 2167	3036 2697 2625	3277 2917 2842	3598 3212 3132	4212 3779 -	5/8 3/8	1/350	5.61
259513	TAJT4511YHR-2		3Ø	46	1072	1393	1757	2167	2625	2842	3132	-	3/8		2.18
259514	FHT4518YHR-2	1 1/2	CSR	32 43 46	1909 1661 1604	2420 2117 2048	3050 2682 2600	3800 3358 3262	4674 4151 4041	5098 4538 4421	5674 5065 4940	6804 6104 5965	5/8 3/8	2/350	7.06
259515	TFHT4518YHR-2		3Ø	46	1604	2048	2600	3262	4041	4421	4940	5965	3/8		3.37
259516	FHT4525YHR-2	2	CSR	32 43 46	2306 2007 1937	3138 2745 2655	4000 3517 3409	4940 4365 4240	6006 5335 5192	6526 5809 5659	7245 6467 6307	8710 7814 7636	5/8 3/8	2/350	8.95
259517	TFHT4525YHR-2		3Ø	46	1937	2655	3409	4240	5192	5659	6307	7636	3/8		3.64
259518	TAGT4528YHR-2	2 1/2	3Ø	32 43 46	2267 1973 1904	3103 2715 2626	4073 3581 3471	5179 4577 4446	6426 5708 5555	7020 6249 6088	7818 6978 6806	9359 8396 -	7/8 3/8	2/400	3.65
259519	TAGT4534YHR-2	2 3/4	3Ø	32 43 46	2940 2559 2470	3954 3459 3346	5115 4497 4360	6426 5679 5516	7893 7011 6823	8588 7644 7448	9519 8497 8287	11308 10144 9914	7/8 3/8	2/400	4.62
259520	TAGT4537YHR-2	3	3Ø	32 43 46	3167 2756 2470	4294 3757 3634	5586 4911 4761	7042 6223 6045	8662 7694 7488	9427 8391 8175	10447 9325 9095	12396 11121 10868	7/8 3/8	2/400	4.97
259521	TAGT4543YHR-2	3 1/2	3Ø	32 43 46	3547 3174 3063	4856 4248 4109	6249 5494 5326	7834 6923 6725	9615 8540 8312	10462 9312 9073	11597 10351 10096	13791 12372 -	7/8 3/8	2/400	5.29

► Capacity Rating Basis:

11K Return gas superheat, temperature of refrigerant at condenser outlet is subcooled within the condensing limits of the unit. Current FLA are given at nominal voltage, 32°C ambient, 32°C return gas and 7.2°C evaporating.



