



Celseon® Air Cooled Condensing Unit

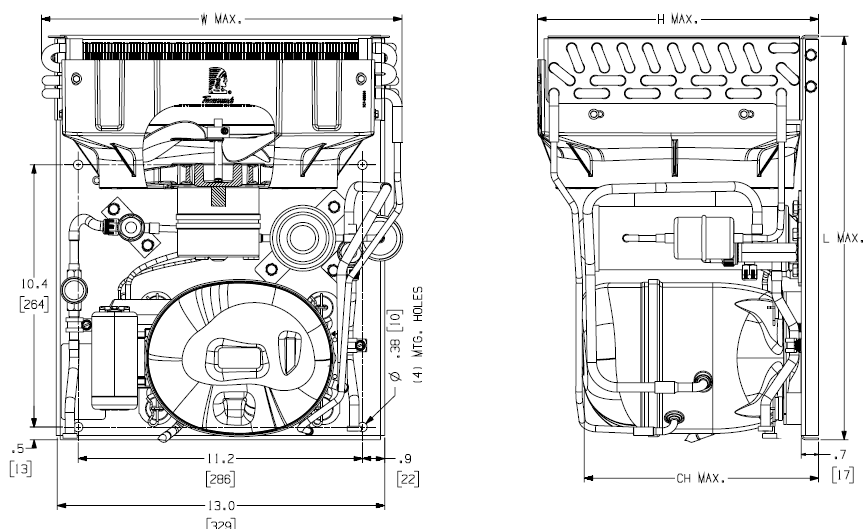


Model: AE4456Y-AA1CD*

BoM: 2G226-**

R-134a

1/2 HP



Model	Dimensions, inches				Line Connection*		Pumpdown	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.	Lbs.
AE4456Y-AA1CDA	16.0	14.3	11.1	9.3	3/8” S	1/4” S	N/A	185	9.5	39
AE4456Y-AA1CDG					3/8” S	3/8” S	2.9 lbs			41
AE4456Y-AA1CDH					3/8” S	3/8” S	N/A			39
AE4456Y-AA1CDK					3/8” S	1/4” S				39
AE4456Y-AA1CDC					3/8” S	3/8” S	2.9 lbs			41
AE4456Y-AA1CDS					3/8” S	3/8” S	N/A			39
AE4456Y-AA1CDJ					3/8” S	3/8” S	2.9 lbs			41
AE4456Y-AA1CDP					3/8” S	3/8” S	2.9 lbs			41

* F = Flare, S = Solder, RF or RS = Rotolock with Flare or Solder Connections, C = Compression Fitting

Factory charge: 20 PSIG Nitrogen – **MUST BE EVACUATED**

Evaporator T,		Ambient Temperatures											
		80°F			90°F			100°F			110°F		
°F	PSIG	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T
5	9.0	2594	487	98	2378	501	108	2169	514	117	1967	528	126
10	11.9	2923	519	101	2681	535	110	2447	550	119	2221	566	128
15	15.0	3262	552	103	2993	570	112	2734	587	121	2483	605	130
20	18.4	3610	586	106	3314	606	115	3028	626	124	2751	646	132
25	22.1	4104	634	108	3783	657	117	3472	680	126	3170	703	135
30	26.1	4480	673	111	4131	698	120	3793	723	128	3465	748	137
35	30.4	4859	713	114	4482	740	122	4117	767	131	3761	795	140
40	35.0	5239	755	117	4834	784	125	4440	814	134	4057	843	142
45	40.1	5617	798	119	5183	830	128	4761	861	136	4350	893	145

60 Hz Performance

Return gas temp 40°F below 20°F evaporator,
and 65°F above 20° evap, 5°F sub cooling

March 7, 2014
Revision: A

Specifications/ Parts:

[illegible]

Unit Model	AE4456Y-AA1CDG
Unit Bill of Material	2G226-19
Receiver Tank	510-10000
Liquid Valve	56659
Suction Valve	56659
Unit Model	AE4456Y-AA1CDH
Unit Bill of Material	2G226-29
Liquid Valve	56659
Suction Valve	56659
Unit Model	AE4456Y-AA1CDK
Unit Bill of Material	2G226-39
Power Cord	85106-14
Unit Model	AE4456Y-AA1CDC
Unit Bill of Material	2G226-59
Receiver Tank	510-10000
Liquid Valve	56659
Suction Valve	56659
Power Cord	85106-14
Unit Model	AE4456Y-AA1CDS
Unit Bill of Material	2G226-69
Liquid Valve	56659
Suction Valve	56659
Power Cord	85106-14
Unit Model	AE4456Y-AA1CDJ
Unit Bill of Material	2G226-79
Receiver Tank	510-10000
Liquid Valve	56659
Suction Valve	56659
Filter Drier	71116
Sight Glass	70084
Unit Model	AE4456Y-AA1CDP
Unit Bill of Material	2G226-89
Receiver Tank	510-10000
Liquid Valve	56659
Suction Valve	56659
Power Cord	85106-14
Filter Drier	71116
Sight Glass	70084

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