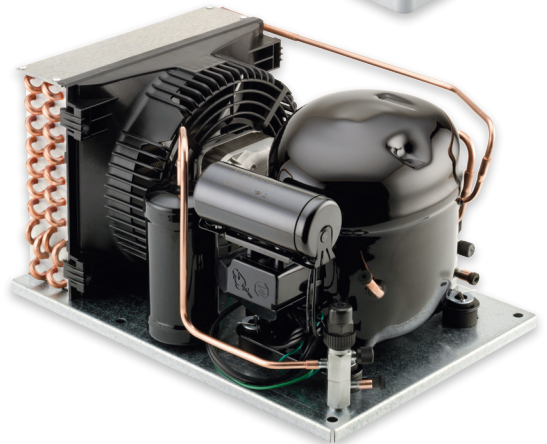
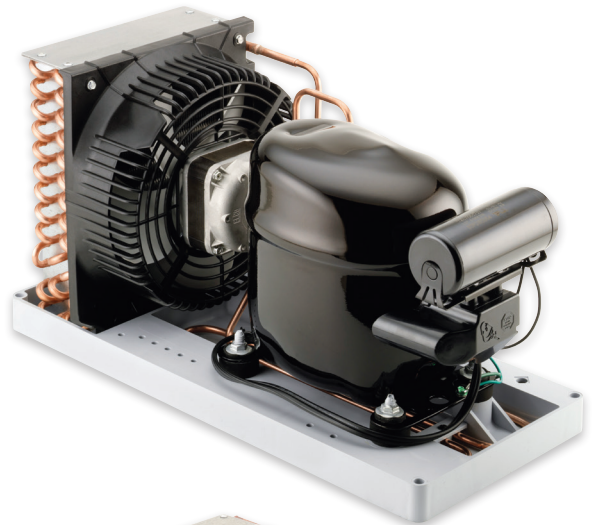


Tecumseh CELSEON

Indoor Condensing Units

1/8 to 1 HP



Tecumseh



Decisions. Decisions. Decisions.

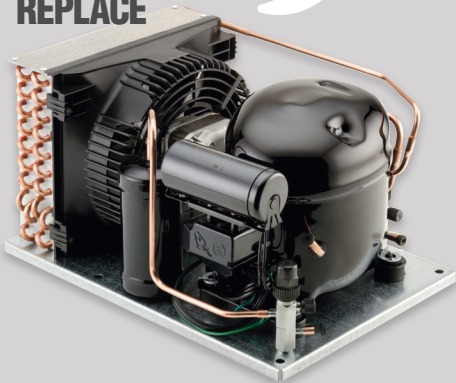
Do I replace the compressor only? Do I install a new condensing unit with factory installed components? The customer wants the problem to be fixed right the first time.

Future repair costs, energy usage, and the customer's budget are all factors in the decision, so you make the call:

REPAIR



REPLACE



CELSEON

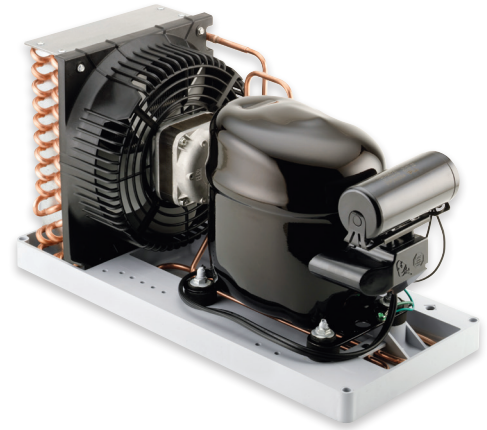
RUGGED. RELIABLE. MULTI-REFRIGERANT CAPABLE.

Our Indoor Condensing Units deliver the cooling and reliability that you have come to expect from Tecumseh. To start, each condensing unit features a performance proven Tecumseh compressor designed to handle the rigors of commercial refrigeration. Service friendly, with designs to support your service replacement needs.

EVAPORATIVE CONDENSATE

NO DRAIN...NO PROBLEM! Compact. Efficient. The perfect choice when it is impractical to run condensate lines across a floor or ceiling. A non-corrosive plastic base pan collects condensate from the system evaporator coil and a hot gas refrigerant loop is used to evaporate the collected condensate.