HTA EVO Condensing Units

Selection Data



R404A - Hermetic Reciprocating

Medium / High Temperature Applications

Cat. No.	Model	Compressor		Amb. Temp °C	R404A Capacity: Watts Evaporating Temperature: °C								Conns. Suct. Liquid in inches	Cond. Fan(s) 240V No./Dia. mm	Nom. Current Comp. + Fan(s) FLA
		Nom HP	Motor Type		-25	-20	-15	-10	-5	0	5	10			
259645	EPCH9510Z-1PH	1	CSR	32 43 46	736 634 609	960 831 801	1211 1054 1017	1484 1298 1256	1781 1566 1518	2098 1854 1801	2587 2303 2243	2786 2487 -	5/8 3/8	1/320	5.45
259646	EPCH9513Z-1PH	1 1/8	CSR	32 43 46	961 828 796	1265 1095 1055	1592 1386 1337	1947 1703 1648	2336 2054 1991	2762 2441 2371	3456 3076 2997	3753 3350 3267	5/8 3/8	1/350	6.83
259647	EPCH4517Z-1PH	1 1/4	CSR	32 43 46			1850 1610 1554	2251 1969 1905	2719 2391 2317	3229 2853 2772	3979 3542 3451	4259 3802 -	5/8 3/8	1/350	7.54
259649	EPCH4519Z-1PH	1 1/2	CSR	32 43 46			2154 1875 1809	2856 2498 2417	3532 3105 3010	4202 3713 3607	5197 4626 4507	5606 5004 4881	5/8 3/8	1/400	10.12
259651	EPCH4524Z-1PH	2	CSR	32 43 46			2654 2310 2229	3315 2900 2805	4012 3527 3419	4750 4198 4077	5905 5256 5121	6387 5701 -	5/8 3/8	1/400	10.72
259653	EPCH4531Z-1PH	2 1/2	CSR	32 43 46			3594 3128 3019	4508 3944 3815	5462 4802 4655	6464 5712 5549	8009 7129 6945	8646 7717 7527	7/8 1/2	2/350	14.7
259654	EPCH4531Z-3PH		3Ø												5.30
259656	EPCH4540Z-3PH	3	3Ø	32 43 46			4419 3846 3712	5465 4781 4624	6571 5777 5600	7759 6857 6660	9655 8594 8373	10464 9340 9110	7/8 1/2	2/400	6.41
259657	EPCH4546Z-3PH	4	3Ø	32 43 46			4591 3646 3399	5859 4689 4389	7310 5890 5529	8965 7263 6833	10848 8827 8319	12997 10609 10011	7/8 5/8	2/400	6.91
259658	EPCH4553Z-3PH	4 1/2	3Ø	32 43 46			5359 4664 4502	6769 5922 5728	8359 7349 7124	10101 8926 8671	12834 11424 11130	13953 12454 -	7/8 5/8	2/400	7.23
259659	EPCH4561Z-3PH	5	3Ø	32 43 46			5509 4794 4628	6954 6083 5884	8691 7641 7407	10639 9402 9133	13649 - -	14838 - -	1 1/8 5/8	2/400	9.24
259660	EPCH4568Z-3PH	6	3Ø	32 43 46			6765 5888 5863	8820 7716 7463	10928 9608 9314	13102 11578 11247	16346 14550 14175	17647 15752 15363	1 1/8 5/8	2/400	9.64
259661	EPCH4573Z-3PH	6 1/2	3Ø	32 43 46			7410 6449 6224	9224 8069 7805	11205 9851 9550	13354 11801 11463	16346 14932 14548	17647 16257 15856	1 1/8 5/8	2/400	10.34

- Capacity Rating Basis: 11K Return gas superheat, temperature of refrigerant at condenser outlet is subcooled within the condensing limits of the unit. Current FLA are given at nominal voltage, 32°C ambient, 32°C return gas and 7.2°C evaporating.
- Motor Types:
- CSIR: Capacitor Start, Induction Run, 1 Phase, 50 Hz, 220-240 Volt
 - CSR: Capacitor Start and Run, 1 Phase, 50 Hz, 220-240 Volt
 - 3Ø: 3 Phase, 50 Hz, 400 Volt



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HTA EVO Condensing Units

Selection Data



R404A - Hermetic Reciprocating

Low Temperature Applications

Cat. No.	Model	Compressor		Amb. Temp °C	R404A Capacity: Watts Evaporating Temperature: °C							Conns. Suct: Liquid in inches	Cond. Fan(s) 240V No./Dia. mm	Nom. Current Comp. + Fan(s) FLA
		Nom HP	Motor Type		-40	-35	-30	-23.3	-20	-15	-10			
259632	EPCL2511Z-1PH	2 ½	CSR	32 43 46	1194 940 877	1744 1402 1317	2356 1934 1828	3274 2762 2632	3767 3219 3080	4566 3979 3830	5427 4821 4666	⅝ ⅜	2/350	12.0
259633	EPCL2511Z-3PH		3Ø											3.88
259634	EPCL2516Z-3PH	4	3Ø	32 43 46	1671 1316 1226	2429 1954 1834	3268 2683 2536	4519 3812 3633	5188 4434 4243	6269 5463 5258	7430 6600 6388	⅞ ⅜	2/350	5.11
259635	EPCL2522Z-3PH	5 ½	3Ø	32 43 46	2024 1594 1486	3077 2474 2323	4202 3450 3261	5826 4915 4684	6674 5704 5458	8019 6989 6726	9438 8383 8114	1 ⅝ ⅜	2/400	6.09

► Capacity Rating Basis: Return gas at ambient temperature, temperature of refrigerant at condenser outlet is subcooled within the condensing limits of the unit. Current FLA are given at nominal voltage, 32°C ambient and -23.3°C evaporating.

