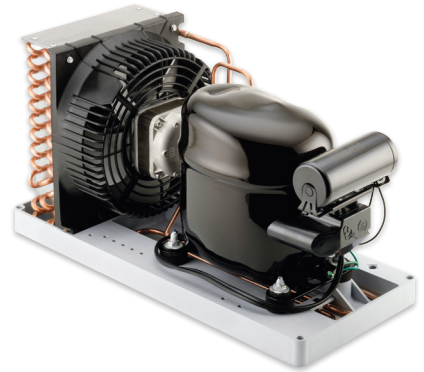
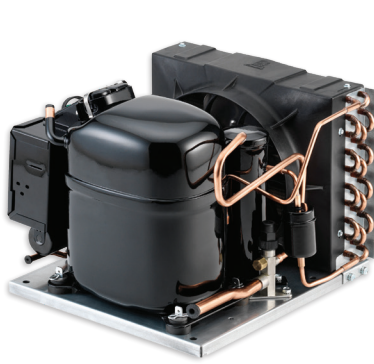


# CONDENSING UNIT CATALOG

NORTH AMERICA



## TABLE OF CONTENTS

**WORLD RENOWNED  
CONDENSING UNITS** 3

**CONDENSING UNITS  
LINE CARD** 4

**APPLICATIONS** 4

## PERFORMANCE DATA

**CELSEON 2.0** 5  
LOW & MEDIUM TEMPERATURE  
APPLICATION

**CELSEON AIR COOLED** 7  
HIGH TEMPERATURE APPLICATION . . . . . 7  
MEDIUM TEMPERATURE APPLICATION . . 10  
LOW TEMPERATURE APPLICATION . . . . . 12

**CELSEON EVAPORATIVE  
CONDENSATE** 14  
HIGH TEMPERATURE APPLICATION . . . . .14  
MEDIUM TEMPERATURE APPLICATION . .16  
LOW TEMPERATURE APPLICATION . . . . . 18

**STANDARD AIR COOLED** 19  
HIGH TEMPERATURE APPLICATION . . . . . 19  
MEDIUM TEMPERATURE APPLICATION . . 22  
LOW TEMPERATURE APPLICATION . . . . .25

**STANDARD WATER COOLED** 28  
HIGH TEMPERATURE APPLICATION  
MEDIUM TEMPERATURE APPLICATION  
COMMERCIAL TEMPERATURE APPLICATION  
LOW TEMPERATURE APPLICATION

## TECHNICAL DATA

**CELSEON 2.0** 29

**CELSEON AIR COOLED** 30

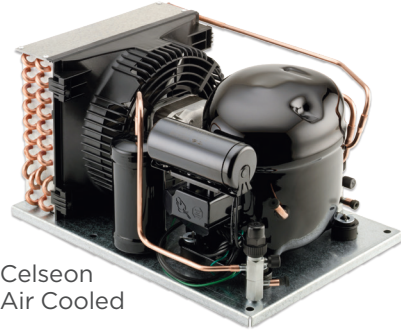
**CELSEON EVAPORATIVE  
CONDENSATE** 35

**STANDARD AIR COOLED** 37

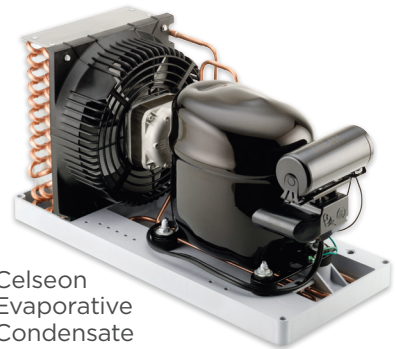
**STANDARD WATER  
COOLED** 42



Celseon 2.0



Celseon  
Air Cooled



Celseon  
Evaporative  
Condensate



Standard  
Air Cooled



Standard  
Water Cooled

# WORLD RENOWNED CONDENSING UNITS



Our wide range of condensing units are backed by 90 years of commercial refrigeration expertise. From small indoor evaporative units, to large indoor and outdoor units, we have the right solution for any demand in the commercial refrigeration market.

## APPLICATION RATING POINTS

### EVAPORATING RANGES:

HIGH TEMPERATURE (HBP)	+10°F TO +55°F (-12.2°C TO +12.8°C)
MEDIUM/COMMERCIAL TEMPERATURE (MBP/CBP)	-5°F TO +40°F (-20.6°C TO +4.4°C)
LOW TEMPERATURE (LBP)	-40°F TO +5°F (-40°C TO -15.0°C)

### AMBIENT OPERATING TEMPERATURE:

+80°F (+26.6°C) TO +110°F (+43.3°C)

## ABOUT US

Tecumseh's Global Headquarters in Ann Arbor, Michigan serves as the regional management center for North America. Other North American facilities include a manufacturing facility and distribution center in Tupelo, Mississippi; a distribution center and offices near London, Ontario, Canada; and Monterrey, Mexico.

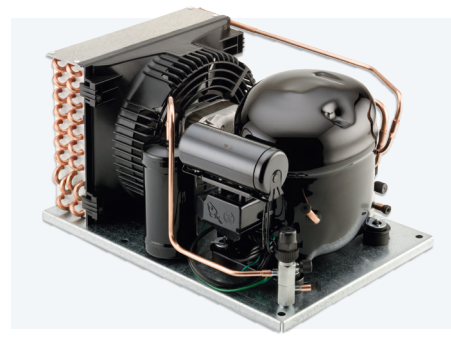


# CONDENSING UNITS LINE CARD



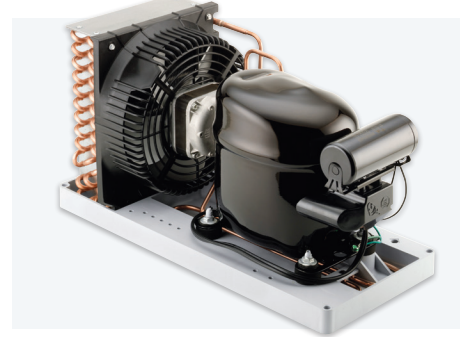
## CELSEON 2.0

High efficiency indoor condensing units optimized to operate with low-GWP refrigerants such as R-290.



## CELSEON AIR COOLED

Fractional indoor units that are easy to install, service and fit almost every installation requirement. Low-profile, compact and focusing on a capacity range of 1/9 up to 1 1/4 HP. Now available with R-290 refrigerant.



## CELSEON EVAPORATIVE CONDENSATE

NO DRAIN...NO PROBLEM! Made to be compact without compromising efficiency. The perfect choice when it is impractical to run condensate lines across a floor or ceiling.



## STANDARD AIR COOLED

Modular Design. True Simplicity. Our Standard Profile Units are designed specifically for refrigeration applications where reliable cooling is required under varying loads and operating conditions. Leveraging on decades of refrigeration reliability and robust design.



## STANDARD WATER COOLED

Focusing on a capacity range of 1 1/2 to 6 3/4 HP, our water-cooled units are designed to operate quietly and developed specifically for hospitality applications in harsh operating environments where high ambient temperatures rule out the use of air-cooled units.

## APPLICATIONS



Wine cooler

Chest Freezer

Ice Machine

Ice Cream Freezer

Kitchen Equipment

Reach-in Cooler

Sushi Case

# CELSEON 2.0

## LOW-GWP INDOOR CONDENSING UNIT



CU FAMILY	BASE TYPE	BASE TYPE	APPLICATION	NOMINAL CAPACITY	REFRIGERANT	POWER SUPPLY	CONDENSER COIL	FAN MOTOR	FACTORY INSTALLED OPTIONS	GENERATION	IF CUSTOM	OPTIONS
<b>CL</b>	<b>S</b>	<b>A</b>	<b>W</b>	<b>413</b>	<b>U</b>	<b>AA</b>	<b>5</b>	<b>E</b>	<b>S</b>	<b>1</b>	<b>-</b>	<b>P</b>
<b>Celseon 2.0</b>	S=Standard	A=Chassis 0 B=Chassis 1 C=Chassis 1.5	W=L/MBP LST X=L/MBP HST 1=LBP LST 2=LBP HST	First number is total digits. Remainder is capacity in Btu/h.	U=R-290	AA=115/60/1 GS=220/60/1; 220/50/1	5=5 mm	E=EC Fan Motor P=Shaded Pole	S=Sweat Connections P=Sweat Connections, Filter Drier C=Custom	1 (st)		P=Power Cord

## LOW & MEDIUM TEMPERATURE APPLICATION

### R-290

MODEL	HP	CAPACITY (BTU/H) – 60 HZ											
		AMBIENT (°F)	-30	-25	-20	-15	-10	-5	0	5	10	15	20
CLSAW330UAA5EP1	1/10	80	191	228	269	314	361	409	467	525	593	668	747
		90	181	218	256	300	344	389	443	501	563	634	709
		100	160	194	232	273	314	358	406	460	522	587	655
		110	133	167	201	239	280	321	365	413	471	529	593
CLSAW350UAA5EP1	1/8	80	341	385	440	501	569	641	723	805	890	979	1067
		90	310	351	399	457	518	587	662	743	825	907	992
		100	276	314	358	409	467	532	600	679	757	835	914
		110	246	276	317	365	419	477	542	614	692	767	842
CLSAW380U**5EP1	1/6	80	460	525	604	689	781	873	975	1,084	1,197	1,320	1,442
		90	426	488	559	638	726	812	907	1,006	1,115	1,228	1,340
		100	385	443	512	583	665	747	835	928	1,026	1,132	1,238
		110	348	402	460	529	604	682	764	853	945	1,040	1,139
CLSAW410UAAEP1	1/4	80	679	774	876	985	1,098	1,217	1,347	1,480	1,623	1,773	1,927
		90	607	699	801	904	1,013	1,122	1,245	1,374	1,507	1,650	1,794
		100	546	631	730	829	931	1,033	1,149	1,269	1,398	1,531	1,664
		110	484	566	662	757	853	951	1,057	1,173	1,289	1,415	1,541
CLSAW413UGS5EP1	1/3	80	893	1,003	1,129	1,258	1,402	1,548	1,712	1,886	2,073	2,271	2,472
		90	822	931	1,047	1,170	1,303	1,439	1,586	1,746	1,920	2,101	2,285
		100	747	849	962	1,074	1,197	1,320	1,459	1,603	1,760	1,927	2,094
		110	668	771	873	982	1,095	1,207	1,333	1,466	1,606	1,760	1,913
CLSAX413UAA5EP1	1/3	80	805	928	1,071	1,228	1,398	1,572	1,760	1,961	2,169	2,384	2,592
		90	805	914	1,040	1,176	1,320	1,473	1,637	1,811	1,995	2,186	2,373
		100	760	859	972	1,091	1,224	1,354	1,500	1,657	1,818	1,988	2,159
		110	685	784	887	999	1,115	1,238	1,367	1,507	1,650	1,804	1,957

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

**LOW & MEDIUM TEMPERATURE APPLICATION**

**R-290**

CONTINUED

MODEL	HP	CAPACITY (BTU/H) – 60 HZ											
		AMBIENT (°F)	-30	-25	-20	-15	-10	-5	0	5	10	15	20
CLSAX415U**5EP1	1/3	80	972	1,091	1,228	1,374	1,535	1,698	1,882	2,073	2,278	2,489	2,701
		90	893	1,006	1,132	1,265	1,415	1,565	1,736	1,910	2,097	2,292	2,486
		100	812	917	1,033	1,159	1,292	1,436	1,586	1,749	1,920	2,097	2,274
		110	726	829	938	1,054	1,180	1,306	1,446	1,592	1,749	1,913	2,073
CLSBX419UAA5EP1	1/2	80	1,136	1,286	1,453	1,633	1,828	2,022	2,240	2,469	2,704	2,953	3,202
		90	1,061	1,204	1,361	1,531	1,712	1,896	2,094	2,309	2,527	2,759	2,991
		100	975	1,112	1,262	1,419	1,586	1,756	1,944	2,138	2,343	2,554	2,769
		110	880	1,016	1,156	1,303	1,459	1,620	1,790	1,971	2,159	2,353	2,551
CLSBX424UAA5EP1	1/2	80	1,507	1,678	1,876	2,087	2,319	2,554	2,813	3,086	3,372	3,669	3,956
		90	1,395	1,558	1,746	1,951	2,169	2,394	2,636	2,892	3,164	3,437	3,707
		100	1,286	1,442	1,620	1,811	2,015	2,227	2,455	2,690	2,946	3,199	3,448
		110	1,183	1,330	1,497	1,674	1,865	2,060	2,271	2,489	2,721	2,953	3,182
CLSBX428UAA5EP1	1/2	80	1,548	1,753	1,981	2,223	2,476	2,735	3,011	3,297	3,598	3,901	4,198
		90	1,436	1,627	1,838	2,060	2,298	2,537	2,793	3,066	3,345	3,628	3,904
		100	1,313	1,487	1,681	1,889	2,111	2,332	2,571	2,827	3,089	3,352	3,611
		110	1,183	1,347	1,528	1,719	1,923	2,131	2,356	2,595	2,837	3,089	3,332
CLSCX419UAA5EP1	1/2	80	1,146	1,306	1,483	1,671	1,876	2,084	2,312	2,558	2,813	3,083	3,355
		90	1,067	1,221	1,395	1,572	1,760	1,954	2,169	2,397	2,636	2,888	3,141
		100	979	1,125	1,292	1,459	1,637	1,818	2,015	2,227	2,448	2,680	2,919
		110	887	1,026	1,180	1,344	1,507	1,678	1,862	2,056	2,261	2,476	2,694
CLSCX424UAA5EP1	1/2	80	1,545	1,725	1,930	2,152	2,397	2,650	2,926	3,222	3,533	3,860	4,184
		90	1,425	1,599	1,794	2,008	2,240	2,482	2,745	3,025	3,321	3,625	3,928
		100	1,313	1,480	1,664	1,869	2,087	2,312	2,561	2,820	3,100	3,383	3,666
		110	1,204	1,364	1,538	1,729	1,933	2,141	2,373	2,615	2,875	3,137	3,396
CLSCX428UAA5EP1	1/2	80	1,579	1,797	2,039	2,298	2,571	2,851	3,154	3,471	3,809	4,150	4,484
		90	1,473	1,674	1,896	2,138	2,394	2,653	2,936	3,236	3,546	3,867	4,184
		100	1,347	1,535	1,743	1,964	2,203	2,445	2,708	2,987	3,280	3,577	3,870
		110	1,211	1,388	1,582	1,790	2,008	2,234	2,479	2,742	3,014	3,294	3,574
CLSBX433UAA5EP1	3/4	80	1,841	2,063	2,298	2,547	2,803	3,069	3,359	3,662	3,979	4,314	4,648
		90	1,702	1,910	2,138	2,370	2,615	2,861	3,134	3,417	3,713	4,027	4,338
		100	1,562	1,763	1,974	2,193	2,418	2,646	2,902	3,168	3,441	3,727	4,017
		110	1,432	1,616	1,814	2,015	2,227	2,435	2,670	2,912	3,164	3,430	3,693
CLSCX433UAA5EP1	3/4	80	1,865	2,094	2,339	2,595	2,864	3,141	3,444	3,765	4,102	4,453	4,808
		90	1,719	1,940	2,172	2,418	2,673	2,929	3,219	3,519	3,833	4,164	4,498
		100	1,579	1,787	2,008	2,237	2,476	2,714	2,984	3,263	3,553	3,860	4,170
		110	1,446	1,640	1,845	2,056	2,278	2,500	2,748	3,004	3,274	3,557	3,843

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

# CELSEON AIR COOLED

1/10<sup>TH</sup> TO 1 HP FRACTIONAL  
INDOOR CONDENSING UNIT



CU FAMILY	CONDENSING UNIT RELEASE VARIANT	APPLICATION RANGE	NOMINAL CAPACITY	REFRIGERANT	POWER SUPPLY	COMPRESSOR MOTOR TYPE		RELEASE VARIANT/FEATURE OPTIONS				
AE	(BLANK)	4	430	Z	AA	1A		S	K			
TH	A = 1 <sup>st</sup>	X = Low/Med HST	First number is total digits. Remainder is capacity in Btu/h.	Z = R-404A, R-448A/R-449A	AA = 115/60/1	1 = Induction Run (RSIS/CSIR)	A = Std Motor Efficiency	S = Shaded Pole	K = (39) Sweat Connections & Power Cord			
TC	B = 2 <sup>nd</sup> etc	W = Low/Med LST		Y = R-134a, R-513A	GS = 220/60/1; 220/50/1					2 = Optional Run Cap	B = Med Motor Efficiency	C = ECM Fan
AE		1 & 2 = Low		U = R-290	NA = 208-230/60/1							
AK		0, 7 & 9 = Med/Commercial			XA = 115/60/1; 100/50/1	Blank for TH Compressor Family Models						
AJ		3 & 4 = High			XN = 208-230/60/1; 200-220/50/1							
					FZ = 220-240/50/1				B = (49) Sweat Connections, Power Cord & Receiver Tank			
					XD = 208-230/60/1; 200/50/1				C = (59) Sweat Connections, Power Cord, Receiver Tank & Service Valves			
									S = (69) Sweat Connections, Power Cord & Service Valves			

## HIGH TEMPERATURE APPLICATION

### R-134a

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	15°F	20°F	25°F	30°F	35°F	45°F
AE4425Y-FZ****	1/5	220/50/1	80	1,249	1,448	1,643	1,837	2,028	2,402
			90	1,141	1,330	1,515	1,697	1,875	2,220
			100	1,037	1,211	1,381	1,545	1,704	2,007
			110	942	1,095	1,241	1,382	1,516	1,766
AE3425Y-AA****	1/5	115/60/1	80	1,465	1,662	1,857	2,051	2,244	2,625
			90	1,352	1,535	1,717	1,898	2,077	2,431
			100	1,239	1,409	1,577	1,744	1,910	2,237
			110	1,127	1,283	1,438	1,591	1,743	2,044
AE4425Y-AA****	1/5	115/60/1	80	1,511	1,751	1,988	2,222	2,454	2,907
			90	1,380	1,609	1,834	2,053	2,269	2,686
			100	1,255	1,466	1,670	1,869	2,061	2,428
			110	1,139	1,325	1,502	1,672	1,834	2,137
AE4430Y-FZ****	1/4	220/50/1	80	1,466	1,649	1,844	2,052	2,273	2,750
			90	1,339	1,511	1,695	1,891	2,099	2,550
			100	1,228	1,386	1,555	1,735	1,927	2,344
			110	1,122	1,261	1,412	1,573	1,745	2,120
AE4430Y-AA****	1/4	115/60/1	80	1,775	1,995	2,230	2,481	2,747	3,326
			90	1,622	1,830	2,051	2,288	2,539	3,083
			100	1,488	1,680	1,884	2,103	2,334	2,838
			110	1,354	1,526	1,710	1,906	2,115	2,569
AE4440Y-FZ1****	1/3	220/50/1	80	1,867	2,075	2,295	2,525	2,766	3,278
			90	1,734	1,929	2,132	2,343	2,562	3,022
			100	1,596	1,779	1,968	2,162	2,362	2,776
			110	1,456	1,630	1,808	1,988	2,171	2,544