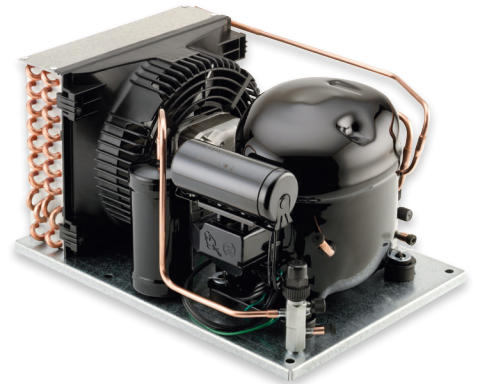
Typical Applications: EnergyStar™ Compliant Units, Portable Refrigerators and Freezers, Under Counter Refrigerators and Freezers, Food Preparation Equipment



LOW PROFILE

TIGHT FIT...NO PROBLEM! Low Profile. High Efficiency. Maximum Cold. Our Low Profile Units include all of the features and benefits, but at a reduced height of 8.9", allowing maximization of the refrigerated cabinet while providing ease-of-service for field technicians.

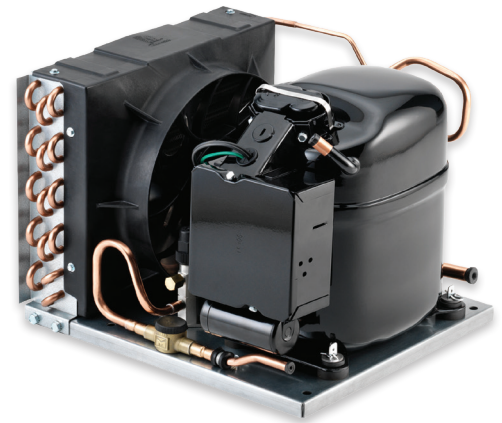
Typical Applications: Self-Contained Display Cases, Bottom-Mount Reach-In Refrigerators and Freezers, Glass and Regular Merchandisers, Islands



STANDARD PROFILE

TOUGH APPLICATION...NO PROBLEM! 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. Celseon AE2/AK/AJ's modular construction is built around three (3) common base plates, scaled to unit capacity.

Typical Applications: Self-Contained Display Cases, Top-Mount Refrigerators and Freezers, Bottom-Mount Refrigerators and Freezers, Glass and Regular Merchandisers



EVAPORATIVE CONDENSATE

REFRIGERANT	HP*	MODEL NUMBER	ITEM NUMBER	OPTION CONFIGURATION	VOLTAGE	COMPRESSOR MODEL	COMPRESSOR ITEM NUMBER	HEIGHT (IN)	LENGTH (IN)	WIDTH (IN)	APPLICATION	DISCHARGE LINE SIZE (IN)	SUCTION LINE SIZE (IN)
R-404A R-407A R-448A R-449A R-452A	1/5	AE4425Z-AA1A**	33Y562.**	GK (-39) and GC (-59)	115/60/1	AE4425Z-AA1A	AE-1166-E	10.3"	19"	8.7" 9.7"	HBP - High Back Pressure	1/4" Sweat	5/16" Sweat
	1/3	AE4440Z-AA1A**	33Y364.**	GK (-39) and GC (-59)	115/60/1	AE4440Z-AA1A	AE-1168-E	10.3"	19"	8.7" 9.7"	MBP/HBP - Med/High Back Pressure	1/4" Sweat	5/16" Sweat
R-134a R-513A	1/4	AE4430Y-AA1A**	33Y430.**	GK (-39) and GC (-59)	115/60/1	AE4430Y-AA1A	AE-1023-E	10.3"	19"	8.7" 9.7"	HBP - High Back Pressure	1/4" Sweat	5/16" Sweat
	1/3	AE4440Y-AA1A**	33Y360.**	GK (-39) and GC (-59)	115/60/1	AE4440Y-AA1A	AE-1022-E	10.3"	19"	8.7" 9.7"	HBP - High Back Pressure	1/4" Sweat	5/16" Sweat
R-404A R-407A R-448A R-449A R-452A	1/4	AE2410Z-AA1A**	33Y416.**	GK (-39) and GC (-59)	115/60/1	AE2410Z-AA1A	AE-1126-E	10.3"	19"	8.7" 9.7"	LBP - Low Back Pressure	1/4" Sweat	5/16" Sweat
	1/3	AE2415Z-AA1A**	33Y328.**	GK (-39) and GC (-59)	115/60/1	AE2415Z-AA1A	AE-1157-E	10.3"	19"	8.7" 9.7"	LBP - Low Back Pressure	1/4" Sweat	5/16" Sweat