R134a - Hermetic Reciprocating

Medium / High Temperature Applications

Cat. No.	Model	Compressor		Amb. Temp °C	R134a Capacity : Watts Evaporating Temperature : °C								Conns. Suct: Liquid in inches	Cond. Fan(s) 240V No./Dia. mm	Nom. Current Comp. + Fan(s) FLA
		Nom. HP	Motor Type		-15	-10	-5	0	5	7.2	10	15			
259676	EPCH4518Y-1PH	1½	CSR	32 43 46	1909 1661 1604	2420 2117 2048	3050 2682 2600	3800 3358 3262	4674 4151 4041	5098 4538 4421	5674 5065 4940	6804 6104 5965	⅝ ⅜	2/350	7.06
259677	EPCH4518Y-3PH		3Ø												3.37
259678	EPCH4525Y-1PH	2	CSR	32 43 46	2306 2007 1937	3138 2745 2655	4000 3517 3409	4940 4365 4240	6006 5335 5192	6526 5809 5659	7245 6467 6307	8710 7814 7636	⅝ ⅜	2/350	8.95
259679	EPCH4525Y-3PH		3Ø												3.64
259680	EPCH4528Y-3PH	2½	3Ø	32 43 46	2267 1973 1904	3103 2715 2626	4073 3581 3471	5179 4577 4446	6426 5708 5555	7020 6249 6088	7818 6978 6806	9359 8396 —	⅞ ⅜	2/400	3.65
259682	EPCH4537Y-3PH	3	3Ø	32 43 46	3167 2756 2470	4294 3757 3634	5586 4911 4761	7042 6223 6045	8662 7694 7488	9427 8391 8175	10447 9325 9095	12396 11121 10868	⅞ ⅜	2/400	4.97
259683	EPCH4543Y-3PH	3½	3Ø	32 43 46	3547 3174 3063	4856 4248 4109	6249 5494 5326	7834 6923 6725	9615 8540 8312	10462 9312 9073	11597 10351 10096	13791 12372 —	⅞ ⅜	2/400	5.29

► Capacity Rating Basis: 11K Return gas superheat, temperature of refrigerant at condenser outlet is subcooled within the condensing limits of the unit. Current FLA are given at nominal voltage, 32°C ambient, 32°C return gas and 7.2°C evaporating.

► Motor Types:

- CSIR: Capacitor Start, Induction Run, 1 Phase, 50 Hz, 220-240 VCSR: Capacitor Start and Run, 1 Phase, 50 Hz, 220-240 Volt
- 3Ø: 3 Phase, 50 Hz, 400 Volt