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

# PERFORMANCE DATA

## HIGH TEMPERATURE APPLICATION

### R-134a

CONTINUED

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	15°F	20°F	25°F	30°F	35°F	45°F
AE4440Y-AA****	1/3	115/60/1	80	2,257	2,512	2,778	3,057	3,348	3,968
			90	2,103	2,337	2,580	2,834	3,097	3,654
			100	1,932	2,151	2,377	2,610	2,851	3,355
			110	1,761	1,970	2,183	2,402	2,625	3,087
AE4440Y-XN****	1/3	208-230/60/1	80	2,280	2,536	2,805	3,087	3,381	4,008
			90	2,126	2,362	2,608	2,864	3,130	3,692
			100	1,953	2,174	2,403	2,638	2,881	3,389
			110	1,778	1,990	2,206	2,427	2,652	3,117
AKA7437YAA**	1/2	115/60/1	80	3,634	4,085	4,592	5,165	5,816	7,401
			90	3,255	3,667	4,128	4,649	5,243	6,695
			100	2,884	3,265	3,688	4,166	4,710	6,043
			110	2,509	2,866	3,260	3,701	4,203	5,434
AE4450Y-AA****	1/2	115/60/1	80	3,058	3,406	3,770	4,150	4,546	5,385
			90	2,815	3,140	3,481	3,838	4,211	5,005
			100	2,572	2,874	3,192	3,527	3,877	4,625
			110	2,329	2,608	2,903	3,215	3,542	4,244
AE4460Y-AA****	1/2	115/60/1	80	3,425	3,820	4,230	4,653	5,090	6,005
			90	3,175	3,555	3,949	4,357	4,779	5,664
			100	2,924	3,290	3,669	4,062	4,468	5,324
			110	2,674	3,024	3,388	3,766	4,158	4,983
AKA4457YAA**	1/2	115/60/1	80	3,446	3,878	4,317	4,763	5,216	6,141
			90	3,080	3,491	3,906	4,324	4,745	5,597
			100	2,732	3,121	3,509	3,898	4,286	5,061
			110	2,396	2,761	3,121	3,478	3,830	4,525
AKA4457YNA**	1/2	208-230/60/1	80	3,446	3,878	4,317	4,763	5,216	6,141
			90	3,080	3,491	3,906	4,324	4,745	5,597
			100	2,732	3,121	3,509	3,898	4,286	5,061
			110	2,396	2,761	3,121	3,478	3,830	4,525
AKA4472YAA**	3/4	115/60/1	80	4,385	4,925	5,484	6,059	6,653	7,894
			90	3,880	4,405	4,941	5,488	6,047	7,197
			100	3,438	3,936	4,439	4,946	5,458	6,495
			110	3,012	3,472	3,931	4,387	4,840	5,741
AJ4480Y-AA****	3/4	115/60/1	80	4,738	5,305	5,883	6,467	7,051	8,201
			90	4,264	4,791	5,328	5,871	6,413	7,477
			100	3,811	4,299	4,796	5,298	5,799	6,778
			110	3,380	3,829	4,287	4,749	5,209	6,106
AKA4472YNA**	3/4	208-230/60/1	80	4,385	4,925	5,484	6,059	6,653	7,894
			90	3,880	4,405	4,941	5,488	6,047	7,197
			100	3,438	3,936	4,439	4,946	5,458	6,495
			110	3,012	3,472	3,931	4,387	4,840	5,741
AJ4480Y-XD****	3/4	208-230/60/1	80	4,738	5,305	5,883	6,467	7,051	8,201
			90	4,264	4,791	5,328	5,871	6,413	7,477
			100	3,811	4,299	4,796	5,298	5,799	6,778
			110	3,380	3,829	4,287	4,749	5,209	6,106
AJ4480Y-XD1ADK	3/4	208-230/60/1	80	4,844	5,437	6,030	6,623	7,215	8,399
			90	4,382	4,938	5,494	6,050	6,605	7,715
			100	3,920	4,439	4,958	5,477	5,996	7,032
			110	3,457	3,940	4,422	4,904	5,386	6,348

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.



## R-513A

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	15°F	20°F	25°F	30°F	35°F	45°F
AE3425Y-AA****	1/5	115/60/1	80	2,403	2,510	2,676	2,903	3,190	3,943
			90	2,232	2,306	2,439	2,633	2,887	3,574
			100	2,062	2,102	2,203	2,363	2,584	3,205
			110	1,891	1,898	1,966	2,093	2,280	2,835
AE4440Y-AA****	1/3	115/60/1	80	2,403	2,510	2,676	2,903	3,190	3,943
			90	2,232	2,306	2,439	2,633	2,887	3,574
			95	2,147	2,204	2,321	2,498	2,735	3,389
			100	2,061	2,102	2,203	2,363	2,584	3,204
			110	1,891	1,898	1,966	2,093	2,280	2,835

## R-404A

AE4425Z-AA****	1/5	115/60/1	80	1,689	1,896	2,115	2,343	2,577	3,046
			90	1,518	1,709	1,912	2,122	2,336	2,763
			100	1,351	1,527	1,712	1,904	2,098	2,482
			110	1,189	1,348	1,515	1,688	1,863	2,203
AE4430Z-AA****	1/4	115/60/1	80	1,905	2,127	2,353	2,582	2,808	3,242
			90	1,718	1,921	2,128	2,337	2,543	2,935
			100	1,536	1,720	1,907	2,096	2,282	2,632
			110	1,359	1,523	1,692	1,860	2,026	2,335
AE4440Z-AA****	1/3	115/60/1	80	2,380	2,621	2,880	3,157	3,453	4,100
			90	2,142	2,364	2,599	2,849	3,113	3,684
			100	1,911	2,102	2,303	2,513	2,733	3,204
			110	1,641	1,789	1,943	2,102	2,267	2,615
AE4450Z-AA****	1/2	115/60/1	80	3,404	3,709	4,026	4,353	4,692	5,404
			90	3,078	3,356	3,646	3,947	4,260	4,918
			100	2,751	3,003	3,267	3,541	3,827	4,432
			110	2,425	2,650	2,887	3,135	3,394	3,946
AE4470Z-AA****	3/4	115/60/1	80	4,688	5,089	5,498	5,915	6,341	7,218
			90	4,227	4,589	4,959	5,338	5,725	6,524
			100	3,766	4,089	4,420	4,760	5,108	5,830
			110	3,305	3,589	3,882	4,182	4,492	5,136

## R-290

AE4440U-AA****	1/3	115/60/1	80	2,620	2,910	3,195	3,473	3,744	4,260
			90	2,447	2,719	2,986	3,245	3,497	3,974
			100	2,272	2,527	2,776	3,017	3,250	3,688
			110	2,101	2,339	2,571	2,794	3,009	3,408

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

# PERFORMANCE DATA

## MEDIUM TEMPERATURE APPLICATION

### R-134a

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	-10°F	0°F	10°F	20°F	25°F	30°F
THA0370YXA**	1/9	115/60/1; 100/50/1	80	409	523	686	891	1,008	1,133
			90	383	483	630	817	924	1,039
			100	359	445	576	747	845	950
			110	330	403	520	674	763	859
THB0410YXA**	1/8	115/60/1; 100/50/1	80	604	784	1,032	1,332	1,497	1,670
			90	543	715	952	1,240	1,398	1,563
			100	483	647	874	1,150	1,301	1,459
			110	420	578	797	1,062	1,207	1,358
AJ7455Y-AA****	3/4	115/60/1	80	2,765	3,831	4,954	6,134	6,746	7,372
			90	2,423	3,401	4,442	5,547	6,124	6,717
			100	2,035	2,935	3,904	4,944	5,491	6,055
			110	1,656	2,487	3,395	4,380	4,901	5,441

### R-404A

AE4425Z-AA****	1/5	115/60/1	80	1,689	1,896	2,115	2,343	2,577	3,046
			90	1,518	1,709	1,912	2,122	2,336	2,763
			100	1,351	1,527	1,712	1,904	2,098	2,482
			110	1,189	1,348	1,515	1,688	1,863	2,203
AE4430Z-AA****	1/4	115/60/1	80	1,905	2,127	2,353	2,582	2,808	3,242
			90	1,718	1,921	2,128	2,337	2,543	2,935
			100	1,536	1,720	1,907	2,096	2,282	2,632
			110	1,359	1,523	1,692	1,860	2,026	2,335
AE4440Z-AA****	1/3	115/60/1	80	2,380	2,621	2,880	3,157	3,453	4,100
			90	2,142	2,364	2,599	2,849	3,113	3,684
			100	1,911	2,102	2,303	2,513	2,733	3,204
			110	1,641	1,789	1,943	2,102	2,267	2,615
AKA9430ZAA**	1/3	115/60/1	80	1,892	2,342	2,893	3,545	3,910	4,299
			90	1,473	1,930	2,460	3,060	3,388	3,733
			100	1,151	1,631	2,152	2,716	3,013	3,321
			110	655	1,171	1,698	2,238	2,513	2,790
AKA9430ZNA**	1/3	208-230/60/1	80	1,892	2,342	2,893	3,545	3,910	4,299
			90	1,473	1,930	2,460	3,060	3,388	3,733
			100	1,151	1,631	2,152	2,716	3,013	3,321
			110	655	1,171	1,698	2,238	2,513	2,790
AKA9442ZAA**	1/2	115/60/1	80	2,497	3,313	4,251	5,309	5,884	6,488
			90	2,073	2,806	3,657	4,627	5,157	5,716
			100	1,776	2,415	3,171	4,042	4,521	5,030
			110	1,430	1,965	2,613	3,376	3,799	4,252
AKA9442ZNA**	1/2	208-230/60/1	80	2,497	3,313	4,251	5,309	5,884	6,488
			90	2,073	2,806	3,657	4,627	5,157	5,716
			100	1,776	2,415	3,171	4,042	4,521	5,030
			110	1,430	1,965	2,613	3,376	3,799	4,252

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

CONTINUES ON NEXT PAGE

## R-404A

CONTINUED

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	-10°F	0°F	10°F	20°F	25°F	30°F
AKA9457ZAA**	3/4	115/60/1	80	3,584	4,335	5,284	6,431	7,079	7,777
			90	3,030	3,752	4,646	5,710	6,307	6,946
			100	2,549	3,228	4,051	5,018	5,555	6,129
			110	2,110	2,731	3,469	4,323	4,794	5,294
AKA9463ZAA**	3/4	115/60/1	80	4,129	4,936	5,926	7,098	7,753	8,453
			90	3,280	4,191	5,223	6,376	6,998	7,650
			100	2,768	3,662	4,616	5,629	6,157	6,701
			110	2,427	3,183	3,937	4,689	5,065	5,440
AKA9457ZNA**	3/4	208-230/60/1	80	3,815	4,528	5,428	6,514	7,127	7,787
			90	3,112	3,931	4,856	5,886	6,440	7,021
			100	2,620	3,468	4,341	5,238	5,695	6,159
			110	2,055	2,856	3,600	4,287	4,609	4,917
AKA9463ZNA**	3/4	208-230/60/1	80	3,959	4,883	5,932	7,121	7,774	8,467
			90	3,309	4,233	5,249	6,375	6,983	7,625
			100	2,830	3,682	4,595	5,585	6,114	6,668
			110	2,473	3,181	3,919	4,702	5,116	5,546
AKA9463ZNA**	3/4	208-230/60/1	80	5,197	4,834	5,495	6,826	7,632	8,473
			90	4,400	4,147	4,848	6,148	6,913	7,695
			100	3,931	3,666	4,286	5,436	6,100	6,763
			110	3,635	3,240	3,659	4,539	5,041	5,525
AJ7480Z-NA3A**	1	208-230/60/1	80	5,253	6,510	7,733	8,912	9,484	10,041
			90	4,599	5,767	6,892	7,965	8,479	8,978
			100	3,894	4,954	5,961	6,909	7,357	7,788
			110	3,313	4,246	5,117	5,919	6,292	6,645

## LOW TEMPERATURE APPLICATION

### R-134a

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	-30°F	-25°F	-20°F	-10°F	0°F	10°F
THB1358YXA**	1/8	100 - 115/60/1	80	439	471	518	653	843	1,088
			90	402	430	472	597	776	1,009
			100	368	391	428	542	710	929
			110	337	355	387	490	645	851
AE2410Y-AA****	1/4	115/60/1	80	496	610	739	1,034	1,377	1,762
			90	431	538	657	932	1,250	1,606
			100	391	491	602	857	1,151	1,479
			110	341	434	537	773	1,044	1,345
AE2413Y-AA****	1/3	115/60/1	80	762	909	1,068	1,421	1,811	2,231
			90	699	834	981	1,307	1,669	2,059
			100	638	761	896	1,196	1,531	1,891
			110	578	690	814	1,090	1,398	1,730

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

# PERFORMANCE DATA

## LOW TEMPERATURE APPLICATION

### R-290

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	-30°F	-25°F	-20°F	-10°F	0°F	10°F
TCW380U-AA6BCK	1/5	115/60/1	80	871	948	1,032	1,221	1,435	1,677
			90	792	863	941	1,116	1,317	1,545
			100	714	778	849	1,010	1,199	1,413
			110	635	693	757	905	1,080	1,281
TCW410U-AA6BCK	1/5	115/60/1	80	714	936	1,152	1,569	1,963	2,335
			90	684	885	1,079	1,452	1,803	2,131
			100	654	833	1,006	1,335	1,642	1,926
			110	625	782	933	1,218	1,481	1,722
AE2413U-AA1ACK	5/16	115/60/1	80	862	1,001	1,147	1,464	1,825	2,240
			90	776	905	1,040	1,337	1,679	2,078
			100	703	820	944	1,218	1,540	1,920
			110	638	741	852	1,103	1,401	1,760
TCX413U-AA1BCK	1/3	115/60/1	80	1,111	1,229	1,357	1,641	1,963	2,324
			90	1,036	1,138	1,250	1,502	1,792	2,121
			100	962	1,048	1,143	1,363	1,621	1,918
			110	887	957	1,036	1,224	1,450	1,715
TCW413U-GS8ECK	1/3	220/50/1; 220/60/1	80	1,110	1,231	1,360	1,639	1,947	2,285
			90	1,027	1,135	1,250	1,502	1,784	2,095
			100	944	1,039	1,140	1,366	1,620	1,905
			110	862	942	1,031	1,229	1,457	1,714
AEX424U-FZ3BCK	1/2	220/50/1	80	1,483	1,649	1,822	2,187	2,578	2,994
			90	1,379	1,530	1,688	2,022	2,383	2,769
			100	1,274	1,410	1,553	1,857	2,187	2,543
			110	1,170	1,291	1,418	1,693	1,993	2,318
AE2420U-AA1ACK	1/2	115/60/1	80	1,192	1,359	1,536	1,921	2,349	2,820
			90	1,113	1,268	1,432	1,792	2,194	2,640
			100	1,035	1,176	1,327	1,661	2,038	2,459
			110	955	1,083	1,222	1,530	1,881	2,276
AEX419U-AA1BCK	1/2	115/60/1	80	1,465	1,608	1,747	2,011	2,258	2,488
			90	1,344	1,497	1,645	1,928	2,193	2,442
			100	1,224	1,386	1,543	1,845	2,129	2,396
			110	1,104	1,275	1,441	1,761	2,064	2,350

### R-404A

AE2410Z-AA****	1/4	115/60/1	80	519	648	783	1,064	1,349	1,625
			90	501	609	724	969	1,222	1,469
			100	460	550	649	864	1,090	1,315
			110	404	480	565	756	963	1,171
AE2415Z-AA****	1/3	115/60/1	80	877	1,025	1,187	1,542	1,926	2,326
			90	774	909	1,056	1,380	1,730	2,092
			100	680	801	934	1,227	1,544	1,869
			110	587	696	815	1,077	1,360	1,648

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

CONTINUES ON NEXT PAGE

## R-404A

CONTINUED

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	-30°F	-25°F	-20°F	-10°F	0°F	10°F
AE2420Z-AA****	1/2	115/60/1	80	1,295	1,470	1,664	2,098	2,582	3,102
			90	1,161	1,326	1,507	1,913	2,364	2,844
			100	1,026	1,179	1,348	1,725	2,140	2,579
			110	898	1,039	1,194	1,540	1,918	2,314
AJ2423Z-AA****	1/2	115/60/1	80	1,460	1,720	1,992	2,570	3,196	3,869
			90	1,256	1,494	1,741	2,263	2,821	3,416
			100	1,041	1,264	1,493	1,971	2,475	3,004
			110	803	1,017	1,235	1,682	2,144	2,621
AJ2425Z-AA****	1/2	115/60/1	80	1,914	2,370	2,835	3,770	4,669	5,482
			90	1,469	1,891	2,322	3,184	4,005	4,736
			100	1,064	1,452	1,848	2,636	3,380	4,030
			110	699	1,053	1,414	2,129	2,796	3,363
AE2425Z-AA****	3/4	115/60/1	80	1,565	1,810	2,072	2,636	3,238	3,858
			90	1,390	1,616	1,858	2,378	2,930	3,495
			100	1,213	1,419	1,640	2,114	2,615	3,123
			110	1,050	1,237	1,436	1,863	2,311	2,762
AKA2430ZAA**	3/4	115/60/1	80	1,842	2,225	2,619	3,432	4,261	5,086
			90	1,494	1,853	2,222	2,981	3,749	4,506
			100	1,172	1,507	1,851	2,554	3,260	3,950
			110	877	1,187	1,505	2,152	2,796	3,416
AJ2439Z-AA****	3/4	115/60/1	80	2,746	3,143	3,556	4,403	5,238	6,012
			90	2,405	2,765	3,139	3,901	4,643	5,314
			100	2,083	2,406	2,740	3,416	4,063	4,632
			110	1,778	2,063	2,357	2,947	3,498	3,962
AJ2447Z-NA****	1 1/4	208-230/60/1	80	3,266	3,732	4,221	5,232	6,227	7,136
			90	2,853	3,282	3,731	4,654	5,549	6,346
			100	2,464	2,854	3,261	4,092	4,883	5,564
			110	2,095	2,444	2,808	3,542	4,225	4,785