OPTIONS (ITEM NO.)	OPTION CONFIGURATION
GK (39)	Includes Power Cord
GC (59)	Includes Power Cord, Receiver Tank and Service Valves

LOW PROFILE

REFRIGERANT	HP*	MODEL NUMBER	ITEM NUMBER	OPTION CONFIGURATION	VOLTAGE	COMPRESSOR MODEL	COMPRESSOR ITEM NUMBER	HEIGHT (IN)	LENGTH (IN)	WIDTH (IN)	APPLICATION	DISCHARGE LINE SIZE (IN)	SUCTION LINE SIZE (IN)
R-12	1/4	AE4430A-AA1A**	32F472-***	SC (-59S) and SS (-69S)	115/60/1	AE4430A-AA1A	AE-1251-E	8.9"	16"	11.5"	HBP - High Back Pressure	1/4" Sweat	3/8" Sweat
	1/3	AE4440A-AA1A**	32F362-***	SC (-59S) and SS (-69S)	115/60/1	AE4440A-AA1A	AE-1250-E	8.9"	16"	11.5"	HBP - High Back Pressure	1/4" Sweat	3/8" Sweat
R-134a R-513A	1/8	THB0410YXA**	32G575-***	SC (-59S)	115/60/1	THA0410YXA	TH750AR-340-A2HB	8.9"	16"	11.5"	CBP - Commercial Back Pressure	1/4" Sweat	3/8" Sweat
	1/5	AE3425Y-AA1A**	32F560-***	SC (-59S) and SS (-69S)	115/60/1	AE3425Y-AA1A	AE-1004-E	8.9"	16"	11.5"	HBP - High Back Pressure	1/4" Sweat	3/8" Sweat
	1/4	AE4430Y-AA1A**	32F470-***	SC (-59S) and SS (-69S)	115/60/1	AE4430Y-AA1A	AE-1023-E	8.9"	16"	11.5"	HBP - High Back Pressure	1/4" Sweat	3/8" Sweat
	1/3	AE4440Y-***1A**	32F360-*** 32F366-***	SC (-59S) and SS (-69S)	115/60/1 230/60/1	AE4440Y-AA1A AE4440Y-XN1A	AE-1022-E AE-1204-E	8.9"	16"	11.5"	HBP - High Back Pressure	1/4" Sweat	3/8" Sweat
R-22	1/3	AE4430E-AA1A**	32F478-***	SC (-59S) and SS (-69S)	115/60/1	AE4430E-DS1A	AE-1320-E	8.9"	16"	11.5"	MBP/HBP-Med/High Back Pressure	1/4" Sweat	3/8" Sweat
R-404A R-407A R-448A R-449A R-452A	1/5	AE4425Z-AA1A**	32F562-***	SC (-59S) and SS (-69S)	115/60/1	AE4425Z-AA1A	AE-1166-E	8.9"	16"	11.5"	MBP/HBP-Med/High Back Pressure	1/4" Sweat	3/8" Sweat
	1/3	AE4440Z-AA1A**	32F364-***	SC (-59S) and SS (-69S)	115/60/1	AE4440Z-AA1A	AE-1168-E	8.9"	16"	11.5"	MBP/HBP-Med/High Back Pressure	1/4" Sweat	3/8" Sweat
R-12	1/3	AE2413A-AA1B**	32F326-***	SC (-59S)	115/60/1	AE2413A-AA1B	AE-1255-E	8.9"	16"	11.5"	LBP - Low Back Pressure	1/4" Sweat	3/8" Sweat
R-134a R-513A	1/4	AE2410Y-AA1A**	32F414-***	SC (-59S) and SS (-69S)	115/60/1	AE2410Y-AA1A	AE-1156-E	8.9"	16"	11.5"	LBP - Low Back Pressure	1/4" Sweat	3/8" Sweat
	1/3	AE2413Y-AA1B**	32F324-***	SC (-59S) and SS (-69S)	115/60/1	AE2413Y-AA1B	AE-1240-E	8.9"	16"	11.5"	LBP - Low Back Pressure	1/4" Sweat	3/8" Sweat
R-404A R-407A R-448A R-449A R-452A	1/4	AE2410Z-AA1A**	32F416-***	SC (-59S) and SS (-69S)	115/60/1	AE2410Z-AA1A	AE-1126-E	8.9"	16"	11.5"	LBP - Low Back Pressure	1/4" Sweat	3/8" Sweat
	1/3	AE2415Z-AA1A**	32F328-***	SC (-59S) and SS (-69S)	115/60/1	AE2415Z-AA1A	AE-1157-E	8.9"	16"	11.5"	LBP - Low Back Pressure	1/4" Sweat	3/8" Sweat

*Horsepower Rating = HBP, MBP, CBP +20°F Evaporator / 90°F Ambient.