EVO Scroll Condensing Units

Selection Data



R134a - ZB Scroll

Medium Temperature Applications

Cat. No.	Model	Compressor		Amb. Temp °C	R134a Capacity: Watts Evaporating Temperature: °C						Conns. Suct: Liquid in inches	Cond. Fan(s) 240V No./Dia. mm	Nom. Current Comp. + Fan(s) FLA
		Nom HP	Motor Type		-15	-10	-5	0	5	10			
259684	EPCHZB48-3PH	6.5	3Ø	32 35 38 43	5705 5496 5285	7230 6935 6628 6182	8923 8644 8341 7730	10790 10441 10061 9382	12856 12460 12012 11300	15158 14684 14207 13313	7/8 1/2	2/500	21.6
259685	EPCHZB58-3PH	8	3Ø	32 35 38 43	6903 6674 6446	8579 8302 8014 7542	10504 10168 9843 9257	12712 12292 11901 11206	15151 14691 14181 13376	17850 17324 16806 15756	1 1/8 5/8	2/500	27.6
259686	EPCHZB76-3PH	10	3Ø	32 35 38 43	8942 8651 8357	11080 10690 10321	13545 13065 12611 11837	16305 15804 15234 14292	19407 18788 18173 17108	22794 22014 21234 20114	1 1/8 5/8	2/500	31.5
259687	EPCHZB95-3PH	13	3Ø	32 35 38 43	11213 10728 10218	14068 13498 12942	17202 16572 15963 14833	20699 20031 19281 17981	24611 23821 22977 21226	28991 27971 27060 25328	1 1/8 5/8	2/500	32.4
259688	EPCHZB114-3PH	15	3Ø	32 35 38 43	12968 12398	16317 15657 15009	20048 19351 18541 17208	24304 23404 22569 20971	28863 27951 26811 25021	33724 32643 31588 29288	1 1/8 5/8	2/500	36

► Capacity Rating Basis: Capacities based on 18°C return vapour and 3K sub-cooling



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EVO Scroll Condensing Units

Selection Data



R404A - ZB Scroll

Medium Temperature Applications

Cat. No.	Model	Compressor		Amb. Temp °C	R404A Capacity : Watts Evaporating Temperature : °C						Conns. Suct: Liquid in inches	Cond. Fan(s) 240V No./Dia. mm	Nom. Current Comp. + Fan(s) FLA
		Nom. HP	Motor Type		-15	-10	-5	0	5	10			
259684	EPCHZB48-3PH	6.5	3Ø	32	10025	11851	13855	16138	18472		7/8	2/500	21.6
				35	9545	11292	13208	15238	17685				
				38	9029	10662	12555	14509	16605				
				43	8159	9668	11350	13145	15057		1/2		
259685	EPCHZB58-3PH	8	3Ø	32	11828	14148	16741	19387	22131	25472	1 1/8	2/500	27.6
				35	11228	13505	15871	18397	21226	24092			
				38	10560	12755	15127	17533	19996	23157			
				43	9364	11432	13719	15934	18218	20557	5/8		
259686	EPCHZB76-3PH	10	3Ø	32	15358	18258	21210	24333	27896	31145	1 1/8	2/500	31.5
				35	14628	17298	20270	23252	26276	30018			
				38	13818	16433	19070	21812	24510	28038			
				43	13279	14794	17254	19777			5/8		

► Capacity Rating Basis: Capacities based on 18°C return vapour and 3K sub-cooling

R404A - ZF Scroll

Low Temperature Applications

Cat. No.	Model	Compressor		Amb. Temp °C	R404A Capacity : Watts Evaporating Temperature : °C						Conns. Suct: Liquid in inches	Cond. Fan(s) 240V No./Dia. mm	Nom. Current Comp. + Fan(s) FLA
		Nom. HP	Motor Type		-40	-35	-30	-25	-20	-15	-10		
259636	EPCLZF24-3PH	7.5	3Ø	32	4306	6013	6744	8193	9879	11676	13681	2/500	18.5
				35	4126	5274	6509	7893	9459	11196	13104		
				38	3946	5034	6269	7592	9033	10707	12444		
				43	3595	4634	5786	7006	8268	9807	11416		
259637	EPCLZF33-3PH	10	3Ø	32	6013	7531	9285	11332	13533	16058	18844	2/500	22.7
				35	5713	7229	8909	10819	12933	15400	18031		
				38	5474	6899	8549	10313	12367	14620	17071		
				43	5017	6351	7863	9526	11372	13398	15609		
259638	EPCLZF40-3PH	13	3Ø	32	7201	9112	11263	13595	16182	18998	22168	2/500	26.1
				35	6897	8752	10783	12995	15498	18141	21028		
				38	6597	8384	10286	12421	14718	17291	20034		
				43	6092	7690	9401	11346	13391	15591	18200		