## R-448A/R-449A

AE2415Z-AA****	1/3	115/60/1	80	894	1,024	1,162	1,465	1,801	2,171
			90	805	924	1,052	1,334	1,649	1,998
			100	716	825	942	1,203	1,497	1,825
			110	627	726	833	1,072	1,345	1,652
AE2420Z-AA****	1/2	115/60/1	80	1,081	1,239	1,406	1,767	2,166	2,603
			90	971	1,117	1,273	1,612	1,988	2,402
			100	861	996	1,140	1,456	1,810	2,201
			110	751	875	1,007	1,301	1,632	2,000

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

## PERFORMANCE DATA

# CELSEON EVAPORATIVE CONDENSATE

## 1/9<sup>TH</sup> TO 1/3<sup>RD</sup> HP EVAPORATIVE CONDENSING UNIT



CJ FAMILY	CONDENSING UNIT RELEASE VARIANT	APPLICATION RANGE	NOMINAL CAPACITY	REFRIGERANT	POWER SUPPLY	COMPRESSOR MOTOR TYPE		RELEASE VARIANT/FEATURE OPTIONS	
TH	A	0	370	Y	XA	(BLANK)		G	K
TH	A = 1 <sup>st</sup>	X = Low/Med HST	First number is total digits.	Z = R-404A, R-448A/R-449A	AA = 115/60/1	1 = Induction Run (RSJS/CSIR)	A = Std Motor Efficiency	G/E = Evaporative Condensate	K = (39) Sweat Connections & Power Cord B = (49) Sweat Connections, Power Cord & Receiver Tank C = (59) Sweat Connections, Power Cord, Receiver Tank & Service Valves S = (69) Sweat Connections, Power Cord & Service Valves
TC	B = 2 <sup>nd</sup> etc	1 & 2 = Low	Remainder is capacity in Btu/h.	Y = R-134a, R-513A	XA = 115/60/1; 100/50/1	2 = Optional Run Cap	B = Med Motor Efficiency		
AE		0, 7 & 9 = Med/Commercial 3 & 4 = High		U = R-290	FZ = 220-240/50/1	3 = Start/Run Cap (CSR)	C = High Motor Efficiency		
						Blank for TH Compressor Family Models			

## HIGH TEMPERATURE APPLICATION

### R-134a

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	15°F	20°F	25°F	30°F	35°F	45°F
AE3425Y-AA****	1/5	115/60/1	80	1,438	1,656	1,869	2,078	2,283	2,685
			90	1,329	1,522	1,714	1,905	2,097	2,486
			100	1,255	1,423	1,594	1,769	1,949	2,326
			110	1,114	1,257	1,408	1,567	1,736	2,103
AE4430Y-AA****	1/4	115/60/1	80	1,772	2,022	2,269	2,512	2,751	3,220
			90	1,642	1,864	2,088	2,312	2,538	2,992
			100	1,545	1,739	1,940	2,146	2,359	2,800
			110	1,406	1,574	1,753	1,942	2,141	2,570
AE4440Y-AA****	1/3	115/60/1	80	2,306	2,558	2,816	3,080	3,351	3,918
			90	2,108	2,356	2,605	2,856	3,110	3,629
			100	1,929	2,169	2,405	2,639	2,872	3,335
			110	1,759	1,987	2,207	2,419	2,626	3,025

### R-290

AE4440U-AA****	1/3	115/60/1	80	2,580	2,830	3,084	3,340	3,596	4,103
			90	2,400	2,635	2,874	3,114	3,355	3,826
			100	2,222	2,444	2,669	2,895	3,120	3,559
			110	2,056	2,266	2,478	2,691	2,901	3,311

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

## R-404A

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	15°F	20°F	25°F	30°F	35°F	45°F
AE4425Z-FZ****	1/5	220/50/1	80	1,291	1,433	1,578	1,727	1,875	2,163
			90	1,149	1,278	1,412	1,547	1,682	1,941
			100	1,014	1,130	1,251	1,372	1,493	1,722
			110	883	986	1,093	1,200	1,307	1,505
AE4425Z-AA****	1/5	115/60/1	80	1,563	1,736	1,914	2,093	2,269	2,599
			90	1,392	1,549	1,711	1,872	2,030	2,322
			100	1,227	1,369	1,514	1,659	1,800	2,055
			110	1,070	1,197	1,327	1,456	1,580	1,799
AE4430Z-AA****	1/4	115/60/1	80	1,782	1,988	2,203	2,422	2,641	3,064
			90	1,600	1,790	1,986	2,187	2,386	2,767
			100	1,423	1,596	1,775	1,956	2,135	2,473
			110	1,250	1,405	1,566	1,728	1,887	2,181
AE4440Z-AA****	1/3	115/60/1	80	2,192	2,425	2,663	2,902	3,135	3,566
			90	1,952	2,163	2,379	2,594	2,803	3,181
			100	1,720	1,909	2,102	2,293	2,478	2,804
			110	1,494	1,662	1,832	1,999	2,159	2,434

## R-407A

AE4440Z-AA****	1/3	115/60/1	80	1,846	2,032	2,226	2,428	2,639	3,085
			90	1,719	1,901	2,092	2,291	2,498	2,938
			100	1,591	1,770	1,958	2,153	2,357	2,790
			110	1,464	1,640	1,824	2,016	2,216	2,642

## R-448A/R-449A

AE4425Z-AA****	1/5	115/60/1	80	1,601	1,694	1,774	1,840	1,892	1,955
			90	1,481	1,571	1,648	1,711	1,760	1,817
			100	1,361	1,448	1,522	1,582	1,628	1,679
			110	1,241	1,325	1,396	1,453	1,496	1,541
AE4425Z-AA****	1/5	115/60/1	80	1,611	1,739	1,866	1,992	2,118	2,367
			90	1,472	1,594	1,715	1,836	1,956	2,194
			100	1,333	1,449	1,565	1,680	1,794	2,021
			110	1,194	1,305	1,415	1,524	1,633	1,848
AE4440Z-AA****	1/3	115/60/1	80	2,197	2,398	2,594	2,785	2,970	3,326
			90	1,992	2,178	2,358	2,533	2,703	3,028
			100	1,788	1,958	2,123	2,282	2,437	2,730
			110	1,583	1,738	1,887	2,031	2,170	2,432

## R-452A

AE4440Z-AA****	1/3	115/60/1	80	2,308	2,553	2,813	3,087	3,377	4,000
			90	2,055	2,277	2,515	2,767	3,033	3,611
			100	1,802	2,002	2,217	2,446	2,690	3,223
			110	1,550	1,727	1,919	2,125	2,347	2,834

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

# PERFORMANCE DATA

## HIGH TEMPERATURE APPLICATION

### R-513A

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	15°F	20°F	25°F	30°F	35°F	45°F
AE4425Y-AA****	1/5	115/60/1	80	1,566	1,800	2,037	2,245	2,393	2,378
			90	1,429	1,617	1,822	2,011	2,154	2,171
			100	1,340	1,484	1,659	1,832	1,972	2,026
			110	1,200	1,302	1,449	1,608	1,748	1,843
AE4430Y-AA****	1/4	115/60/1	80	1,836	2,094	2,350	2,602	2,851	3,334
			90	1,702	1,931	2,163	2,396	2,630	3,100
			100	1,601	1,802	2,009	2,223	2,443	2,900
			110	1,459	1,631	1,816	2,011	2,218	2,662
AE4440Y-AA****	1/3	115/60/1	80	2,403	2,510	2,676	2,903	3,190	3,943
			90	2,232	2,306	2,439	2,633	2,887	3,574
			100	2,062	2,102	2,203	2,363	2,584	3,205
			110	1,891	1,898	1,966	2,093	2,280	2,835

## MEDIUM TEMPERATURE APPLICATION

### R-134a

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	-10°F	0°F	10°F	20°F	25°F	30°F
THA0370YXA**	1/9	115/60/1; 100/50/1	80	399	513	673	873	987	1,108
			90	372	473	618	801	906	1,018
			100	348	436	566	733	829	932
			110	319	394	510	660	748	842
THA0410YXA**	1/8	115/60/1; 100/50/1	80	609	777	1,011	1,295	1,451	1,613
			90	551	703	920	1,186	1,332	1,485
			100	490	628	830	1,080	1,218	1,362
			110	429	555	744	981	1,111	1,248

### R-290

THA9416UAA**	1/5	115/60/1	80	1,012	1,254	1,475	1,727	1,882	2,064
			90	922	1,197	1,436	1,690	1,839	2,012
			100	785	1,076	1,315	1,553	1,688	1,843
			110	690	980	1,201	1,405	1,517	1,645
TCX413U-AA****	1/3	115/60/1	80	1,119	1,238	1,364	1,642	1,951	2,293
			90	1,032	1,138	1,252	1,503	1,787	2,103
			100	945	1,038	1,139	1,365	1,623	1,914
			110	858	938	1,026	1,227	1,460	1,725
TCX415U-AA1BAL	1/3	115/60/1	80	991	1,124	1,264	1,565	1,893	2,249
			90	892	1,013	1,141	1,418	1,723	2,055
			100	794	903	1,019	1,272	1,552	1,860
			110	695	792	896	1,125	1,382	1,666

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.



## R-404A

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	-10°F	0°F	10°F	20°F	25°F	30°F
AE4425Z-FZ****	1/5	220/50/1	80	1,291	1,433	1,578	1,727	1,875	2,163
			90	1,149	1,278	1,412	1,547	1,682	1,941
			100	1,014	1,130	1,251	1,372	1,493	1,722
			110	883	986	1,093	1,200	1,307	1,505
AE4430Z-AA****	1/4	115/60/1	80	1,782	1,988	2,203	2,422	2,641	3,064
			90	1,600	1,790	1,986	2,187	2,386	2,767
			100	1,423	1,596	1,775	1,956	2,135	2,473
			110	1,250	1,405	1,566	1,728	1,887	2,181
AE4440Z-AA****	1/3	115/60/1	80	2,192	2,425	2,663	2,902	3,135	3,566
			90	1,952	2,163	2,379	2,594	2,803	3,181
			100	1,720	1,909	2,102	2,293	2,478	2,804
			110	1,494	1,662	1,832	1,999	2,159	2,434

## R-407A

AE4440Z-AA****	1/3	115/60/1	80	1,846	2,032	2,226	2,428	2,639	3,085
			90	1,719	1,901	2,092	2,291	2,498	2,938
			100	1,591	1,770	1,958	2,153	2,357	2,790
			110	1,464	1,640	1,824	2,016	2,216	2,642

## R-448A/R-449A

AE4440Z-AA****	1/3	115/60/1	80	2,197	2,398	2,594	2,785	2,970	3,326
			90	1,992	2,178	2,358	2,533	2,703	3,028
			100	1,788	1,958	2,123	2,282	2,437	2,730
			110	1,583	1,738	1,887	2,031	2,170	2,432

## R-452A

AE4440Z-AA****	1/3	115/60/1	80	2,308	2,553	2,813	3,087	3,377	4,000
			90	2,055	2,277	2,515	2,767	3,033	3,611
			100	1,802	2,002	2,217	2,446	2,690	3,223
			110	1,550	1,727	1,919	2,125	2,347	2,834

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

**LOW TEMPERATURE APPLICATION**

**R-290**

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	-30°F	-25°F	-20°F	-10°F	0°F	10°F
AE2413U-AA****	5/16	115/60/1	80	833	965	1,102	1,397	1,730	2,111
			90	753	874	1,000	1,275	1,590	1,954
			100	683	792	907	1,161	1,455	1,801
			110	623	720	823	1,053	1,326	1,651
TCX413U-AA****	1/3	115/60/1	80	1,119	1,238	1,364	1,642	1,951	2,293
			90	1,032	1,138	1,252	1,503	1,787	2,103
			100	945	1,038	1,139	1,365	1,623	1,914
			110	858	938	1,026	1,227	1,460	1,725
TCX415U-AA1BAL	1/3	115/60/1	80	991	1,124	1,264	1,565	1,893	2,249
			90	892	1,013	1,141	1,418	1,723	2,055
			100	794	903	1,019	1,272	1,552	1,860
			110	695	792	896	1,125	1,382	1,666

**R-404A**

AE2410Z-AA****	1/4	115/60/1	80	500	609	730	1,001	1,300	1,614
			90	431	530	641	888	1,160	1,445
			100	370	459	559	783	1,029	1,284
			110	312	392	481	681	900	1,127
AE2415Z-AA****	1/3	115/60/1	80	1,086	1,242	1,402	1,730	2,058	2,374
			90	805	941	1,083	1,384	1,694	2,003
			100	728	840	962	1,228	1,515	1,812
			110	664	750	849	1,075	1,333	1,610

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

# STANDARD AIR COOLED

1/7<sup>TH</sup> TO 5 HP INDOOR CONDENSING UNIT  
EVAPORATIVE CONDENSATE OPTIONS AVAILABLE



CJ FAMILY	CONDENSING UNIT RELEASE VARIANT	APPLICATION RANGE	NOMINAL CAPACITY	REFRIGERANT	POWER SUPPLY	COMPRESSOR MOTOR TYPE	RELEASE VARIANT/FEATURE OPTIONS		
AJ	(BLANK)	4	514	Y	XD	3A	X	B	
TH TC AE AK AJ AW AG VS (Scroll) HG (Rotary)	A = 1 <sup>st</sup> B = 2 <sup>nd</sup> etc	X = Low/Med HST 1 & 2 = Low 0, 7 & 9 = Med/Commercial 3 & 4 = High	First number is total digits. Remainder is capacity in Btu/h.	Z = R-404A, R-448A/R-449A Y = R-134a, R-513A U = R-290	AA = 115/60/1 NA = 208-230/60/1 XA = 115/60/1; 100/50/1 FZ = 220-240/50/1 XD = 208-230/60/1; 200/50/1 KZ = 220/60/3; 220/50/3	1 = Induction Run (RSIS/CSIR) 2 = Optional Run Cap 3 = Start/Run Cap (CSR)	A = Std Motor Efficiency B = Med Motor Efficiency C = High Motor Efficiency	G/E = Evaporative Condensate X = Standard	K = (39) Sweat Connections & Power Cord B = (49) Sweat Connections, Power Cord & Receiver Tank C = (59) Sweat Connections, Power Cord, Receiver Tank & Service Valves S = (69) Sweat Connections, Power Cord & Service Valves

## HIGH TEMPERATURE APPLICATION

### R-134a

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	15°F	20°F	25°F	30°F	35°F	45°F
AE3425Y-AA****	1/5	115/60/1	80	1,465	1,662	1,857	2,051	2,244	2,625
			90	1,352	1,535	1,717	1,898	2,077	2,431
			100	1,239	1,409	1,577	1,744	1,910	2,237
			110	1,127	1,283	1,438	1,591	1,743	2,044
AE4430Y-FZ****	1/4	220/50/1	80	1,904	2,123	2,360	2,615	2,886	3,475
			90	1,763	1,962	2,175	2,402	2,643	3,162
			100	1,613	1,798	1,996	2,204	2,422	2,887
			110	1,404	1,584	1,773	1,970	2,174	2,600
AE4430Y-AA****	1/4	115/60/1	80	1,784	1,979	2,181	2,388	2,601	3,042
			90	1,648	1,833	2,023	2,219	2,421	2,838
			100	1,520	1,695	1,876	2,063	2,255	2,652
			110	1,396	1,564	1,738	1,917	2,102	2,483
AE4430Y-XA****	1/4	115/60/1; 100/50/1	80	1,875	2,106	2,352	2,612	2,886	3,476
			90	1,750	1,956	2,175	2,404	2,646	3,163
			100	1,607	1,798	1,997	2,206	2,423	2,886
			110	1,401	1,584	1,774	1,970	2,173	2,598
AE4430Y-AA****	1/4	115/60/1	80	1,784	1,979	2,181	2,388	2,601	3,042
			90	1,648	1,833	2,023	2,219	2,421	2,838
			100	1,520	1,695	1,876	2,063	2,255	2,652
			110	1,396	1,564	1,738	1,917	2,102	2,483
AE4450Y-FZ****	1/3	220/50/1	80	2,664	2,967	3,292	3,639	4,008	4,813
			90	2,494	2,778	3,079	3,394	3,725	4,433
			100	2,224	2,490	2,763	3,046	3,336	3,944
			110	2,027	2,271	2,517	2,764	3,013	3,516

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

# PERFORMANCE DATA

## HIGH TEMPERATURE APPLICATION

### R-134a

CONTINUED

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	15°F	20°F	25°F	30°F	35°F	45°F
AE4440Y-AA1AXA	1/3	115/60/1	80	2,217	2,532	2,829	3,109	3,370	3,837
			90	2,074	2,359	2,626	2,874	3,105	3,511
			100	1,931	2,185	2,422	2,640	2,840	3,186
			110	1,788	2,012	2,218	2,406	2,575	2,860
AE4440Y-AA1AEC	1/3	115/60/1	80	2,367	2,620	2,887	3,164	3,448	4,019
			90	2,231	2,469	2,719	2,978	3,240	3,760
			100	2,088	2,311	2,543	2,781	3,021	3,489
			110	1,943	2,149	2,363	2,580	2,796	3,211
AE4450Y-AA****	1/3	115/60/1	80	2,874	3,169	3,469	3,771	4,072	4,659
			90	2,677	2,952	3,233	3,516	3,800	4,354
			100	2,481	2,738	3,001	3,268	3,536	4,060
			110	2,298	2,539	2,786	3,038	3,291	3,789
AE4440Y-NA****	1/3	208-230/60/1	80	2,217	2,532	2,829	3,109	3,370	3,837
			90	2,074	2,359	2,626	2,874	3,105	3,511
			100	1,931	2,185	2,422	2,640	2,840	3,186
			110	1,788	2,012	2,218	2,406	2,575	2,860
AJ4492Y-FZ****	3/4	220/50/1	80	4,422	5,051	5,691	6,342	7,004	8,360
			90	4,018	4,599	5,191	5,794	6,407	7,667
			100	3,614	4,147	4,691	5,245	5,811	6,974
			110	3,211	3,696	4,191	4,697	5,214	6,281
AKA4460YXA**	3/4	115/60/1; 100/50/1	80	3,442	3,899	4,370	4,856	5,356	6,397
			90	3,149	3,568	4,002	4,449	4,910	5,871
			100	2,790	3,180	3,585	4,002	4,433	5,334
			110	2,423	2,794	3,178	3,576	3,986	4,844
AJ7465Y-AA****	3/4	115/60/1	80	5,848	6,512	7,194	7,895	8,613	10,107
			90	5,278	5,925	6,591	7,278	7,983	9,455
			100	4,696	5,315	5,954	6,615	7,296	8,723
			110	4,147	4,725	5,326	5,948	6,593	7,952
AJ4492Y-XA1C**	3/4	115/60/1; 100/50/1	80	13,442	10,543	8,574	7,408	6,920	7,475
			90	12,196	9,423	7,551	6,457	6,014	6,579
			100	11,182	8,526	6,746	5,716	5,311	5,872
			110	10,308	7,763	6,067	5,095	4,720	5,263
AKA4476YXD**	3/4	208-230/60/1; 200/50/1	80	4,647	4,916	5,321	5,831	6,413	7,662
			90	4,134	4,424	4,844	5,361	5,944	7,176
			100	3,778	4,055	4,456	4,948	5,498	6,646
			110	3,434	3,666	4,014	4,447	4,932	5,929
AJ4492Y-NA****	3/4	208-230/60/1	80	5,022	5,638	6,267	6,913	7,575	8,954
			90	4,577	5,126	5,689	6,268	6,862	8,104
			100	4,018	4,523	5,041	5,574	6,123	7,272
			110	3,468	3,951	4,447	4,956	5,481	6,581
AJ4492Y-NA****	3/4	208-230/60/1	80	5,022	5,638	6,267	6,913	7,575	8,954
			90	4,577	5,126	5,689	6,268	6,862	8,104
			100	4,018	4,523	5,041	5,574	6,123	7,272
			110	3,468	3,951	4,447	4,956	5,481	6,581