LBP -10°F Evaporator / 90°F Ambient.

OPTIONS (ITEM NO.)	OPTION CONFIGURATION
SC (59)	Sweat Connections, Power Cord, Receiver Tank and Service Valves
SS (69)	Sweat Connections, Power Cord and Service Valves

STANDARD PROFILE

REFRIGERANT	HP*	MODEL NUMBER	ITEM NUMBER	OPTION CONFIGURATION	VOLTAGE	COMPRESSOR MODEL	COMPRESSOR ITEM NUMBER	HEIGHT (IN)	LENGTH (IN)	WIDTH (IN)	APPLICATION	DISCHARGE LINE SIZE (IN)	SUCTION LINE SIZE (IN)
R-12	1/2	AJA7444A****	2G210-** 2G211-**	DC (-59) and DS (-69)	115/60/1 230/60/1	AJA7441AXA AJA7441AXD	AJ530AT-434-P2 AJ530FT-434-P2	11.1"	15"	14"	MBP/HBP - Medium/ High Back Pressure	3/8" Sweat	5/8" Sweat
	3/4	AJA4488A****	2G737-** 2G738-**	DC (-59) and DS (-69)	115/60/1 230/60/1	AJA4492AXA AJA4492AXD	AJ100AT-434-P2 AJ100GT-434-P2	12.1"	20"	14.3"	HBP - High Back Pressure	3/8" Sweat	5/8" Sweat
	1	AJA4512ANA**	2G1020-**	DC (-59) and DS (-69)	230/60/1	AJA4512AXD	AJ131GT-434-P2	13.4"	24"	17.6"	HBP - High Back Pressure	3/8" Sweat	5/8" Sweat
R-134a R-513A	1/2	AKA4457Y****	2G222-** 2G223-**	DC (-59) and DS (-69)	115/60/1 230/60/1	AKA4460YXA AKA4460YXD	AK168AT-037-P2 AK168ET-037-P2	11.5"	15"	14"	HBP - High Back Pressure	3/8" Sweat	5/8" Sweat
	1/2	AE4450Y-AA1A**	2G224-**	DC (-59) and DS (-69)	115/60/1	AE4450Y-AA1A	AE-1154-E	11.1"	16"	14.3"	HBP - High Back Pressure	3/8" Sweat	1/2" Sweat
	3/4	AJA4480Y****	2G733-** 2G734-**	DC (-59) and DS (-69)	115/60/1 230/60/1	AJA4492YXA AJA4492YXD	AJ150AT-434-P2 AJ150GT-434-P2	12.1"	20"	14.3"	HBP - High Back Pressure	3/8" Sweat	5/8" Sweat
R-22	1/3	AKA9435E****	2G303-** 2G304-**	DC (-59) and DS (-69)	115/60/1 230/60/1	AKA9428EXA AKA9428EXD	AK164AT-037-P2 AK164ET-037-P2	11.5"	15"	14"	CBP - Commercial Back Pressure	3/8" Sweat	1/2" Sweat
	1/2	AKA9446E****	2G214-** 2G215-**	DC (-59) and DS (-69)	115/60/1 230/60/1	AKA9442EXA AKA9442EXD	AK165AT-037-P2 AK165ET-037-P2	12.1"	20"	14.3"	CBP - Commercial Back Pressure	3/8" Sweat	5/8" Sweat