Requires liquid injection to cool the compressor

► Capacity Rating Basis: Capacities based on 18°C return vapour and 3K sub-cooling



HTA Condensing Units

Physical Data



Cat No.	Model No.	Overall Dimensions : mm			Weight kg	Sound Power* Level dBA	Liquid Receiver capacity: kg
		Height	Depth	Width			

R404A Medium/High Temperature

259590	AEZT4425ZHR	257	352	316	20	59	0.75
259591	AEZT4430ZHR	300	495	345	24.4	64	1.5
259593	AEZT9440ZMHR	300	495	355	28	66	1.5
259594	CAET9450ZMHR	340	495	430	29	68	2.35
259595	CAET9460ZMHR	340	495	430	29	68	2.35
259596	CAET9470ZMHR	340	495	430	30	67	2.35
259597	CAJT9480ZMHR	340	485	430	41	66	2.35
259599	CAJ T 9510ZMHR-2	395	610	510	43	69	2.35
259600	CAJT9513ZMHR-2	445	630	510	45	74	2.35
259602	CAJT4517ZHR-2	445	630	510	51	75	2.35
259603	TAJT4517ZHR-2	445	630	510	48	75	2.35
259604	CAJT4519ZHR-2	558	600	600	72	78	6.0
259605	TAJT4519ZHR-2	558	600	600	51	78	6.0
259608	FHT4524ZHR-2	558	608	600	73	79	6.0
259609	TFHT4524ZHR-2	558	608	600	69	79	6.0
259610	FHT4531ZHR-2	469	642	1002	80	77	6.0
259611	TFHT4531ZHR-2	469	642	1002	78	77	6.0
259586	FHT4540ZHR-2	565	650	1080	112	82	6.0
259612	TFHT4540ZHR-2	565	650	1080	90	81	6.0
259613	TAGT4546ZHR-2	565	644	1080	98	84	6.0
259614	TAGT4553ZHR-2	565	644	1080	97	84	6.0
259615	TAGT4561ZHR-2	565	644	1080	106	84	9.5
259616	TAGT4568ZHR-2	565	650	1080	135	84	9.5
259617	TAGT4573ZHR-2	565	650	1080	135	83	9.5

R404A Low Temperature

259570	CAET2417ZBR	300	495	350	24	62	0.75
259571	CAET2420ZBR	300	495	350	24.3	66	1.5
259572	CAET2424ZBR	340	495	430	25.5	68	1.5
259573	CAJ2428ZBR	340	485	430	33.4	69	1.5
259574	CAJT2432ZBR	340	485	430	33.4	70	1.5
259575	CAJT2446ZBR	340	485	430	35.8	71	1.5
259576	CAJT2464ZBR-2	445	610	510	43.3	71	2.35
259577	TAJT2464ZBR-2	445	610	510	43.1	75	2.35
259578	FHT2480ZBR-2	445	630	510	59	76	3.9
259579	TFHT2480ZBR-2	445	630	510	59	75	3.9
259585	FHT2511ZBR-2	469	618	1002	101	77	6.0
259580	TFHT2511ZBR-2	469	618	1002	101	78	6.0
259581	TAGT2516ZBR-2	465	593	1020	107	78	6.0
259582	TAGT2522ZBR-2	565	650	1080	107	81	6.0

► All Dimensions Nominal subject to change without notice

► Subtract 17dBA to convert to sound pressure at 3m distance



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ACTROL

HTA Condensing Units

Physical Data



Cat No.	Model No.	Overall Dimensions : mm		Weight kg	Sound Power* Level dBA	Liquid Receiver capacity: kg
		Height	Depth			