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

CONTINUES ON NEXT PAGE

## R-134a

CONTINUED

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	15°F	20°F	25°F	30°F	35°F	45°F
AJ4512Y-XD****	1	208-230/60/1; 200/50/1	80	6,950	7,860	8,789	9,747	10,744	12,894
			90	6,359	7,263	8,179	9,119	10,091	12,175
			100	5,889	6,780	7,677	8,590	9,531	11,534
			110	5,477	6,346	7,216	8,097	8,999	10,907
AJ4512Y-NA****	1	208-230/60/1	80	9,850	10,760	11,690	12,647	13,644	15,794
			90	6,359	7,263	8,179	9,119	10,091	12,175
			100	5,889	6,780	7,677	8,590	9,531	11,534
			110	5,477	6,346	7,216	8,097	8,999	10,907
AJ4512Y-XD****	1	208-230/60/1; 200/50/1	80	6,950	7,860	8,789	9,747	10,744	12,894
			90	6,359	7,263	8,179	9,119	10,091	12,175
			100	5,889	6,780	7,677	8,590	9,531	11,534
			110	5,477	6,346	7,216	8,097	8,999	10,907
AJ4512Y-NA****	1	208-230/60/1	80	9,850	10,760	11,690	12,647	13,644	15,794
			90	6,359	7,263	8,179	9,119	10,091	12,175
			100	5,889	6,780	7,677	8,590	9,531	11,534
			110	5,477	6,346	7,216	8,097	8,999	10,907

## R-404A

AE4450Z-AA****	1/2	115/60/1	80	3,069	3,356	3,651	3,949	4,247	4,820
			90	2,817	3,071	3,330	3,592	3,851	4,343
			100	2,567	2,787	3,012	3,237	3,458	3,870
			110	2,316	2,504	2,695	2,885	3,069	3,402
AWA7512ZXD**	1	208-230/60/1; 200/50/1	80	12,368	13,642	14,987	16,413	17,929	21,262
			90	10,610	11,683	12,828	14,052	15,365	18,292
			100	9,222	10,166	11,181	12,274	13,456	16,118
			110	7,647	8,533	9,488	10,522	11,643	14,182
AWA7515ZXD**	2	208-230/60/1; 200/50/1	80	14,983	16,375	17,868	19,473	21,201	25,073
			90	13,020	14,220	15,504	16,884	18,372	21,713
			100	11,345	12,375	13,474	14,652	15,922	18,779
			110	9,689	10,573	11,510	12,510	13,585	16,004
AGA9539ZKZ**	5	220/60/3; 220/50/3	80	39,104	43,801	48,770	54,011	59,524	71,367
			90	36,388	40,715	45,306	50,161	55,279	66,306
			100	32,515	36,616	40,971	45,582	50,448	60,945
			110	32,607	36,623	40,886	45,395	50,151	60,403

## R-513A

AE4440Y-AA****	1/3	115/60/1	80	2,252	2,447	2,654	2,875	3,108	3,615
			90	2,041	2,219	2,410	2,614	2,831	3,304
			100	1,831	1,992	2,166	2,353	2,554	2,994
			110	1,620	1,764	1,922	2,093	2,276	2,683
AE4450Y-AA****	1/3	115/60/1	80	2,979	3,282	3,592	3,907	4,228	4,889
			90	2,774	3,058	3,348	3,646	3,950	4,578
			100	2,570	2,835	3,108	3,388	3,675	4,272
			110	2,383	2,629	2,884	3,147	3,419	3,985

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

CONTINUES ON NEXT PAGE

# PERFORMANCE DATA

## HIGH TEMPERATURE APPLICATION

### R-513A

CONTINUED

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	15°F	20°F	25°F	30°F	35°F	45°F
AE4440Y-NA****	1/3	208-230/60/1	80	2,252	2,447	2,654	2,875	3,108	3,615
			90	2,041	2,219	2,410	2,614	2,831	3,304
			100	1,831	1,992	2,166	2,353	2,554	2,994
			110	1,620	1,764	1,922	2,093	2,276	2,683
AKA4460YXA**	3/4	115/60/1; 100/50/1	80	3,350	3,785	4,235	4,699	5,178	6,178
			90	3,082	3,474	3,879	4,299	4,734	5,647
			100	2,814	3,162	3,524	3,900	4,291	5,116
			110	2,546	2,850	3,168	3,500	3,848	4,585
AJ4492Y-FZ****	3/4	220/50/1	80	4,739	5,344	5,957	6,580	7,212	8,502
			90	4,317	4,871	5,434	6,007	6,588	7,777
			100	3,895	4,399	4,911	5,433	5,964	7,052
			110	3,473	3,926	4,388	4,860	5,340	6,327

## MEDIUM TEMPERATURE APPLICATION

### R-134a

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	-10°F	0°F	10°F	20°F	25°F	30°F
THA0370YXA**	1/7	115/60/1; 100/50/1	80	419	555	714	894	993	1,097
			90	384	506	650	816	908	1,005
			100	349	456	586	738	822	912
			110	314	407	522	660	737	820
AZA0370YXA**	1/5	115/60/1; 100/50/1	80	427	536	676	846	943	1,047
			90	308	446	602	778	874	974
			100	184	348	521	701	794	889
			110	73	263	451	634	725	814
THA0410YXA**	1/5	115/60/1; 100/50/1	80	409	705	996	1,290	1,440	1,593
			90	361	649	929	1,207	1,349	1,492
			100	307	587	856	1,121	1,254	1,389
			110	244	518	778	1,031	1,156	1,282
THA0414YAA**	1/2	115/60/1	80	998	1,247	1,521	1,822	1,982	2,148
			90	906	1,148	1,416	1,710	1,867	2,030
			100	814	1,049	1,311	1,599	1,752	1,912
			110	722	951	1,207	1,488	1,638	1,794
AKA7437YXA**	1/2	115/60/1; 100/50/1	80	1,472	2,408	3,352	4,312	4,801	5,298
			90	961	1,955	2,945	3,938	4,438	4,943
			100	677	1,683	2,671	3,650	4,139	4,629
			110	350	1,320	2,259	3,177	3,631	4,082
AJ7465Y-AA****	3/4	115/60/1	80	5,848	6,512	7,194	7,895	8,613	10,107
			90	5,278	5,925	6,591	7,278	7,983	9,455
			100	4,696	5,315	5,954	6,615	7,296	8,723
			110	4,147	4,725	5,326	5,948	6,593	7,952

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

## R-290

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	-10°F	0°F	10°F	20°F	25°F	30°F
TCX415U-AA****	3/8	115/60/1	80	967	1,102	1,246	1,561	1,913	2,303
			90	882	1,001	1,130	1,415	1,737	2,096
			100	797	901	1,015	1,270	1,561	1,889
			110	712	801	900	1,124	1,385	1,683

## R-404A

AE4450Z-AA****	1/2	115/60/1	80	3,069	3,356	3,651	3,949	4,247	4,820
			90	2,817	3,071	3,330	3,592	3,851	4,343
			100	2,567	2,787	3,012	3,237	3,458	3,870
			110	2,316	2,504	2,695	2,885	3,069	3,402
AKA9440ZXA**	1/2	115/60/1; 100/50/1	80	1,725	2,890	3,890	4,899	5,461	6,090
			90	1,337	2,439	3,374	4,315	4,842	5,437
			100	970	2,011	2,882	3,757	4,251	4,812
			110	596	1,578	2,388	3,200	3,661	4,188
AKA9440ZXD**	1/2	208-230/60/1; 200/50/1	80	2,169	2,831	3,605	4,516	5,030	5,587
			90	1,685	2,399	3,179	4,048	4,524	5,030
			100	1,246	1,959	2,690	3,463	3,872	4,301
			110	708	1,365	1,993	2,615	2,931	3,255
HGA9466ZXA**	3/4	115/60/1; 100/50/1	80	4,488	5,295	6,291	7,437	8,054	8,694
			90	3,763	4,713	5,702	6,693	7,177	7,647
			100	3,586	4,509	5,322	5,987	6,253	6,468
			110	3,294	4,018	4,485	4,656	4,619	4,493
AKA9473ZXA**	3/4	115/60/1; 100/50/1	80	4,125	5,197	6,658	8,380	9,301	10,240
			90	3,528	4,507	5,862	7,467	8,325	9,198
			100	2,962	3,840	5,081	6,561	7,351	8,154
			110	2,509	3,277	4,397	5,742	6,461	7,189
AKA9460ZXD**	3/4	208-230/60/1; 200/50/1	80	4,136	4,738	5,607	6,708	7,335	8,006
			90	3,302	3,986	4,893	5,988	6,595	7,235
			100	2,604	3,310	4,193	5,220	5,776	6,355
			110	2,084	2,749	3,548	4,445	4,920	5,406
AKA9463ZXD**	3/4	208-230/60/1; 200/50/1	80	4,237	5,602	6,998	8,428	9,157	9,897
			90	3,746	4,965	6,212	7,492	8,146	8,810
			100	3,255	4,327	5,426	6,557	7,135	7,724
			110	2,764	3,689	4,640	5,621	6,124	6,637
AKA9472ZXD**	7/8	208-230/60/1; 200/50/1	80	4,115	5,230	6,487	7,885	8,637	9,424
			90	3,578	4,642	5,836	7,162	7,875	8,620
			100	3,009	3,988	5,088	6,309	6,965	7,651
			110	2,591	3,452	4,424	5,507	6,091	6,702
AKA9473ZXD**	7/8	208-230/60/1; 200/50/1	80	4,125	5,197	6,658	8,380	9,301	10,240
			90	3,528	4,507	5,862	7,467	8,325	9,198
			100	2,962	3,840	5,081	6,561	7,351	8,154
			110	2,509	3,277	4,397	5,742	6,461	7,189
AJ7480Z-XD****	1	208-230/60/1; 200/50/1	80	5,082	6,162	7,232	8,369	8,987	9,652
			90	4,274	5,538	6,738	7,952	8,589	9,259
			100	3,304	4,601	5,781	6,922	7,503	8,103
			110	2,650	3,830	4,840	5,757	6,207	6,662

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

CONTINUES ON NEXT PAGE

# PERFORMANCE DATA

## MEDIUM TEMPERATURE APPLICATION

### R-404A

CONTINUED

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	-10°F	0°F	10°F	20°F	25°F	30°F
AWA9480ZXN**	1	208-230/60/1; 200-220/50/1	80	4,625	6,291	8,139	10,169	11,253	12,382
			90	3,872	5,380	7,070	8,943	9,948	10,999
			100	3,119	4,469	6,002	7,718	8,644	9,615
			110	2,366	3,559	4,934	6,492	7,339	8,232
AJ7494Z-XD****	1	208-230/60/1; 200/50/1	80	5,729	7,349	8,961	10,704	11,669	12,720
			90	4,863	6,358	7,823	9,400	10,274	11,230
			100	4,119	5,482	6,796	8,202	8,984	9,842
			110	3,398	4,625	5,783	7,013	7,699	8,457
AWA7512ZXD**	1	208-230/60/1; 200/50/1	80	12,368	13,642	14,987	16,413	17,929	21,262
			90	10,610	11,683	12,828	14,052	15,365	18,292
			100	9,222	10,166	11,181	12,274	13,456	16,118
			110	7,647	8,533	9,488	10,522	11,643	14,182
AJ7510Z-XD****	1 ¼	208-230/60/1; 200/50/1	80	6,207	7,749	9,510	11,488	12,559	13,685
			90	5,382	6,860	8,520	10,362	11,350	12,384
			100	4,674	6,068	7,608	9,292	10,188	11,121
			110	3,859	5,149	6,548	8,055	8,849	9,670
AWA9514ZXN**	1 ½	208-230/60/1; 200-220/50/1	80	8,232	10,262	12,848	15,981	17,749	19,651
			90	6,517	8,515	11,015	14,006	15,683	17,478
			100	5,330	7,181	9,478	12,211	13,737	15,369
			110	4,631	6,218	8,195	10,553	11,871	13,280
AWA9514ZXT**	1 ¾	200-230/60/3; 200-220/50/3	80	8,232	10,262	12,848	15,981	17,749	19,651
			90	6,517	8,515	11,015	14,006	15,683	17,478
			100	5,330	7,181	9,478	12,211	13,737	15,369
			110	4,631	6,218	8,195	10,553	11,871	13,280
AWA7515ZXD**	2	208-230/60/1; 200/50/1	80	14,983	16,375	17,868	19,473	21,201	25,073
			90	13,020	14,220	15,504	16,884	18,372	21,713
			100	11,345	12,375	13,474	14,652	15,922	18,779
			110	9,689	10,573	11,510	12,510	13,585	16,004

### R-448A/R-449A

AE4440Z-AA****	1/3	115/60/1	80	2,192	2,425	2,663	2,902	3,135	3,566
			90	1,952	2,163	2,379	2,594	2,803	3,181
			100	1,720	1,909	2,102	2,293	2,478	2,804
			110	1,494	1,662	1,832	1,999	2,159	2,434
AWA9480ZXN**	1	208-230/60/1; 200-220/50/1	80	3,484	5,201	7,095	9,164	10,265	11,410
			90	2,694	4,286	6,053	7,997	9,035	10,118
			100	1,904	3,370	5,012	6,830	7,806	8,825
			110	1,113	2,454	3,970	5,663	6,576	7,533
AJ7510Z-XD****	1 ¼	208-230/60/1; 200/50/1	80	5,202	6,874	8,713	10,721	11,788	12,896
			90	4,515	6,132	7,918	9,871	10,911	11,992
			100	3,827	5,391	7,122	9,021	10,034	11,088
			110	3,140	4,649	6,326	8,171	9,157	10,184

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.



## R-513A

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	-10°F	0°F	10°F	20°F	25°F	30°F
AJ7465Y-AA****	3/4	115/60/1	80	3,236	4,318	5,524	6,851	7,561	8,302
			90	2,847	3,836	4,948	6,183	6,846	7,540
			100	2,457	3,354	4,373	5,514	6,131	6,778
			110	2,068	2,871	3,797	4,846	5,416	6,016

## LOW TEMPERATURE APPLICATION

### R-134a

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	-30°F	-25°F	-20°F	-10°F	0°F	10°F
THB1358YXA**	1/5	115/60/1; 100/50/1	80	381	447	520	689	887	1,114
			90	347	407	474	631	817	1,032
			100	313	367	429	573	747	950
			110	280	328	383	515	677	868

### R-290

TCX415U-AA****	3/8	115/60/1	80	967	1,102	1,246	1,561	1,913	2,303
			90	882	1,001	1,130	1,415	1,737	2,096
			100	797	901	1,015	1,270	1,561	1,889
			110	712	801	900	1,124	1,385	1,683
AEX433U-AA****	3/4	115/60/1	80	1,851	2,089	2,335	2,852	3,402	3,986
			90	1,692	1,908	2,133	2,606	3,114	3,654
			100	1,533	1,727	1,930	2,361	2,825	3,322
			110	1,374	1,547	1,728	2,115	2,536	2,990

### R-404A

AE2415Z-AA****	1/3	115/60/1	80	1,061	1,192	1,331	1,637	1,979	2,356
			90	938	1,055	1,182	1,462	1,778	2,130
			100	814	919	1,033	1,288	1,578	1,904
			110	691	783	884	1,113	1,378	1,679
AE2420Z-AA****	1/2	115/60/1	80	1,316	1,524	1,742	2,208	2,714	3,259
			90	1,178	1,371	1,574	2,008	2,482	2,996
			100	1,041	1,218	1,405	1,808	2,251	2,733
			110	904	1,065	1,236	1,608	2,020	2,471
AJ2422Z-XA****	1/2	115/60/1; 100/50/1	80	1,534	1,839	2,157	2,808	3,434	3,980
			90	1,309	1,582	1,871	2,470	3,054	3,567
			100	1,094	1,338	1,601	2,155	2,703	3,191
			110	880	1,099	1,338	1,854	2,373	2,841