	3/4	AKA9461ENA**	2G716-**	DC (-59) and DS (-69)	230/60/1	AKA9455EXD	AK167ET-037-P2	13.4"	24"	17.5"	CBP - Commercial Back Pressure	3/8" Sweat	5/8" Sweat
	1	AJA9486ENA**	2G1002-**	DC (-59) and DS (-69)	230/60/1	AJA9484EXD	AJ801ET-446-P2	13.4"	24"	17.5"	CBP - Commercial Back Pressure	3/8" Sweat	5/8" Sweat
R-404A R-407A R-448A R-449A R-452A	1/3	AKA9430ZAA**	2G301-**	DC (-59) and DS (-69)	115/60/1	AKA9427ZXA	AK174AT-037-P2	11.5"	15"	14"	CBP - Commercial Back Pressure	3/8" Sweat	1/2" Sweat
	1/2	AKA9442Z****	2G212-** 2G213-**	DC (-59) and DS (-69)	115/60/1 230/60/1	AKA9438ZXA AKA9438ZXD	AK175AT-037-P2 AK175ET-037-P2	12.1"	20"	14.3"	CBP - Commercial Back Pressure	3/8" Sweat	5/8" Sweat
	1/2	AE4470Z-AA3C**	2G229-**	DC (-59) and DS (-69)	115/60/1	AE4470Z-AA3C	AE-1184-E	12.1"	20"	14.3"	HBP - High Back Pressure	3/8" Sweat	1/2" Sweat
	3/4	AKA9463Z****	2G717-** 2G718-**	DC (-59) and DS (-69)	115/60/1 230/60/1	AKA9462ZXA AKA9462ZXD	AK172AT-037-P2 AK172ET-037-P2	13.4"	24"	17.5"	CBP - Commercial Back Pressure	3/8" Sweat	5/8" Sweat
	1	AJA7480ZNA**	2G1010-**	DC (-59) and DS (-69)	230/60/1	AJA7494ZXD	AJ202ET-435-P2	13.4"	24"	17.5"	MBP/HBP - Medium/ High Back Pressure	3/8" Sweat	5/8" Sweat
R-12	1/2	AJA2427A****	2G203-** 2G204-**	DC (-59) and DS (-69)	115/60/1 230/60/1	AJA2425AXA AJA2425AXD	AJ601AT-434-P2 AJ601FT-434-P2	11.1"	15"	14"	LBP - Low Back Pressure	3/8" Sweat	5/8" Sweat
R-134a R-513A	1/2	AJA2423YAA**	2G201-**	DC (-59) and DS (-69)	115/60/1	AJA2419YXA	AJ135AT-434-P2	11.1"	15"	14"	LBP - Low Back Pressure	3/8" Sweat	5/8" Sweat
R-404A R-407A R-448A R-449A R-452A	1/2	AJA2423ZAA**	2G202-**	DC (-59) and DS (-69)	115/60/1	AJA2419ZXA	AJ303AT-434-P2	11.1"	15"	14"	LBP - Low Back Pressure	3/8" Sweat	5/8" Sweat
	3/4	AKA2430ZAA**	2G739-**	DC (-59) and DS (-69)	115/60/1	AKA2425ZXA	AK176AT-037-P2	12.1"	20"	14.3"	LBP - Low Back Pressure	3/8" Sweat	5/8" Sweat
	1	AJB2439ZAA**	2G701-**	DC (-59) and DS (-69)	115/60/1	AJB2433ZXA	AJ604AF-442-P2	12.1"	20"	14.3"	LBP - Low Back Pressure	3/8" Sweat	5/8" Sweat