R134a Medium / High Temperature

259503	AEZT4425YHR	257	352	316	19	60	0.75
259504	AEZT4430YHR	300	495	355	22.3	64	1.5
259505	CAET4440YHR	300	495	355	22.8	66	1.5
259506	CAET4448YHR	340	495	430	25.2	68	2.35
259507	CAET4456YHR	340	495	430	25.6	68	2.35
259508	CAJT4452YHR	340	485	430	33.1	69	2.35
259509	CAJT4461YHR	340	485	430	32.2	68	2.35
259510	CAJT4476YHR	340	485	430	36.5	66	2.35
259511	CAJT4492YHR-2	445	610	510	42.1	74	2.35
259512	CAJT4511YHR-2	445	610	510	40.2	74	2.35
259513	TAJT4511YHR-2	445	610	510	41	74	2.35
259514	FHT4518YHR-2	469	618	1002	80	76	6.0
259515	TFHT4518YHR-2	469	618	1002	80.5	76	6.0
259516	FHT4525YHR-2	469	618	1002	78.5	78	6.0
259517	TFHT4525YHR-2	469	618	1002	79	78	6.0
259518	TAGT4528YHR-2	565	650	1080	87	81	6.0
259519	TAGT4534YHR-2	565	650	1080	98	80	6.0
259520	TAGT4537YHR-2	565	650	1080	98	80	6.0
259521	TAGT4543YHR-2	565	650	1080	104	81	9.5

- All Dimensions Nominal subject to change without notice
- Subtract 17dBA to convert to sound pressure at 3m distance



HTA EVO Condensing Units

Physical Data



Cat No.	Model No.	Overall Dimensions			Weight kg	Sound Power* Level dBA	Liquid Receiver capacity: kg
		Height	Depth	Width			

R404A Medium / High Temperature

259645	EPCH9510Z-1PH	395	610	510	68	69	2.35
259646	EPCH9513Z-1PH	445	630	510	70	69	2.35
259647	EPCH4517Z-1PH	445	630	510	76	74	2.35
259649	EPCH4519Z-1PH	558	600	600	90	78	6.0
259651	EPCH4524Z-1PH	558	608	600	98	79	6.0
259653	EPCH4531Z-1PH	540	642	1002	105	77	6.0
259654	EPCH4531Z-3PH	540	642	1002	105	77	6.0
259656	EPCH4540Z-3PH	565	650	1080	118	81	6.0
259657	EPCH4546Z-3PH	565	644	1080	123	84	6.0
259658	EPCH4553Z-3PH	565	644	1080	125	84	6.0
259659	EPCH4561Z-3PH	565	644	1080	131	84	9.5
259660	EPCH4568Z-3PH	565	650	1080	133	84	9.5
259661	EPCH4573Z-3PH	565	650	1080	135	83	9.5

R404A Low Temperature

259632	EPCL2511Z-1PH	540	618	1002	115	77	6.0
259633	EPCL2511Z-3PH	540	618	1002	115	78	6.0
259634	EPCL2516Z-3PH	540	593	1020	120	78	6.0
259635	EPCL2522Z-3PH	565	650	1080	135	81	6.0

R134a Medium Temperature

259676	EPCH4518Y-1PH	540	618	1002	105	76	6.0
259677	EPCH4518Y-3PH	540	618	1002	105	76	6.0
259678	EPCH4525Y-1PH	540	618	1002	106	78	6.0
259679	EPCH4525Y-3PH	540	618	1002	106	78	6.0
259680	EPCH4528Y-3PH	565	650	1080	122	81	6.0
259682	EPCH4537Y-3PH	565	650	1080	122	80	6.0
259683	EPCH4543Y-3PH	565	650	1080	125	81	9.5

- ▶ All Dimensions Nominal subject to change without notice
- ▶ Subtract 17dBA to convert to sound pressure at 3m distance



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EVO Scroll Condensing Units

Physical Data



Cat No.	Model No.	Overall Dimensions : mm			Weight kg	Sound Power* Level dBA	Liquid Receiver capacity: kg
		Height	Depth	Width			