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

CONTINUES ON NEXT PAGE

# PERFORMANCE DATA

## LOW TEMPERATURE APPLICATION

### R-404A

CONTINUED

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	-30°F	-25°F	-20°F	-10°F	0°F	10°F
AJ2429Z-XA****	3/4	115/60/1; 100/50/1	80	1,736	2,128	2,533	3,378	4,259	5,168
			90	1,396	1,754	2,124	2,894	3,696	4,521
			100	1,055	1,381	1,717	2,415	3,142	3,887
			110	747	1,042	1,346	1,978	2,633	3,301
AWA2448ZXD**	1	208-230/60/1; 200/50/1	80	2,972	3,589	4,242	5,654	7,208	8,903
			90	2,424	2,988	3,580	4,846	6,224	7,711
			100	1,856	2,373	2,909	4,041	5,252	6,543
			110	1,361	1,835	2,321	3,328	4,384	5,488
AWA2464ZXT**	1 ½	200-230/60/3; 200-220/50/3	80	4,323	5,038	5,776	7,324	8,967	10,706
			90	3,809	4,448	5,100	6,448	7,853	9,316
			100	3,104	3,683	4,267	5,450	6,653	7,875
			110	2,339	2,877	3,411	4,464	5,499	6,515
AWA2457ZXD**	1 ½	208-230/60/1; 200/50/1	80	3,251	4,038	4,915	6,932	9,282	11,948
			90	2,607	3,303	4,085	5,902	8,037	10,471
			100	1,955	2,565	3,258	4,883	6,810	9,022
			110	1,290	1,818	2,426	3,868	5,597	7,595
AWA2464ZXD**	1 ½	208-230/60/1; 200/50/1	80	4,323	5,038	5,776	7,324	8,967	10,706
			90	3,809	4,448	5,100	6,448	7,853	9,316
			100	3,104	3,683	4,267	5,450	6,653	7,875
			110	2,339	2,877	3,411	4,464	5,499	6,515
AWA2479ZXT**	2	200-230/60/3; 200-220/50/3	80	4,022	5,154	6,307	8,678	11,135	13,678
			90	4,079	4,981	5,911	7,857	9,917	12,090
			100	3,564	4,289	5,049	6,675	8,442	10,349
			110	2,837	3,437	4,080	5,490	7,069	8,816
AWA2479ZXD**	2	208-230/60/1; 200/50/1	80	4,022	5,154	6,307	8,678	11,135	13,678
			90	4,079	4,981	5,911	7,857	9,917	12,090
			100	3,564	4,289	5,049	6,675	8,442	10,349
			110	2,837	3,437	4,080	5,490	7,069	8,816
AWA2490ZXT**	2 ¼	200-230/60/3; 200-220/50/3	80	4,528	5,954	7,388	10,260	13,113	15,919
			90	4,090	5,217	6,385	8,831	11,400	14,061
			100	3,568	4,412	5,334	7,392	9,713	12,267
			110	3,069	3,649	4,342	6,050	8,160	10,643
AWA2490ZXD**	2 ¼	208-230/60/1; 200/50/1	80	4,528	5,954	7,388	10,260	13,113	15,919
			90	4,090	5,217	6,385	8,831	11,400	14,061
			100	3,568	4,412	5,334	7,392	9,713	12,267
			110	3,069	3,649	4,342	6,050	8,160	10,643

CONTINUES ON NEXT PAGE

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

## R-404A

CONTINUED

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ						
			AMBIENT (°F)	-30°F	-25°F	-20°F	-10°F	0°F	10°F
AWS2510ZXN**	2 ½	208-230/60/1; 200-220/50/1	80	6,705	7,958	9,194	11,616	13,973	16,263
			90	5,755	6,833	7,901	10,010	12,080	14,113
			100	4,778	5,699	6,618	8,449	10,271	12,082
			110	3,860	4,643	5,432	7,022	8,630	10,258
AWS2510ZKZ**	2 ½	220/60/3; 220/50/3	80	6,705	7,958	9,194	11,616	13,973	16,263
			90	5,755	6,833	7,901	10,010	12,080	14,113
			100	4,778	5,699	6,618	8,449	10,271	12,082
			110	3,860	4,643	5,432	7,022	8,630	10,258
AWS2512ZXN**	3	208-230/60/1; 200-220/50/1	80	6,904	8,357	9,860	13,017	16,374	19,932
			90	6,524	7,801	9,118	11,873	14,790	17,867
			100	5,401	6,553	7,735	10,191	12,767	15,465
			110	4,575	5,652	6,750	9,007	11,345	13,765
AWS2512ZKZ**	3	220/60/3; 220/50/3	80	6,921	8,371	9,870	13,020	16,370	19,922
			90	6,507	7,787	9,108	11,870	14,794	17,878
			100	5,384	6,539	7,725	10,187	12,770	15,475
			110	4,592	5,666	6,760	9,010	11,341	13,754
VS2515Z-NA****	3 ½	208-230/60/1	80	10,338	11,665	13,043	15,954	19,071	22,394
			90	9,277	10,436	11,647	14,224	17,007	19,996
			100	8,215	9,207	10,251	12,494	14,942	17,597
			110	7,153	7,978	8,855	10,763	12,877	15,198

## R-448A/R-449A

VS2515Z-NA****	3 ½	208-230/60/1	80	8,710	9,958	11,315	14,354	17,826	21,733
			90	8,011	9,133	10,365	13,153	16,374	20,030
			100	7,311	8,309	9,415	11,952	14,923	18,328
			110	6,612	7,484	8,464	10,751	13,471	16,626

## R-452A

AE2420Z-AA****	1/2	115/60/1	80	1,159	1,348	1,540	1,938	2,352	2,781
			90	1,056	1,237	1,422	1,803	2,200	2,613
			100	954	1,126	1,303	1,668	2,049	2,446
			110	851	1,016	1,184	1,533	1,897	2,278
AE2415Z-AA****	3/4	115/60/1	80	986	1,122	1,263	1,558	1,874	2,209
			90	876	1,001	1,130	1,403	1,696	2,009
			100	767	880	998	1,248	1,519	1,808
			110	657	759	865	1,093	1,341	1,608

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

# STANDARD WATER COOLED

## 1/2 TO 2 HP WATER COOLED CONDENSING UNITS



CU FAMILY	CONDENSING UNIT RELEASE VARIANT	APPLICATION RANGE	NOMINAL CAPACITY	REFRIGERANT	POWER SUPPLY	COMPRESSOR MOTOR TYPE		RELEASE VARIANT/FEATURE OPTIONS	
<b>AE</b>	<b>(BLANK)</b>	<b>4</b>	<b>430</b>	<b>Z</b>	<b>AA</b>	<b>1A</b>		<b>X</b>	<b>W</b>
AE AK AJ AW	A = 1 <sup>st</sup> B = 2 <sup>nd</sup> etc	1 & 2 = Low 0, 7 & 9 = Med/ Commercial 3 & 4 = High	First number is total digits. Remainder is capacity in Btu/h.	Z = R-404A, R-507 Y = R-134a, R-513A	AA = 115/60/1 XA = 115/60/1; 100/50/1 XN = 208-230/60/1; 200-220/50/1 XD = 208-230/60/1; 200/50/1	1 = Induction Run (RSIS/CSIR) 2 = Optional Run Cap 3 = Start/Run Cap (CSR)	A = Std Motor Efficiency B = Med Motor Efficiency C = High Motor Efficiency	X = Air Cooled	W = Water Cooled
						Blank for TH Compressor Family Models			

### HIGH TEMPERATURE APPLICATION | R-134a/R-513A

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ					
			AMBIENT (°F)	20°F	30°F	40°F	45°F	50°F
AKA4490YDXW	3/4	208-230/60/1; 200/50/1	90	4,700	6,100	8,000	9,000	10,000
AE4440Y-AA1AXW	1/3	115/60/1	90	2,700	3,400	4,300	4,800	5,300
AE4450Y-AA1AXW	1/2		90	3,500	4,400	5,500	6,100	6,700
AKA4475YXAXW	3/4	115/60/1; 100/50/1	90	3,800	5,100	6,600	7,500	8,400
AJ4510Y-XD1AXW	3/4	208-230/60/1; 200/50/1	90	5,400	7,000	9,000	10,200	11,400
AJ4514Y-XD3AXW	1		90	7,500	9,500	12,500	14,000	15,500

### MEDIUM TEMPERATURE APPLICATION | R-404A/R-507

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ					
			AMBIENT (°F)	-10°F	0°F	10°F	20°F	30°F
AWA7515ZDXW	2	208-230/60/1; 200/50/1	90	5,700	8,200	11,200	14,800	19,000
AJ7512Z-XD3AXW	1 1/2		90	5,700	8,200	11,200	14,800	19,000
AWA7515ZDXW	2		90	5,700	8,200	11,200	14,800	19,000

### COMMERCIAL TEMPERATURE APPLICATION | R-404A/R-507

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ					
			AMBIENT (°F)	0°F	10°F	20°F	30°F	40°F
AKA9476ZDXW	1	208-230/60/1; 200/50/1	90	4,300	5,800	7,600	9,600	11,600
AKA9442ZDXW	1/2		90	2,400	3,600	5,000	6,600	8,400
AKA9442ZXAXW	1/2		90	2,400	3,600	5,000	6,600	8,400
AKA9467ZXAXW	3/4		90	3,600	5,000	6,700	8,400	10,100
AKA9467ZDXW	3/4		90	3,600	5,000	6,700	8,400	10,100
AKA9476ZDXW	1		90	4,300	5,800	7,600	9,600	11,600
AKA9442ZXAXW	1/2		90	2,400	3,600	5,000	6,600	8,400
AKA9442ZDXW	1/2		90	2,400	3,600	5,000	6,600	8,400

### LOW TEMPERATURE APPLICATION | R-404A/R-507

MODEL	HP	VOLTAGE	CAPACITY (BTU/H) – 60 HZ					
			AMBIENT (°F)	-10°F	0°F	10°F	20°F	30°F
AWA2453ZDXW	1	208-230/60/1; 200/50/1	90	2,110	3,500	5,280	7,420	9,850
AWA2488ZDXW	2		90	3,800	6,020	8,760	12,050	15,910
AWS2512ZKZXW	3	220/60/3; 220/50/3	90	5,980	8,900	12,540	17,080	22,650
AWS2512ZXNXW	3		90	5,980	8,900	12,540	17,080	22,650

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

# CELSEON 2.0

## LOW-GWP INDOOR CONDENSING UNIT



CU FAMILY	BASE TYPE	BASE TYPE	APPLICATION	NOMINAL CAPACITY	REFRIGERANT	POWER SUPPLY	CONDENSER COIL	FAN MOTOR	FACTORY INSTALLED OPTIONS	GENERATION	IF CUSTOM	OPTIONS
<b>CL</b>	<b>S</b>	<b>A</b>	<b>W</b>	<b>413</b>	<b>U</b>	<b>AA</b>	<b>5</b>	<b>E</b>	<b>S</b>	<b>1</b>	<b>-</b>	<b>P</b>
<b>Celseon 2.0</b>	S=Standard	A=Chassis 0 B=Chassis 1 C=Chassis 1.5	W=L/MBP LST X=L/MBP HST 1=LBP LST 2=LBP HST	First number is total digits. Remainder is capacity in Btu/h.	U=R-290	AA=115/60/1 GS=220/60/1; 220/50/1	5=5 mm	E=EC Fan Motor P=Shaded Pole	S=Sweat Connections P=Sweat Connections, Filter Drier C=Custom	1 (st)		P=Power Cord

MODEL	ITEM NUMBER	REFRIGERANT	APPLICATION	VOLTAGE	HP	CONNECTION SIZE		DIMENSION (inches)			WEIGHT (lbs)
						LIQUID LINE DIMENSION	SUCTION DIMENSION	LENGTH	WIDTH	HEIGHT	
CLSAW330UAA5EP1	2CL101-1	R-290	LBP / MBP	115v/60hz	1/10	1/4 in (6.35mm)	5/16 in (7.93mm)	15.2	11.6	9.3	30
CLSAW350UAA5EP1	2CL801-1	R-290	LBP / MBP	115v/60hz	1/8	1/4 in (6.35mm)	5/16 in (7.93mm)	15.2	11.6	9.3	30
CLSAW380UAA5EP1	2CL601-1	R-290	LBP / MBP	115v/60hz	1/6	1/4 in (6.35mm)	5/16 in (7.93mm)	15.2	11.6	9.3	30
CLSAW380UGS5EP1	2CL603-1	R-290	LBP / MBP	220v/60hz	1/6	1/4 in (6.35mm)	5/16 in (7.93mm)	15.2	11.6	9.3	30
CLSAW410UAAEP1	2CL401-1	R-290	LBP / MBP	115v/60hz	1/4	1/4 in (6.35mm)	5/16 in (7.93mm)	15.2	11.6	9.3	30
CLSAW413UGS5EP1	2CL303-1	R-290	LBP / MBP	220v/60hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	15.2	11.6	9.3	30
CLSAX413UAA5EP1	2CL301-1	R-290	LBP / MBP	115v/60hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	15.2	11.6	9.3	30
CLSAX415UAA5EP1	2CL305-1	R-290	LBP / MBP	115v/60hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	15.2	11.6	9.3	30
CLSAX415UGS5EP1	2CL307-1	R-290	LBP / MBP	220v/60hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	15.2	11.6	9.3	30
CLSBX419UAA5EP1	2CL201-1	R-290	LBP / MBP	115v/60hz	1/2	1/4 in (6.35mm)	5/16 in (7.93mm)	18.8	11.7	10.3	37
CLSBX424UAA5EP1	2CL203-1	R-290	LBP / MBP	115v/60hz	1/2	1/4 in (6.35mm)	5/16 in (7.93mm)	18.8	11.7	10.3	37
CLSBX428UAA5EP1	2CL205-1	R-290	LBP / MBP	115v/60hz	1/2	1/4 in (6.35mm)	5/16 in (7.93mm)	18.8	11.7	10.3	37
CLSBX433UAA5EP1	2CL701-1	R-290	LBP / MBP	115v/60hz	3/4	1/4 in (6.35mm)	5/16 in (7.93mm)	18.8	11.7	10.3	37
CLSCX419UAA5EP1	2CL207-1	R-290	LBP / MBP	115v/60hz	1/2	1/4 in (6.35mm)	5/16 in (7.93mm)	18.8	11.7	10.3	37
CLSCX424UAA5EP1	2CL209-1	R-290	LBP / MBP	115v/60hz	1/2	1/4 in (6.35mm)	5/16 in (7.93mm)	18.8	11.7	10.3	37
CLSCX428UAA5EP1	2CL211-1	R-290	LBP / MBP	115v/60hz	1/2	1/4 in (6.35mm)	5/16 in (7.93mm)	18.8	11.7	10.3	37
CLSCX433UAA5EP1	2CL703-1	R-290	LBP / MBP	115v/60hz	3/4	1/4 in (6.35mm)	5/16 in (7.93mm)	18.8	11.7	10.3	37

\*For all models and technical specification, please refer to the Technical Data section, or kindly consult a sales rep.

# TECHNICAL DATA

## CELSEON AIR COOLED

### 1/10<sup>TH</sup> TO 1 HP FRACTIONAL INDOOR CONDENSING UNIT



CU FAMILY	CONDENSING UNIT RELEASE VARIANT	APPLICATION RANGE	NOMINAL CAPACITY	REFRIGERANT	POWER SUPPLY	COMPRESSOR MOTOR TYPE	RELEASE VARIANT/FEATURE OPTIONS		
<b>AE</b>	<b>(BLANK)</b>	<b>4</b>	<b>430</b>	<b>Z</b>	<b>AA</b>	<b>1A</b>	<b>S</b> <b>K</b>		
<b>TH</b>	<b>A = 1<sup>st</sup></b>	<b>X = Low/Med HST</b>	First number is total digits. Remainder is capacity in Btu/h.	<b>Z = R-404A, R-448A/R-449A</b> <b>Y = R-134a, R-513A</b> <b>U = R-290</b>	<b>AA = 115/60/1</b> <b>GS = 220/60/1; 220/50/1</b> <b>NA = 208-230/60/1</b> <b>XA = 115/60/1; 100/50/1</b> <b>XN = 208-230/60/1; 200-220/50/1</b> <b>FZ = 220-240/50/1</b> <b>XD = 208-230/60/1; 200/50/1</b>	<b>1 = Induction Run (RSIS/CSIR)</b> <b>2 = Optional Run Cap</b> <b>3 = Start/Run Cap(CSR)</b>	<b>A = Std Motor Efficiency</b> <b>B = Med Motor Efficiency</b> <b>C = High Motor Efficiency</b>	<b>S = Shaded Pole</b> <b>C = ECM Fan</b> <b>D = PSC</b>	<b>K = (39) Sweat Connections &amp; Power Cord</b> <b>B = (49) Sweat Connections, Power Cord &amp; Receiver Tank</b> <b>C = (59) Sweat Connections, Power Cord, Receiver Tank &amp; Service Valves</b> <b>S = (69) Sweat Connections, Power Cord &amp; Service Valves</b>
<b>TC</b>	<b>B = 2<sup>nd</sup> etc</b>	<b>W = Low/Med LST</b>							
<b>AE</b>		<b>1 &amp; 2 = Low</b>							
<b>AK</b>		<b>0, 7 &amp; 9 = Med/Commercial</b>							
<b>AJ</b>		<b>3 &amp; 4 = High</b>							
						Blank for TH Compressor Family Models			

MODEL	ITEM NUMBER	REFRIGERANT	APPLICATION	VOLTAGE	HP	CONNECTION SIZE		DIMENSIONS (INCHES)			WEIGHT (LBS)
						LIQUID LINE DIMENSION	SUCTION DIMENSION	LENGTH	WIDTH	HEIGHT	
AE2413U-AA1ACK	32G322-39SP	R-290	LBP	115V ~ 60Hz	5/16	1/4 in (6.35mm)	5/16 in (7.93mm)	16	12.1	9	41
AE2420U-AA1ACK	32G201-39SP	R-290	LBP	115V ~ 60Hz	1/2	1/4 in (6.35mm)	5/16 in (7.93mm)	16	12.1	9	41
AE2410Y-AA1ASC	32F414-59S	R-134a	LBP	115V ~ 60Hz	1/4	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	40
AE2410Y-AA1ASS	32F414-69S	R-134a	LBP	115V ~ 60Hz	1/4	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	39
AE2413Y-AA1BSC	32F324-59S	R-134a	LBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	40
AE2413Y-AA1BSS	32F324-69S	R-134a	LBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	39
THB1358YXASS	32G512-69S	R-134a	LBP	115V ~ 60Hz	1/8	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	39
AE2410Z-AA1ASB	32F416-49S	R-404A	LBP	115V ~ 60Hz	1/4	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	8.9	39
AE2410Z-AA1ASC	32F416-59S	R-404A	LBP	115V ~ 60Hz	1/4	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	40
AE2415Z-AA1ASB	32F328-49S	R-404A	LBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	8.9	39
AE2415Z-AA1ASK	32F328-39S	R-404A	LBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	8.9	38
AE2415Z-AA1ASS	32F328-69S	R-404A	LBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	39
AE2425Z-AA3CDC	2G740-59	R-404A	LBP	115V ~ 60Hz	3/4	1/4 in (6.35mm)	5/16 in (7.93mm)	20	14.3	12.1	45
AE2425Z-AA3CDG	2G740-19	R-404A	LBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	47
AE2425Z-AA3CDH	2G740-29	R-404A	LBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	45
AE2425Z-AA3CDS	2G740-69	R-404A	LBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	47
AJ2423Z-AA1CDC	29G202-59	R-404A	LBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	18	14	11.3	64