*Horsepower Rating = HBP, MBP, CBP +20°F Evaporator / 90°F Ambient.
LBP -10°F Evaporator / 90°F Ambient.

ITEM NO. OPTIONS WITH POWER CORD	OPTION CONFIGURATION
DS (69)	Sweat Connections and Service Valves
DC (59)	Sweat Connections, Service Valves and Receiver Tank

EVAPORATIVE CONDENSATE UNITS CROSS REFERENCE

REFRIGERANT	HP	TECUMSEH	DANFOSS	EMBRACO	COPELAND
R-404A / R-407A R-448A / R-449A / R-452A	1/5	AE4425Z-AA1A**	Not Available	Not Available	M4TM-H020
	1/3	AE4440Z-AA1A**	Not Available	Not Available	M4TM-H025
R-134a / R-513A	1/4	AE4430Y-AA1A**	Not Available	Not Available	M2TH-H026
	1/3	AE4440Y-AA1A**	Not Available	Not Available	M2TH-H033
R-404A / R-407A R-448A / R-449A / R-452A	1/4	AE2410Z-AA1A**	Not Available	Not Available	M4TL-H025

LOW PROFILE CONDENSING UNITS CROSS REFERENCE

REFRIGERANT	HP	TECUMSEH	DANFOSS	EMBRACO	COPELAND
R-12	1/4	AE4430A-AA1A**	UCBC0025RW	FF10BX	E6AB-A033
	1/3	AE4440A-AA1A**	UCBC0033RW	FF12BX	MBFH-A049
R-134a R-513A	1/8	THB0410YXA**	UCGC0017RW	EMIS30HHR	M2BH-0020
	1/5	AE3425Y-AA1A**	UCGC0020RW	UNT6220Z	FTAH-0024
	1/4	AE4430Y-AA1A**	UCGC0025RW	UNEK6170Z	M2FH-0026
	1/3	AE4440Y-AA1A**	UCGC0033RW	UNEK6210Z	M2FH-0033
R-22	1/3	AE4430E-AA1A**	HCMC0033RW	Not Available	FTAH-A033
R-404A / R-407A R-448A / R-449A / R-452A	1/5	AE4425Z-AA1A**	UCHC0020RW	UNT6220	M2FH-0026
	1/3	AE4440Z-AA1A**	UCHC0033RW	NEK6181GK	M4FH-0025
R-12	1/3	AE2413A-AA1B**	UCHC0033R	Not Available	MBFL-A034
R-134a R-513A	1/4	AE2410Y-AA1A**	Not Available	Not Available	2MAL-0025
	1/3	AE2413Y-AA1B**	Not Available	UNE2130Z	2MAL-0033
R-404A / R-407A R-448A / R-449A / R-452A	1/4	AE2410Z-AA1A**	UCHC0025R	NEK2121GK	M6JL-H023
	1/3	AE2415Z-AA1A**	UCHC0050R	NEK2121GK	M4FL-0033

STANDARD PROFILE UNITS CROSS REFERENCE

REFRIGERANT	HP	TECUMSEH	DANFOSS	EMBRACO	COPELAND
R-12	1/2	AJA7444A****	UCBC0050RW****	Not Available	MBAM-0050-****
	3/4	AJA4488A****	UCBC0075RW****	Not Available	MBAH-0075-****
	1	AJA4512ANA**	UCBC0100RW****	Not Available	FBAH-C100-****
R-134a R-513A	1/2	AKA4457Y****	OP-HCGC0055RW****	Not Available	M2FH-A050-****
	1/2	AE4450Y-AA1A**	OP-UCGC0050RW****	UNEK6214Z	ENAG-A050-****
	3/4	AJA4480Y****	OP-HCGC0075RW****	Not Available	M2FH-A056-****
R-22	1/3	AKA9435E****	Not Available	Not Available	EA2H-A050-****
	1/2	AKA9446E****	Not Available	Not Available	F3AM-A051-****
	3/4	AKA9461ENA**	Not Available	Not Available	EA3H-A075-CAV-020
	1	AJA9486ENA**	Not Available	Not Available	C8AJ-0100-CAV-001
R-404A / R-407A R-448A / R-449A R-452A	1/3	AKA9430ZAA**	OP-UCHC0033R****	NEK6210GK	M4CH-A036-IAA-021
	1/2	AKA9442Z****	OP-HCHC0060U****	UNT6217GKU	M4FF-0050-****
	1/2	AE4470Z-AA3C**	OP-HCHC0060U****	UNT6217GKU	M4FF-0050-IAA-212
	3/4	AKA9463Z****	OP-HCHC0075U****	UNT6222GKV	M4FF-0075-****
	1	AJA7480ZNA**	OP-HCHC0100U****	UNT6226GKV	E8AJ-A100-CAV-020
R-12	1/2	AJA2427AAADG	Not Available	Not Available	EAAL-A050-IAA-100
	1/2	AJA2427ANADG	Not Available	Not Available	EBAL-A050-CAV-020
R-134a / R-513A	1/2	AJA2423YAA**	Not Available	Not Available	EBAL-A050-CAV-020
R-404A / R-407A R-448A / R-449A R-452A	1/2	AJA2423ZAA**	OP-LCHC0050R****	NEK2150GK	M4FL-H051-IAA-103
	3/4	AKA2430ZAA**	OP-LCHC0060U****	UNT2168GKV	M4FL-A067-CAA-107
	1	AJB2439ZAA**	OP-LCHC0075U****	UNT2180GKV	M4CL-0075-CFA-212



REPLACE

STEP 1

Confirm Specifications

- ▶ Application / Capacity
- ▶ Refrigerant
- ▶ Voltage

STEP 2

Review Physical Size

STEP 3

Select Feature(s)

Cross reference comparisons do not imply that all products compared are exact in form, fit and function.

Review specifications prior to purchase.



Tecumseh

Cooling for a Better Tomorrow™



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Subsidiary of Tecumseh Products Company LLC
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CELSEON®
INDOOR CONDENSING UNITS

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