R134a Medium Temperature

259684	EPCHZB48-3PH	880	760	1420	167	77	10.0
259685	EPCHZB58-3PH	880	760	1420	240	78	12
259686	EPCHZB76-3PH	880	760	1420	245	78	12
259687	EPCHZB95-3PH	880	760	1420	305	78	12
259688	EPCHZB114-3PH	880	760	1420	315	82	12

R404A Medium Temperature

259684	EPCHZB48-3PH	880	760	1420	167	77	10
259685	EPCHZB58-3PH	880	760	1420	240	78	12
259686	EPCHZB76-3PH	880	760	1420	245	78	12

R404A Low Temperature

259636	EPCLZF24-3PH	880	760	1420	320	84	12
259637	EPCLZF33-3PH	880	760	1420	32	84	12
259638	EPCLZF40-3PH	880	760	1420	332	84	12

- All Dimensions Nominal subject to change without notice
- Subtract 17dBA to convert to sound pressure at 3m distance



Accessories

Unit Covers

For use indoors & out, Hermetique's condensing unit covers are aesthetically pleasing whilst providing increased protection from weather & accidental or intentional damage. Supplied flat packed, the covers are both galvanised and powder coated to provide long life and include fixings. The covers attach directly to the unit base utilising the preformed mounting points on HTA EVO and HTA condensing units.



Features include:

- Galvanised & powder coated panels
- Flat packed for easy onsite assembly
- Designed specifically to fit HTA EVO and HTA units
- Includes fixings

Cat No	Part No	Description	Suits Condensing Unit Models			
			R404A		R134a	
262142	1000004	Small Condensing Unit Cover	CAJT9510ZMHR	EPCH9510Z-1PH	CAJT4492YHR	
			CAJT9513ZMHR	EPCH9513Z-1PH	CAJT4511YHR	
			CAJT4517ZHR	EPCH4517Z-1PH	TAJT4511YHR	
			TAJT4517ZHR			
			CAJT2464ZBR			
			TAJT2464ZBR			
			FHT2480ZBR			
			TFHT2480ZBR			
262144	1000005	Medium Condensing Unit Cover	CAJT4519ZHR	EPCH4519Z-1PH		
			TAJT4519ZHR			
			FHT4524ZHR	EPCH4524Z-1PH		
			TFHT4524ZHR			
262146	1000006	Large Condensing Unit Cover	FHT4531ZHR	EPCH4531Z-1PH	FHT4518YHR	EPCH4518Y-1PH
			TFHT4531ZHR	EPCH4531Z-3PH	TFHT4518YHR	EPCH4518Y-3PH
			TFHT4540ZHR	EPCH4540Z-3PH	FHT4525YHR	EPCH4525Y-1PH
			TAGT4546ZHR	EPCH4546Z-3PH	TFHT4525YHR	EPCH4525Y-3PH
			TAGT4553ZHR	EPCH4553Z-3PH	TAGT4528YHR	EPCH4528Y-3PH
			TAGT4561ZHR	EPCH4561Z-3PH	TAGT4534YHR	
			TAGT4568ZHR	EPCH4568Z-3PH	TAGT4537YHR	EPCH4537Y-3PH
			TAGT4573ZHR	EPCH4573Z-3PH	TAGT4543YHR	EPCH4543Y-3PH
			FHT2511ZBR	EPCL2511Z-1PH		
			TFHT2511ZBR	EPCL2511Z-3PH		
			TAGT2516ZBR	EPCL2516Z-3PH		
			TAGT2522ZBR	EPCL2522Z-3PH		
262148	1000009	Extra Large Condensing Unit Cover	EPCHZB48 3PH		EPCHZB48 3PH	
			EPCHZB58 3PH		EPCHZB58 3PH	
			EPCHZB76 3PH		EPCHZB76 3PH	
			EPCLZF24 3PH		EPCHZB95 3PH	
			EPCLZF33 3PH		EPCHZB114 3PH	
			EPCLZF40 3PH			



A selection of our range



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