CONTINUES ON NEXT PAGE

MODEL	ITEM NUMBER	REFRIGERANT	APPLICATION	VOLTAGE	HP	CONNECTION SIZE		DIMENSIONS (INCHES)			WEIGHT (LBS)
						LIQUID LINE DIMENSION	SUCTION DIMENSION	LENGTH	WIDTH	HEIGHT	
AJ2423Z-AA1CDG	29G202-19	R-404A	LBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	18	14	11.3	64
AJ2423Z-AA1CDJ	29G202-79	R-404A	LBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	18	14	11.3	64
AJ2423Z-AA1CDP	29G202-89	R-404A	LBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	18	14	11.3	64
AJ2423Z-AA1CDS	29G202-69	R-404A	LBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	18	14	11.3	62
AJ2425Z-AA3ADP	29G741-109	R-404A	LBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	64
AJ2439Z-AA3ADC	29G701-59	R-404A	LBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	64
AJ2439Z-AA3ADG	29G701-19	R-404A	LBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	64
AJ2447Z-NA3CDC	29G1001-59	R-404A	LBP	208-230V ~ 60Hz	1 ¼	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	64
AJ2447Z-NA3CDG	29G1001-19	R-404A	LBP	208-230V ~ 60Hz	1 ¼	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	64
AKA2430ZAADC	2G739-59	R-404A	LBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	64
AKA2430ZAADH	2G739-29	R-404A	LBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	63
AKA2430ZAADK	2G739-39	R-404A	LBP	115V ~ 60Hz	3/4	1/4 in (6.35mm)	3/8 in (9.52mm)	20	14.3	12.1	63
AKA2430ZAADS	2G739-69	R-404A	LBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	63
AE2415Z-AA1ASC	32F330-59S	R-404A/R-449A	LBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	40
AE2420Z-AA1BSB	32F204-49S	R-404A/R-449A	LBP	115V ~ 60Hz	1/2	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	8.9	40
AE2420Z-AA1BSK	32F204-39S	R-404A/R-449A	LBP	115V ~ 60Hz	1/2	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	9	40
AEX419U-AA1BCK	2E295-1	R-290	LBP / MBP	115V ~ 60Hz	1/2	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	9	50
AEX424U-FZ3BCK	2F200-29S	R-290	LBP / MBP	220-240V ~ 50Hz	1/2	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	9.3	50
TCW380U-AA6BCK	2A570-1	R-290	LBP / MBP	115V ~ 60Hz	1/5	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	9	45
TCW410U-AA6BCK	2G532-39S	R-290	LBP / MBP	115V ~ 60Hz	1/5	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	8.9	38
TCW413U-GS8ECK	2G307-29S	R-290	LBP / MBP	220V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	8.93	40
TCX413U-AA1BCK	2E396-1	R-290	LBP / MBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	9	45
THA9416UAACK	32G531-39S	R-290	MBP	115V ~ 60Hz	1/5	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	8.9	38
AJ7455Y-AA3ADC	29G710-59	R-134a	MBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	65
AJ7455Y-AA3ADG	29G710-19	R-134a	MBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	65
AJ7455Y-AA3ADK	29G710-39	R-134a	MBP	115V ~ 60Hz	3/4	1/4 in (6.35mm)	1/2 in (12.7mm)	20	14.3	12.1	65
AJ7455Y-AA3ADS	29G710-69	R-134a	MBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	65
THA0370YXASK	32G710-39S	R-134a	MBP	115V ~ 60Hz	1/9	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	8.9	38
THA0370YXASS	32G710-69S	R-134a	MBP	115V ~ 60Hz	1/9	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	40
THB0370YXASB	32G712-49S	R-134a	MBP	115V ~ 60Hz	1/9	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	8.9	39
THB0370YXASC	32G712-59S	R-134a	MBP	115V ~ 60Hz	1/9	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	40

CONTINUES ON NEXT PAGE

# TECHNICAL DATA

MODEL	ITEM NUMBER	REFRIGERANT	APPLICATION	VOLTAGE	HP	CONNECTION SIZE		DIMENSIONS (INCHES)			WEIGHT (LBS)
						LIQUID LINE DIMENSION	SUCTION DIMENSION	LENGTH	WIDTH	HEIGHT	
THB0410YXASC	32G575-59S	R-134a	MBP	115V ~ 60Hz	1/8	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	40
AJ7480Z-NA3ADC	29G1010-59	R-404A	MBP	208-230V ~ 60Hz	1	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.5	13.4	77
AJ7480Z-NA3ADG	29G1010-19	R-404A	MBP	208-230V ~ 60Hz	1	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.5	13.4	77
AJ7480Z-NA3ADH	29G1010-29	R-404A	MBP	208-230V ~ 60Hz	1	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.5	13.4	76
AJ7480Z-NA3ADJ	29G1010-119	R-404A	MBP	208-230V ~ 60Hz	1	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.5	13.4	78
AJ7480Z-NA3ADP	29G1010-89	R-404A	MBP	208-230V ~ 60Hz	1	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.5	13.4	78
AKA9430ZAADC	2G301-59	R-404A	MBP	115V ~ 60Hz	1/3	3/8 in (9.52mm)	1/2 in (12.7mm)	15	14	11.5	54
AKA9430ZAADG	2G301-19	R-404A	MBP	115V ~ 60Hz	1/3	3/8 in (9.52mm)	1/2 in (12.7mm)	15	14	11.5	54
AKA9430ZAADGH	2G301-29	R-404A	MBP	115V ~ 60Hz	1/3	3/8 in (9.52mm)	1/2 in (12.7mm)	15	14	11.5	52
AKA9430ZAADP	2G301-89	R-404A	MBP	115V ~ 60Hz	1/3	3/8 in (9.52mm)	1/2 in (12.7mm)	15	14	11.5	54
AKA9430ZNADC	2G302-59	R-404A	MBP	208-230V ~ 60Hz	1/3	3/8 in (9.52mm)	1/2 in (12.7mm)	15	14	11.5	54
AKA9430ZNADG	2G302-19	R-404A	MBP	208-230V ~ 60Hz	1/3	3/8 in (9.52mm)	1/2 in (12.7mm)	15	14	11.5	54
AKA9442ZAADC	2G212-59	R-404A	MBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	54
AKA9442ZAADG	2G212-19	R-404A	MBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	54
AKA9442ZAADH	2G212-29	R-404A	MBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	53
AKA9442ZAADJ	2G212-119	R-404A	MBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	54
AKA9442ZAADP	2G212-89	R-404A	MBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	54
AKA9442ZNADC	2G213-59	R-404A	MBP	208-230V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	54
AKA9442ZNADG	2G213-19	R-404A	MBP	208-230V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	54
AKA9442ZNADJ	2G213-79	R-404A	MBP	208-230V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	54
AKA9457ZAADC	2G714-59	R-404A	MBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.5	13.4	67
AKA9457ZAADG	2G714-19	R-404A	MBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.5	13.4	67
AKA9457ZNADC	2G715-59	R-404A	MBP	208-230V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.5	13.4	67
AKA9457ZNADG	2G715-19	R-404A	MBP	208-230V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.5	13.4	67
AKA9463ZAADC	2G717-59	R-404A	MBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.5	13.4	67
AKA9463ZAADG	2G717-19	R-404A	MBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.5	13.4	67
AKA9463ZAADJ	2G717-79	R-404A	MBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.5	13.4	67
AKA9463ZAADP	2G717-89	R-404A	MBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.5	13.4	67
AKA9463ZNACJ	2G721-119XP	R-404A	MBP	208-230V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.5	13.4	68
AKA9463ZNADC	2G718-59	R-404A	MBP	208-230V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.5	13.4	67
AKA9463ZNADG	2G718-129	R-404A	MBP	208-230V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.5	13.4	68
AKA9463ZNADH	2G718-29	R-404A	MBP	208-230V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.5	13.4	66

CONTINUES ON NEXT PAGE



MODEL	ITEM NUMBER	REFRIGERANT	APPLICATION	VOLTAGE	HP	CONNECTION SIZE		DIMENSIONS (INCHES)			WEIGHT (LBS)
						LIQUID LINE DIMENSION	SUCTION DIMENSION	LENGTH	WIDTH	HEIGHT	
AKA9463ZNADJ	2G718-79	R-404A	MBP	208-230V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.5	13.4	67
AE3425Y-AA1ASK	32F560-39S	R-134a / R-513A	MBP/ HBP	115V ~ 60Hz	1/5	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	8.9	38
AE4425Z-AA1ASC	32F562-59S	R-404A	MBP/ HBP	115V ~ 60Hz	1/5	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	40
AE4425Z-AA1ASS	32F562-69S	R-404A	MBP/ HBP	115V ~ 60Hz	1/5	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	39
AE4430Z-AA1ASC	32F474-59S	R-404A	MBP/ HBP	115V ~ 60Hz	1/4	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	40
AE4430Z-AA1ASK	32F474-39S	R-404A	MBP/ HBP	115V ~ 60Hz	1/4	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	8.9	38
AE4440U-AA1ACK	32G365-39S	R-290	HBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	8.93	41
AE4425Y-AA1ASB	32F566-49S	R-134a	HBP	115V ~ 60Hz	1/5	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	8.9	39
AE4425Y-AA1ASC	32F566-59S	R-134a	HBP	115V ~ 60Hz	1/5	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	40
AE4425Y-AA1ASS	32F566-69S	R-134a	HBP	115V ~ 60Hz	1/5	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	39
AE4430Y-AA1ASB	32F470-49S	R-134a	HBP	115V ~ 60Hz	1/4	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	8.9	39
AE4430Y-AA1ASC	32F470-59S	R-134a	HBP	115V ~ 60Hz	1/4	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	40
AE4430Y-AA1ASK	32F470-39S	R-134a	HBP	115V ~ 60Hz	1/4	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	8.9	38
AE4430Y-AA1ASS	32F470-69S	R-134a	HBP	115V ~ 60Hz	1/4	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	39
AE4430Y-FZ1ASS	32F480-69S	R-134a	HBP	220-240V ~ 50Hz	1/4	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	39
AE4440Y-AA1ASB	32F360-49S	R-134a	HBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	9.9	39
AE4440Y-AA1ASC	32F360-59S	R-134a	HBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	9.9	40
AE4440Y-AA1ASK	32F360-39S	R-134a	HBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	16	11.5	9.9	38
AE4440Y-AA1ASS	32F360-69S	R-134a	HBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	39
AE4440Y-FZ1ASC	32F367-59S	R-134a	HBP	220-240V ~ 50Hz	1/3	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	9.9	40
AE4440Y-XN1ASC	32F366-59S	R-134a	HBP	208-230V ~ 60Hz	1/3	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	40
AE4440Y-XN1ASS	32F366-69S	R-134a	HBP	208-230V ~ 60Hz	1/3	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	39
AE4450Y-AA1ADA	2G224-09	R-134a	HBP	115V ~ 60Hz	1/2	1/4 in (6.35mm)	5/16 in (7.93mm)	16	14.3	11.1	39
AE4450Y-AA1ADC	2G224-59	R-134a	HBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	1/2 in (12.7mm)	16	14.3	11.1	41
AE4450Y-AA1ADK	2G224-39	R-134a	HBP	115V ~ 60Hz	1/2	1/4 in (6.35mm)	5/16 in (7.93mm)	16	14.3	11.1	39
AE4450Y-AA1ADS	2G224-69	R-134a	HBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	1/2 in (12.7mm)	16	14.3	11.1	39
AE4460Y-AA3CDG	2G227-19	R-134a	HBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	1/2 in (12.7mm)	20	14.3	12.1	47
AE4460Y-AA3CDK	2G227-39	R-134a	HBP	115V ~ 60Hz	1/2	1/4 in (6.35mm)	3/8 in (9.52mm)	20	14.3	12.1	45
AE4460Y-AA3CDP	2G227-89	R-134a	HBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	1/2 in (12.7mm)	20	14.3	12.1	47
AJ4480Y-AA1CDC	29G733-59	R-134a	HBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	64
AJ4480Y-AA1CDG	29G733-19	R-134a	HBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	64
AJ4480Y-AA1CDH	29G733-29	R-134a	HBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	63

CONTINUES ON NEXT PAGE

MODEL	ITEM NUMBER	REFRIGERANT	APPLICATION	VOLTAGE	HP	CONNECTION SIZE		DIMENSIONS (INCHES)			WEIGHT (LBS)
						LIQUID LINE DIMENSION	SUCTION DIMENSION	LENGTH	WIDTH	HEIGHT	
AJ4480Y-AA1CDS	29G733-69	R-134a	HBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	63
AJ4480Y-XD1ADC	29G734-59	R-134a	HBP	208-230V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	65
AJ4480Y-XD1ADG	29G734-19	R-134a	HBP	208-230V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	65
AJ4480Y-XD1ADH	29G734-29	R-134a	HBP	208-230V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	65
AJ4480Y-XD1ADJ	29G734-79	R-134a	HBP	208-230V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	65
AJ4480Y-XD1ADK	29G750-39	R-134a	HBP	208-230V ~ 60Hz	3/4	1/4 in (6.35mm)	1/2 in (12.7mm)	17	14.3	12.2	63
AKA4457YAADA	2G222-09	R-134a	HBP	115V ~ 60Hz	1/2	1/4 in (6.35mm)	3/8 in (9.52mm)	15	14	11.5	52
AKA4457YAADC	2G222-59	R-134a	HBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	15	14	11.5	54
AKA4457YAADG	2G222-19	R-134a	HBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	15	14	11.5	54
AKA4457YAADH	2G222-29	R-134a	HBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	15	14	11.5	52
AKA4457YAADJ	2G222-79	R-134a	HBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	15	14	11.5	54
AKA4457YAADK	2G222-39	R-134a	HBP	115V ~ 60Hz	1/2	1/4 in (6.35mm)	3/8 in (9.52mm)	15	14	11.5	52
AKA4457YAADP	2G222-89	R-134a	HBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	15	14	11.5	54
AKA4457YAADS	2G222-69	R-134a	HBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	15	14	11.5	52
AKA4457YNADC	2G223-59	R-134a	HBP	208-230V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	15	14	11.5	54
AKA4457YNADG	2G223-19	R-134a	HBP	208-230V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	15	14	11.5	54
AKA4457YNADK	2G223-39	R-134a	HBP	208-230V ~ 60Hz	1/2	1/4 in (6.35mm)	3/8 in (9.52mm)	15	14	11.5	52
AKA4457YNADS	2G223-69	R-134a	HBP	208-230V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	15	14	11.5	52
AKA4472YAADC	2G731-59	R-134a	HBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	54
AKA4472YAADG	2G731-19	R-134a	HBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	54
AKA4472YAADH	2G731-29	R-134a	HBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	53
AKA4472YAADJ	2G731-79	R-134a	HBP	115V ~ 60Hz	3/4	3/8 Inch Sweat	5/8 Inch Sweat	20	14.3	12.1	54
AKA4472YAADS	2G731-69	R-134a	HBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	53
AKA4472YNADC	2G732-59	R-134a	HBP	208-230V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	54
AKA4472YNADG	2G732-19	R-134a	HBP	208-230V ~ 60Hz	3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	20	14.3	12.1	54
AKA7437YAADC	2G209-59	R-134a	HBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	15	14	11.5	54
AKA7437YAADG	2G209-19	R-134a	HBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	15	14	11.5	54
AKA7437YAADH	2G209-29	R-134a	HBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	15	14	11.5	52
AKA7437YAADK	2G209-39	R-134a	HBP	115V ~ 60Hz	1/2	1/4 in (6.35mm)	3/8 in (9.52mm)	15	14	11.5	52
AKA7437YAADS	2G209-69	R-134a	HBP	115V ~ 60Hz	1/2	3/8 in (9.52mm)	5/8 in (15.9mm)	15	14	11.5	52
AE3425Y-AA1ASS	32F560-69S	R-134a / R-513A	HBP	115V ~ 60Hz	1/5	1/4 in (6.35mm)	3/8 in (9.52mm)	16	11.5	8.9	39
AE4440Y-AA1AXP	2E398-1	R-134a / R-513A	HBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	3/8 in (9.52mm)	18.4	14.3	13	55

# CELSEON EVAPORATIVE CONDENSATE

## 1/9<sup>TH</sup> TO 1/3<sup>RD</sup> HP EVAPORATIVE CONDENSING UNIT



CJ FAMILY	CONDENSING UNIT RELEASE VARIANT	APPLICATION RANGE	NOMINAL CAPACITY	REFRIGERANT	POWER SUPPLY	COMPRESSOR MOTOR TYPE		RELEASE VARIANT/FEATURE OPTIONS	
TH	A	O	370	Y	XA	(BLANK)		G	K
TH TC AE	A = 1 <sup>st</sup> B = 2 <sup>nd</sup> etc	X = Low/Med HST 1 & 2 = Low 0, 7 & 9 = Med/Commercial 3 & 4 = High	First number is total digits. Remainder is capacity in Btu/h.	Z = R-404A, R-448A/R-449A Y = R-134a, R-513A U = R-290	AA = 115/60/1 XA = 115/60/1; 100/50/1 FZ = 220-240/50/1	1 = Induction Run (RSJS/CSIR) 2 = Optional Run Cap 3 = Start/Run Cap (CSR)	A = Std Motor Efficiency B = Med Motor Efficiency C = High Motor Efficiency	G/E = Evaporative Condensate	K = (39) Sweat Connections & Power Cord B = (49) Sweat Connections, Power Cord & Receiver Tank C = (59) Sweat Connections, Power Cord, Receiver Tank & Service Valves S = (69) Sweat Connections, Power Cord & Service Valves
						Blank for TH Compressor Family Models			

MODEL	ITEM NUMBER	REFRIGERANT	APPLICATION	VOLTAGE	HP	CONNECTION SIZE		DIMENSIONS (INCHES)			WEIGHT (LBS)
						LIQUID LINE DIMENSION	SUCTION DIMENSION	LENGTH	WIDTH	HEIGHT	
AE2413U-AA1AGK	33Y322-39P	R-290	LBP	115V ~ 60Hz	5/16	1/4 in (6.35mm)	5/16 in (7.93mm)	19	11.7	10.3	40
AE2410Z-AA1AGK	33Y416-39	R-404A	LBP	115V ~ 60Hz	1/4	1/4 in (6.35mm)	5/16 in (7.93mm)	19	8.7	10.3	40
AE2415Z-AA1AAL	33Y328-2XT	R-404A	LBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	19	8.7	10.3	40
AE2415Z-AA1AGK	33Y328-39	R-404A	LBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	19	8.7	10.3	40
AE2415Z-AA1AGB	33Y328-49	R-404A	LBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	19	9.7	10.3	40
AE2415Z-AA1AGC	33Y328-59	R-404A	LBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	19	9.7	10.3	41
TCX415U-AA1BAL	33Y330-8XT	R-290	LBP / MBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	19	8.8	10.4	40
TCX413U-AA1BAL	33Y333-8XT	R-290	LBP / MBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	19	8.8	10.4	40
THA9416UAAGK	33X531-39P	R-290	MBP	115V ~ 60Hz	1/5	1/4 Inch Sweat	5/16 in (7.93mm)	19	11.7	10.3	40
THA0370YXAGK	33X710-39	R-134a	MBP	115V ~ 60Hz	1/9	1/4 in (6.35mm)	5/16 in (7.93mm)	19	8.7	10.3	40
THA0410YXAGL	33X574-29	R-134a	MBP	115V ~ 60Hz	1/8	1/4 in (6.35mm)	5/16 in (7.93mm)	19	8.7	10.3	40
THA0410YXAGK	33X574-39	R-134a	MBP	115V ~ 60Hz	1/8	1/4 in (6.35mm)	5/16 in (7.93mm)	19	8.7	10.3	40

CONTINUES ON NEXT PAGE

MODEL	ITEM NUMBER	REFRIGERANT	APPLICATION	VOLTAGE	HP	CONNECTION SIZE		DIMENSIONS (INCHES)			WEIGHT (LBS)
						LIQUID LINE DIMENSION	SUCTION DIMENSION	LENGTH	WIDTH	HEIGHT	
AE4430Z-AA1AGC	33Y474-59	R-404A	MBP/ HBP	115V ~ 60Hz	1/4	1/4 in (6.35mm)	5/16 in (7.93mm)	19	9.7	10.3	41
AE4425Z-FZ1AGK	33Y568-39	R-404A	MBP/ HBP	220-240V ~ 50Hz	1/5	1/4 in (6.35mm)	5/16 in (7.93mm)	19	8.7	10.3	40
AE4440Z-AA1AGK	33Y364-39	R-404A R-407A R-448A R-449A R-452A	MBP/ HBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	19	8.7	10.3	40
AE4440Z-AA1AGC	33Y364-59	R-404A R-407A R-448A R-449A R-452A	MBP/ HBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	19	9.7	10.3	41
AE4440U-AA1AAK	33Y365-39	R-290	HBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	19	11.27	10.37	40
AE4440Y-AA1AGL	33Y360-2	R-134a R-513A	HBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	19	8.7	10.3	40
AE4440Y-AA1AAL	33Y360-2XT	R-134a R-513A	HBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	19	8.7	10.3	40
AE4440Y-AA1AGK	33Y360-39	R-134a R-513A	HBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	19	8.7	10.3	40
AE4440Y-AA1AGB	33Y360-49	R-134a R-513A	HBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	19	9.7	10.3	40
AE4440Y-AA1AGC	33Y360-59	R-134a R-513A	HBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	19	9.7	10.3	41
AE4430Y-AA1AGL	33Y430-2RTG	R-134a R-513A	HBP	115V ~ 60Hz	1/4	1/4 in (6.35mm)	5/16 in (7.93mm)	19	8.6	10.4	40
AE4430Y-AA1AGK	33Y430-39	R-134a R-513A	HBP	115V ~ 60Hz	1/4	1/4 in (6.35mm)	5/16 in (7.93mm)	19	8.7	10.3	40
AE4430Y-AA1AGB	33Y430-49	R-134a R-513A	HBP	115V ~ 60Hz	1/4	1/4 in (6.35mm)	5/16 in (7.93mm)	19	9.7	10.3	40
AE4430Y-AA1AGC	33Y430-59	R-134a R-513A	HBP	115V ~ 60Hz	1/4	1/4 in (6.35mm)	5/16 in (7.93mm)	19	9.7	10.3	41
AE4425Y-AA1AGK	33Y566-3RT	R-134a R-513A	HBP	115V ~ 60Hz	1/5	1/4 in (6.35mm)	5/16 in (7.93mm)	19	8.6	10.4	40
AE4425Z-AA1AGK	33Y562-39	R-404A R-448A R-449A R-452A	HBP	115V ~ 60Hz	1/5	1/4 in (6.35mm)	5/16 in (7.93mm)	19	8.7	10.3	40
AE4425Z-AA1AGC	33Y562-59	R-404A R-448A R-449A R-452A	HBP	115V ~ 60Hz	1/5	1/4 in (6.35mm)	5/16 in (7.93mm)	19	9.7	10.3	41

# STANDARD AIR COOLED

1/7<sup>TH</sup> TO 5 HP INDOOR CONDENSING UNIT  
EVAPORATIVE CONDENSATE OPTIONS AVAILABLE



CJ FAMILY	CONDENSING UNIT RELEASE VARIANT	APPLICATION RANGE	NOMINAL CAPACITY	REFRIGERANT	POWER SUPPLY	COMPRESSOR MOTOR TYPE		RELEASE VARIANT/FEATURE OPTIONS	
AJ	(BLANK)	4	514	Y	XD	3A		X	B
TH TC AE AK AJ AW AG VS (Scroll) HG (Rotary)	A = 1 <sup>st</sup> B = 2 <sup>nd</sup> etc	X = Low/Med HST 1 & 2 = Low 0, 7 & 9 = Med/Commercial 3 & 4 = High	First number is total digits. Remainder is capacity in Btu/h.	Z = R-404A, R-448A/R-449A Y = R-134a, R-513A U = R-290	AA = 115/60/1 NA = 208-230/60/1 XA = 115/60/1; 100/50/1 FZ = 220-240/50/1 XD = 208-230/60/1; 200/50/1 KZ = 220/60/3; 220/50/3	1 = Induction Run (RSIS/CSIR) 2 = Optional Run Cap 3 = Start/Run Cap (CSR)	A = Std Motor Efficiency B = Med Motor Efficiency C = High Motor Efficiency	G/E = Evaporative Condensate X = Standard	K = (39) Sweat Connections & Power Cord B = (49) Sweat Connections, Power Cord & Receiver Tank C = (59) Sweat Connections, Power Cord, Receiver Tank & Service Valves S = (69) Sweat Connections, Power Cord & Service Valves

MODEL	ITEM NUMBER	REFRIGERANT	APPLICATION	VOLTAGE	HP	CONNECTION SIZE		DIMENSIONS (INCHES)			WEIGHT (LBS)
						LIQUID LINE DIMENSION	SUCTION DIMENSION	LENGTH	WIDTH	HEIGHT	
AEX433U-AA3CEL	32V755-89BXPR	R-290	LBP	115V ~ 60Hz	3/4	1/4 in (6.35mm)	3/8 in (9.52mm)	20	10.6	11.6	40
AEX433U-AA3CEK	32V756-39BXPR	R-290	LBP	115V ~ 60Hz	3/4	1/4 in (6.35mm)	3/8 in (9.52mm)	20	10.6	11.6	40
THB1358YXAXA	2A528-1B	R-134a	LBP	115V ~ 60Hz	1/5	3/8 in (Flare)	3/8 in (Flare)	13.1	10.7	9.9	28
AE2415Z-AA1AEK	32V328-3R	R-404A	LBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	20	10.6	11.5	50
AJ2422Z-XA1CEC	392D257-1	R-404A	LBP	115V ~ 60Hz	1/2	1/4 in (Flare)	1/2 in (Flare)	18	15.1	13.6	99
AJ2429Z-XA3AXA	29D262-1	R-404A	LBP	115V ~ 60Hz	3/4	3/8 in (Flare)	1/2 in (Flare)	21.4	13.9	12.9	99
AJ2429Z-XA3AXB	392D275-1	R-404A	LBP	115V ~ 60Hz	3/4	3/8 in (Flare)	1/2 in (Flare)	24	13.9	12.9	97
AWA2464ZXTXC	2B3225-9	R-404A	LBP	200-230V 3~ 60Hz	1 1/2	3/8 in (9.52mm)	7/8 in (22.2mm)	24.1	17.8	16.4	138
AWA2464ZXTXM	32T3225-1	R-404A	LBP	200-230V 3~ 60Hz	1 1/2	3/8 in (9.52mm)	7/8 in (22.2mm)	24	17.8	19.5	138
AWA2479ZXTXC	2C2115-9	R-404A	LBP	200-230V 3~ 60Hz	2	3/8 in (9.52mm)	7/8 in (22.2mm)	24	19.4	16.2	122
AWA2490ZXTXK	2C2149-1	R-404A	LBP	200-230V 3~ 60Hz	2	3/8 in (Flare)	5/8 in (Flare)	25	33.6	19.5	200
AWA2490ZXTXM	32T2112-1	R-404A	LBP	200-230V 3~ 60Hz	2 1/4	3/8 in (9.52mm)	7/8 in (22.2mm)	25	33.6	19.5	125
AWA2490ZXTXC	2C2112-9	R-404A	LBP	200-230V 3~ 60Hz	2	3/8 in (9.52mm)	5/8 in (15.9mm)	25	33.48	19.5	171
AWA2490ZXTXF	2C2155-1	R-404A	LBP	200-230V 3~ 60Hz	2	3/8 in (9.52mm)	7/8 in (22.2mm)	25	33.5	19.5	200

CONTINUES ON NEXT PAGE

# TECHNICAL DATA

MODEL	ITEM NUMBER	REFRIGERANT	APPLICATION	VOLTAGE	HP	CONNECTION SIZE		DIMENSIONS (INCHES)			WEIGHT (LBS)
						LIQUID LINE DIMENSION	SUCTION DIMENSION	LENGTH	WIDTH	HEIGHT	
AWA2448ZXDXM	32T1118-1	R-404A	LBP	208-230V ~ 60Hz	1	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.8	16.5	119
AWA2448ZXDxE	2B1171-1	R-404A	LBP	208-230V ~ 60Hz	1	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.8	14.4	119
AWA2457ZXDXC	2B3243-9	R-404A	LBP	208-230V ~ 60Hz	1	3/8 in (9.52mm)	7/8 in (22.2mm)	24	17.8	15.4	122
AWA2457ZDXDK	2B3255-1	R-404A	LBP	208-230V ~ 60Hz	1 ½	3/8 in (9.52mm)	5/8 in (15.9mm)	25	33.6	19.5	200
AWA2464ZXDXM	32T3224-1	R-404A	LBP	208-230V ~ 60Hz	1 ½	3/8 in (9.52mm)	7/8 in (22.2mm)	24	17.8	19.5	138
AWA2479ZXDXM	32T2114-1	R-404A	LBP	208-230V ~ 60Hz	2	3/8 in (9.52mm)	5/8 in (15.9mm)	24	19.3	16.5	128
AWA2490ZDXDK	2C2148-1	R-404A	LBP	208-230V ~ 60Hz	2	3/8 in (Flare)	5/8 in (Flare)	25	33.6	19.5	200
AWA2490ZXDXM	32T2111-1	R-404A	LBP	208-230V ~ 60Hz	2 ¼	3/8 in (9.52mm)	7/8 in (22.2mm)	25	33.6	19.5	125
AWA2490ZDXDC	2C2111-9	R-404A	LBP	208-230V ~ 60Hz	2	3/8 in (9.52mm)	7/8 in (22.2mm)	25	33.48	19.5	188
AWA2490ZDXDF	2C2154-1	R-404A	LBP	208-230V ~ 60Hz	2	3/8 in (9.52mm)	7/8 in (22.2mm)	25	33.5	19.5	200
AWS2510ZXNXM	392T2116-1	R-404A	LBP	208-230V ~ 60Hz	2 ½	3/8 in (9.52mm)	5/8 in (15.9mm)	24	19.4	17.1	148
AWS2512ZXNXF	29B3183-1	R-404A	LBP	208-230V ~ 60Hz	3	3/8 in (9.52mm)	7/8 in (22.2mm)	25	33.5	19.5	230
AWS2510ZKZXM	392T2117-1	R-404A	LBP	220V 3~ 60Hz	2 ½	3/8 in (9.52mm)	5/8 in (15.9mm)	24	19.4	17.05	148
AWS2512ZKZXF	29B3184-1	R-404A	LBP	220V 3~ 60Hz	3	3/8 in (9.52mm)	7/8 in (22.2mm)	25	33.5	19.5	230
AWA2448ZDXDC	2B1118-1	R-404A	LBP	208-230V ~ 60Hz	1	3/8 in (9.52mm)	5/8 in (15.9mm)	24	17.8	15.4	116
AWA2464ZDXDC	2B3224-1	R-404A	LBP	208-230V ~ 60Hz	1 ½	3/8 in (9.52mm)	7/8 in (22.2mm)	24	17.8	15.4	120
AWA2479ZDXDC	2C2114-1	R-404A	LBP	208-230V ~ 60Hz	2	3/8 in (9.52mm)	7/8 in (22.2mm)	24	19.4	16.2	126
AWS2510ZXNXC	29C2116-1	R-404A	LBP	208-230V ~ 60Hz	2 ½	3/8 in (9.52mm)	5/8 in (15.9mm)	24	19.4	16.2	130
AWS2512ZKZXM	29B3141-1	R-404A	LBP	220V 3~ 60Hz	3	3/8 in (9.52mm)	5/8 in (15.9mm)	25	33.7	19.5	205
VS2515Z-NA9AXM	392B3156-1	R-404A R-448A R-449A	LBP	208-230V ~ 60Hz	3 ½	3/8 in (9.52mm)	7/8 in (22.2mm)	25	33.5	19.5	232
VS2515Z-FA1AXM	392B3157-1	R-404A R-448A R-449A	LBP	200-230V 3~ 60Hz	3 ½	3/8 in (9.52mm)	7/8 in (22.2mm)	25	33.5	19.5	228
AE2415Z-AA1AXZ	2E397-1	R-404A R-448A R-449A	LBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	3/8 in (9.52mm)	18.4	14.2	13.2	55
AE2420Z-AA1BXM	2E294-1	R-404A R-448A R-449A	LBP	115V ~ 60Hz	1/2	1/4 in (6.35mm)	3/8 in (9.52mm)	18.4	14.3	13	55
AE2415Z-AA1AXM	2E395-1	R-404A R-448A R-449A	LBP	115V ~ 60Hz	3/4	1/4 in (6.35mm)	3/8 in (9.52mm)	18.4	14.2	13.2	55

CONTINUES ON NEXT PAGE

MODEL	ITEM NUMBER	REFRIGERANT	APPLICATION	VOLTAGE	HP	CONNECTION SIZE		DIMENSIONS (INCHES)			WEIGHT (LBS)
						LIQUID LINE DIMENSION	SUCTION DIMENSION	LENGTH	WIDTH	HEIGHT	
VS2515Z-FA1AXC	29B3145-9	R-404A R-448A R-449A	LBP	208-230V 3~ 60Hz	3 ½	3/8 in (9.52mm)	7/8 in (22.2mm)	25	33.6	19.5	222
VS2515Z-NA9AXK	29B3254-1	R-404A R-448A R-449A	LBP	208-230V ~ 60Hz	3 ½	3/8 in (9.52mm)	7/8 in (22.2mm)	25	33.5	19.5	230
VS2515Z-FA1AXK	29B3257-1	R-404A R-448A R-449A	LBP	208-230V 3~ 60Hz	3 ½	3/8 in (9.52mm)	7/8 in (22.2mm)	25	33.5	19.5	220
VS2515Z-NA9AXF	29B3262-1	R-404A R-448A R-449A	LBP	208-230V ~ 60Hz	3 ½	3/8 in (9.52mm)	7/8 in (22.2mm)	25	33.5	19.5	230
VS2515Z-FA1AXF	29B3265-1	R-404A R-448A R-449A	LBP	208-230V 3~ 60Hz	3 ½	3/8 in (9.52mm)	7/8 in (22.2mm)	25	33.5	19.5	230
VS2515Z-NA9AXC	29B3144-9	R-404A R-448A R-449A	LBP	208-230V ~ 60Hz	3 ½	3/8 in (9.52mm)	7/8 in (22.2mm)	25	33.6	19.5	130
TCX415U-AA1BCK	2E394-1	R-290	LBP / MBP	115V ~ 60Hz	3/8	1/4 in (6.35mm)	5/16 in (7.93mm)	16	12.1	9	45
AKA7437YXAXC	2C287-1	R-134a	MBP	115V ~ 60Hz	1/2	1/4 in (Flare)	1/2 in (Flare)	17.4	14	10.9	73
AZA0370YXAXA	2840-44	R-134a	MBP	115V ~ 60Hz	1/5	3/16 in (4.76mm)	1/4 in (6.35mm)	11.7	11	7.6	27
THA0410YXAXA	2A525-1B	R-134a	MBP	115V ~ 60Hz	1/5	3/8 in (Flare)	3/8 in (Flare)	13.1	10.7	9.9	28
THA0414YAAXK	2A630-1	R-134a	MBP	115V ~ 60Hz	1/2	1/4 in (Flare)	5/16 in (Flare)	16	11.3	7.7	25
AKA7437YXAXD	2C288-1	R-134a	MBP	115V ~ 60Hz	1/2	1/4 in (6.35mm)	1/2 in (Flare)	17.4	14	10.9	70
AKA7437YXAXB	2C286-1	R-134a	MBP	115V ~ 60Hz	1/2	1/4 in (Flare)	1/2 in (Flare)	17.4	14	10.9	68
AJ7465Y-AA3AEC	392B751-1	R-134a	MBP	115V ~ 60Hz	3/4	1/4 in (Flare)	5/8 in (Flare)	18	15.1	13.6	99
THA0370YXAXG	2A620-1B	R-134a	MBP	115V ~ 60Hz	1/7	1/4 in (6.35mm)	5/16 in (7.93mm)	11	11.2	9.8	27
AJ7465Y-AA3AXG	29B792-4	R-134a R-513A	MBP	115V ~ 60Hz	3/4	1/4 in (6.35mm)	1/2 in (Flare)	21.3	13.9	12.7	87
AJ7480Z-XD3AXC	392T1102-3	R-404A	MBP	208-230V ~ 60Hz	1	3/8 in (Flare)	5/8 in (Flare)	24	17.8	13.5	120
AJ7480Z-XD3AXE	29B1184-1	R-404A	MBP	208-230V ~ 60Hz	1	3/8 in (9.52mm)	5/8 in (15.9mm)	24.1	17.8	13.4	120
AJ7494Z-XD3AXC	392B1106-1	R-404A	MBP	208-230V ~ 60Hz	1	3/8 in (9.52mm)	5/8 in (15.9mm)	24	19.4	16.1	100
AKA9440ZXAE	32D297-1	R-404A	MBP	115V ~ 60Hz	1/2	1/4 in (Flare)	1/2 in (Flare)	18.6	14.9	13.6	76
AKA9460ZXDEC	32B769-1	R-404A	MBP	208-230V ~ 60Hz	3/4	1/4 in (Flare)	1/2 in (Flare)	21.8	13.8	13.6	76
AKA9460ZXDXC	2C738-1	R-404A	MBP	208-230V ~ 60Hz	3/4	3/8 in (9.52mm)	1/2 in (12.7mm)	24.1	17.8	13.4	87
AKA9463ZXDXC	2C721-1	R-404A	MBP	208-230V ~ 60Hz	3/4	3/8 in (9.52mm)	1/2 in (12.7mm)	24	17.8	13.4	84
AKA9472ZXDXC	2B1180-1	R-404A	MBP	208-230V ~ 60Hz	7/8	3/8 in (9.52mm)	3/8 in (9.52mm)	24	17.1	13.6	90

CONTINUES ON NEXT PAGE

# TECHNICAL DATA

MODEL	ITEM NUMBER	REFRIGERANT	APPLICATION	VOLTAGE	HP	CONNECTION SIZE		DIMENSIONS (INCHES)			WEIGHT (LBS)
						LIQUID LINE DIMENSION	SUCTION DIMENSION	LENGTH	WIDTH	HEIGHT	
AKA9440ZXAXC	392D291-1	R-404A	MBP	115V ~ 60Hz	1/2	1/4 in (Flare)	1/2 in (Flare)	21.3	13.9	13.2	63
HGA9466ZXAXM	2C720-1	R-404A	MBP	115V ~ 60Hz	3/4	1/4 in (6.35mm)	3/8 in (9.52mm)	20	25	7.42	71
AKA9473ZXAXC	2B1177-1	R-404A	MBP	115V ~ 60Hz	3/4	3/8 in (9.52mm)	1/2 in (12.7mm)	35	18	12	125
AWA9514ZXTXF	2B3267-1	R-404A	MBP	200-230V 3~ 60Hz	1 3/4	3/8 in (9.52mm)	7/8 in (22.2mm)	25	33.5	19.5	190
AWA9514ZXTXM	2B3239-9	R-404A	MBP	200-230V 3~ 60Hz	1 1/2	3/8 in (9.52mm)	7/8 in (22.2mm)	25	33.48	19.5	150
AKA9440XDXC	2E282-1	R-404A	MBP	208-230V ~ 60Hz	1/2	1/4 in (6.35mm)	1/2 in (12.7mm)	21.3	18	12.8	71
AWA7512ZXDXG	2B3296-1	R-404A	MBP	208-230V ~ 60Hz	1 1/2	3/8 in (Flare)	7/8 in (22.2mm)	24	19.4	14.3	130
AWA9514ZXNXM	2B3238-9	R-404A	MBP	208-230V ~ 60Hz	1 1/2	3/8 in (9.52mm)	7/8 in (22.2mm)	25	33.48	19.5	121
AKA9473ZXDXC	2B1182-1	R-404A	MBP	208-230V ~ 60Hz	7/8	3/8 in (9.52mm)	1/2 in (12.7mm)	35	18	12	125
AWA9514ZXNXC	2B3258-1	R-404A	MBP	208-230V ~ 60Hz	1 3/4	3/8 in (9.52mm)	5/8 in (15.9mm)	25	33.6	19.5	190
AJ7510Z-XD3AXC	29B1181-1	R-404A R-448A R-449A	MBP	208-230V ~ 60Hz	1 1/4	3/8 in (9.52mm)	5/8 in (15.9mm)	35	18	12.6	135
AWA9480ZXNXC	2B1190-1	R-404A R-448A R-449A	MBP	208-230V ~ 60Hz	1	3/8 in (9.52mm)	7/8 in (22.2mm)	24	19.4	17	130
AJ7465Y-AA3AXE	29B729-1	R-134a	MBP/ HBP	115V ~ 60Hz	3/4	3/8 in (Flare)	5/8 in (Flare)	21.4	14	12.7	103
AE4450Z-AA1AEB	32V389-49	R-404A	MBP/ HBP	115V ~ 60Hz	1/2	1/4 in (6.35mm)	5/16 in (7.93mm)	20	10.9	11.5	52
AE4450Z-AA1AEC	32V389-59	R-404A	MBP/ HBP	115V ~ 60Hz	1/2	1/4 in (6.35mm)	3/8 in (9.52mm)	20	10.9	11.5	53
AWA7512ZXDXC	2B3217-1	R-404A	MBP/ HBP	208-230V ~ 60Hz	1	3/8 in (9.52mm)	7/8 in (22.2mm)	24	19.4	16.2	124
AWA7515ZXDXC	2B3220-1	R-404A	MBP/ HBP	208-230V ~ 60Hz	2	3/8 in (9.52mm)	7/8 in (22.2mm)	24	19.4	16.2	129
AE4430Y-FZ1APJ	2D443-1	R-134a	HBP	220-240V ~ 50Hz	1/4	1/4 in (6.35mm)	3/8 in (9.52mm)	12.6	10.6	10.1	29
AE4450Y-FZ1CPJ	2E297-1	R-134a	HBP	220-240V ~ 50Hz	1/3	1/4 in (6.35mm)	3/8 in (9.52mm)	12.6	10.6	10.1	29
AE4430Y-AA1AXG	32T400-3B	R-134a	HBP	115V ~ 60Hz	1/4	1/4 in (6.35mm)	3/8 in (9.52mm)	12.7	11.4	9.9	32
AE4430Y-XA1APH	2D442-1	R-134a	HBP	115V ~ 60Hz	1/4	1/4 in (6.35mm)	3/8 in (9.52mm)	12.6	10.6	10.1	29
AE4440Y-AA1AEC	32V360-59	R-134a	HBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	20	11.28	11.5	53
AKA7437YXAXA	2D213-1	R-134a	HBP	115V ~ 60Hz	1/2	1/4 in (6.35mm)	1/2 in (Flare)	17.4	14	10.9	64

CONTINUES ON NEXT PAGE



MODEL	ITEM NUMBER	REFRIGERANT	APPLICATION	VOLTAGE	HP	CONNECTION SIZE		DIMENSIONS (INCHES)			WEIGHT (LBS)
						LIQUID LINE DIMENSION	SUCTION DIMENSION	LENGTH	WIDTH	HEIGHT	
AE4450Y-AA1APH	2E296-1	R-134a	HBP	115V ~ 60Hz	1/2	1/4 in (6.35mm)	3/8 in (9.52mm)	12.6	10.6	10.1	29
AKA4476YXAEC	2E298-1	R-134a	HBP	115V ~ 60Hz	1/2	3/8 in (Flare)	1/2 in (Flare)	18	13.9	13.7	70
AKA4476YXAED	32D247-1	R-134a	HBP	115V ~ 60Hz	1/2	3/8 in (Flare)	1/2 in (Flare)	18.6	14.9	13.6	70
AKA4476YXAXD	2C295-4	R-134a	HBP	115V ~ 60Hz	3/4	1/4 in (Flare)	1/2 in (Flare)	21.3	13.8	13	79
AE3425Y-AA1AXA	2A571-1	R-134a	HBP	115V ~ 60Hz	1/5	3/8 in (Flare)	3/8 in (Flare)	12.7	11.1	9.8	32
AKA4476YXDXA	2D230-1	R-134a	HBP	208-230V ~ 60Hz	3/4	1/4 in (6.35mm)	1/2 in (Flare)	21.3	13.8	13	82
AKA4476YXDXC	32D232-1	R-134a	HBP	208-230V ~ 60Hz	1/2	1/4 in (6.35mm)	1/2 in (12.7mm)	21.3	13.9	13.2	82
AJ4492Y-NA1AXC	392B726-1	R-134a	HBP	208-230V ~ 60Hz	3/4	3/8 in (Flare)	5/8 in (Flare)	21.4	13.9	12.7	95
AJ4492Y-NA1AXD	29B727-1	R-134a	HBP	208-230V ~ 60Hz	3/4	3/8 in (Flare)	5/8 in (Flare)	21.4	13.9	12.7	90
AJ4492Y-XA1CXC	29B728-1	R-134a	HBP	115V ~ 60Hz	3/4	3/8 in (Flare)	5/8 in (Flare)	21.4	13.9	12.7	95
AJ4512Y-NA3AXD	29A1200-1	R-134a	HBP	208-230V ~ 60Hz	1	1/4 in (6.35mm)	1/2 in (12.7mm)	24	17.8	13.4	98
AJ4512Y-XD3AXC	29A1193-1	R-134a	HBP	208-230V ~ 60Hz	1	3/8 in (Flare)	5/8 in (Flare)	24.1	17.8	13.4	98
AKA4476YXAXB	32C293-1	R-134a	HBP	115V ~ 60Hz	1/2	1/4 in (Flare)	1/2 in (Flare)	21.3	13.8	13	79
AE4450Y-AA1AEB	32V387-49	R-134a R-513A	HBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	20	10.8	11.5	55
AE4450Y-AA1AEK	32V387-39	R-134a R-513A	HBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	5/16 in (7.93mm)	20	10.8	11.5	55
AJ4492Y-FZ1BXA	29C736-1	R-134a R-513A	HBP	220-240V ~ 50Hz	3/4	1/4 in (6.35mm)	1/2 in (12.7mm)	16	14.3	11.7	87
AE4440Y-NA1AXA	2E399-1	R-134a R-513A	HBP	208-230V ~ 60Hz	1/3	1/4 in (6.35mm)	3/8 in (9.52mm)	15.56	13.22	11.14	40
AKA4460YXAEE	14943744	R-134a R-513A	HBP	115V ~ 60Hz	1/2	1/4 in (Flare)	3/8 in (Flare)	17	14.5	11.4	63
AKA4460YXAXA	2D214-1	R-134a R-513A	HBP	115V ~ 60Hz	1/2	1/4 in (6.35mm)	3/8 in (9.52mm)	17.3	13.9	11.1	68
AKA4460YXAXB	32C241-1	R-134a R-513A	HBP	115V ~ 60Hz	1/2	1/4 in (Flare)	1/2 in (Flare)	17.4	14	10.9	68
AKA4460YXAXC	32C242-1	R-134a R-513A	HBP	115V ~ 60Hz	1/2	1/4 in (Flare)	1/2 in (Flare)	17.4	14	10.9	68
AE4440Y-AA1AXA	32C377-2B	R-134a R-513A	HBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	3/8 in (9.52mm)	15.56	13.22	11.14	40
AE4450Y-AA1AEC	32V387-59	R-134a R-513A	HBP	115V ~ 60Hz	1/3	1/4 in (6.35mm)	3/8 in (9.52mm)	20	11.58	11.5	56
AGA9539ZKZXF	29A5112-1	R-404A	HBP	220V 3~ 60Hz	5	1/2 in (12.7mm)	7/8 in (22.2mm)	28.6	44.9	26.9	380
AGA9539ZKZXC	29A5108-1	R-404A	HBP	220V 3~ 60Hz	5	1/2 in (12.7mm)	7/8 in (22.2mm)	28.6	44.9	26.9	380

# STANDARD WATER COOLED

## 1/2 TO 2 HP WATER COOLED CONDENSING UNITS



CU FAMILY	CONDENSING UNIT RELEASE VARIANT	APPLICATION RANGE	NOMINAL CAPACITY	REFRIGERANT	POWER SUPPLY	COMPRESSOR MOTOR TYPE		RELEASE VARIANT/FEATURE OPTIONS	
AE	(BLANK)	4	430	Z	AA	1A		X	W
AE AK AJ AW	A = 1 <sup>st</sup> B = 2 <sup>nd</sup> etc	1 & 2 = Low 0, 7 & 9 = Med/ Commercial 3 & 4 = High	First number is total digits. Remainder is capacity in Btu/h.	Z = R-404A, R-507 Y = R-134a, R-513A	AA = 115/60/1 XA = 115/60/1; 100/50/1 XN = 208-230/60/1; 200-220/50/1 XD = 208-230/60/1; 200/50/1	1 = Induction Run (RSIS/CSIR) 2 = Optional Run Cap 3 = Start/Run Cap (CSR)	A = Std Motor Efficiency B = Med Motor Efficiency C = High Motor Efficiency	X = Air Cooled	W = Water Cooled
						Blank for TH Compressor Family Models			

MODEL	ITEM NUMBER	REFRIGERANT	APPLICATION	VOLTAGE	HP	CONNECTION SIZE		DIMENSIONS (INCHES)			WEIGHT (LBS)
						LIQUID LINE DIMENSION	SUCTION DIMENSION	LENGTH	WIDTH	HEIGHT	
AWA2453ZXDXW	2B1119-9	R404A / R507	LBP	208-230V ~ 60Hz	1	3/8 in (Flare)	5/8 in (15.9mm)	24.3	17	15.7	120
AWA2488ZXDXW	2C2113-9	R404A / R507	LBP	208-230V ~ 60Hz	2	1/2 in (12.7mm)	7/8 in (22.2mm)	24.3	17	15.7	125
AWS2512ZXDXW	29B3142-9	R404A / R507	LBP	220V 3~ 60Hz	3	3/8 in (Flare)	5/8 in (15.9mm)	24.3	17	16.6	119
AWS2512ZXNXW	29B3143-9	R404A / R507	LBP	208-230V ~ 60Hz	3	3/8 in (Flare)	5/8 in (15.9mm)	24.3	17	16.6	140
AWA7515ZXDXW	32B3221-1	R404A / R507	MBP	208-230V ~ 60Hz	2	1/2 in (12.7mm)	7/8 in (22.2mm)	24.3	17	15.5	108
AJ7512Z-XD3AXW	392B3210-1	R404A / R507	MBP	208-230V ~ 60Hz	1 1/2	3/8 in (Flare)	1/2 in (Flare)	24	17	10.9	121
AWA7515ZXDXW	2B3221-9	R404A / R507	MBP	208-230V ~ 60Hz	2	1/2 in (12.7mm)	7/8 in (22.2mm)	24.3	17	15.5	107
AKA9476ZXDXW	32B1103-1	R404A / R507	CBP	208-230V ~ 60Hz	1	1/4 in (Flare)	1/2 in (Flare)	21.4	14	10.5	82
AKA9442ZXDXW	32D289-1	R404A / R507	CBP	208-230V ~ 60Hz	1/2	1/4 in (6.35mm)	1/2 in (Flare)	21.4	14	10.5	67
AKA9442ZXAXW	32D288-1	R404A / R507	CBP	115V ~ 60Hz	1/2	1/4 in (6.35mm)	1/2 in (Flare)	21.4	14	10.5	67
AKA9467ZXAXW	32B774-1	R404A / R507	CBP	115V ~ 60Hz	3/4	1/4 in (Flare)	1/2 in (Flare)	21.4	14	10.5	82
AKA9467ZXDXW	32B775-1	R404A / R507	CBP	208-230V ~ 60Hz	3/4	1/4 in (Flare)	1/2 in (Flare)	21.4	14	10.5	70
AKA9476ZXDXW	2B1103-1	R404A / R507	CBP	208-230V ~ 60Hz	1	1/4 in (Flare)	1/2 in (Flare)	21.4	14	10.5	82
AKA9442ZXAXW	2D288-1	R404A / R507	CBP	115V ~ 60Hz	1/2	1/4 in (Flare)	1/2 in (Flare)	21.4	14	10.5	67
AKA9442ZXDXW	2D289-9	R404A / R507	CBP	208-230V ~ 60Hz	1/2	1/4 in (6.35mm)	1/2 in (Flare)	20.4	13.9	10.3	85
AKA4490YDXDXW	32B779-1	R-134a / R-513A	HBP	208-230V ~ 60Hz	3/4	3/8 in (Flare)	1/2 in (Flare)	21.4	14	11.7	84
AE4440Y-AA1AXW	32W360-19	R-134a / R-513A	HBP	115V ~ 60Hz	1/3	1/4 in (Flare)	3/8 in (Flare)	18.38	13.81	10.21	45
AE4450Y-AA1AXW	32W387-19	R-134a / R-513A	HBP	115V ~ 60Hz	1/2	1/4 in (Flare)	3/8 in (Flare)	18.38	13.81	10.21	47
AKA4475YXAXW	32D294-1	R-134a / R-513A	HBP	115V ~ 60Hz	3/4	1/4 in (6.35mm)	1/2 in (Flare)	20.4	13.9	10.3	82
AJ4510Y-XD1AXW	392B780-1	R-134a / R-513A	HBP	208-230V ~ 60Hz	3/4	3/8 in (Flare)	1/2 in (Flare)	24	17	11.6	94
AJ4514Y-XD3AXW	392B1104-1	R-134a / R-513A	HBP	208-230V ~ 60Hz	1	3/8 in (Flare)	1/2 in (Flare)	24	17	10.9	94

# QUESTIONS?

## REACH OUT TO US!



Customer Service: **1.888.254.1033**

Technical Service: **1.800.211.3427**



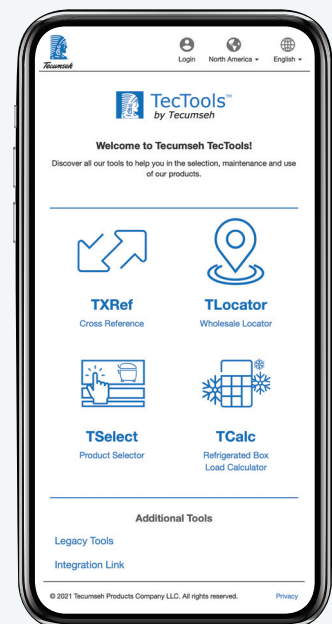
[customer.service@tecumseh.com](mailto:customer.service@tecumseh.com)

[Technical.Service@tecumseh.com](mailto:Technical.Service@tecumseh.com)

## INTRODUCING TecTools

- **Compressor Cross Reference** – Quickly find current Tecumseh products to replace competitor models as well as obsolete Tecumseh models.
- **Wholesale Locator** – Locate authorized Tecumseh wholesalers near you!
- **Product Selector** – Find Tecumseh products that match your exact specifications. Currently only available for compressors and condensing units.
- **Refrigerated Box Load Calculator** – Quickly determine the cooling capacity needed for chiller and freezer applications, taking out the guesswork when finding the perfect solution for your application.

SCAN NOW TO  
DOWNLOAD!





# Tecumseh

## TECUMSEH COMPRESSOR COMPANY LLC

Subsidiary of Tecumseh Products Company LLC

5683 Hines Drive | Ann Arbor, MI 48108

734.585.9500 | [www.tecumseh.com](http://www.tecumseh.com)

# Tecumseh ARGUS™



**SCAN THE QR CODE  
ABOVE FOR MORE  
INFORMATION  
ON ARGUS,  
INCLUDING FULL  
PERFORMANCE DATA.**

