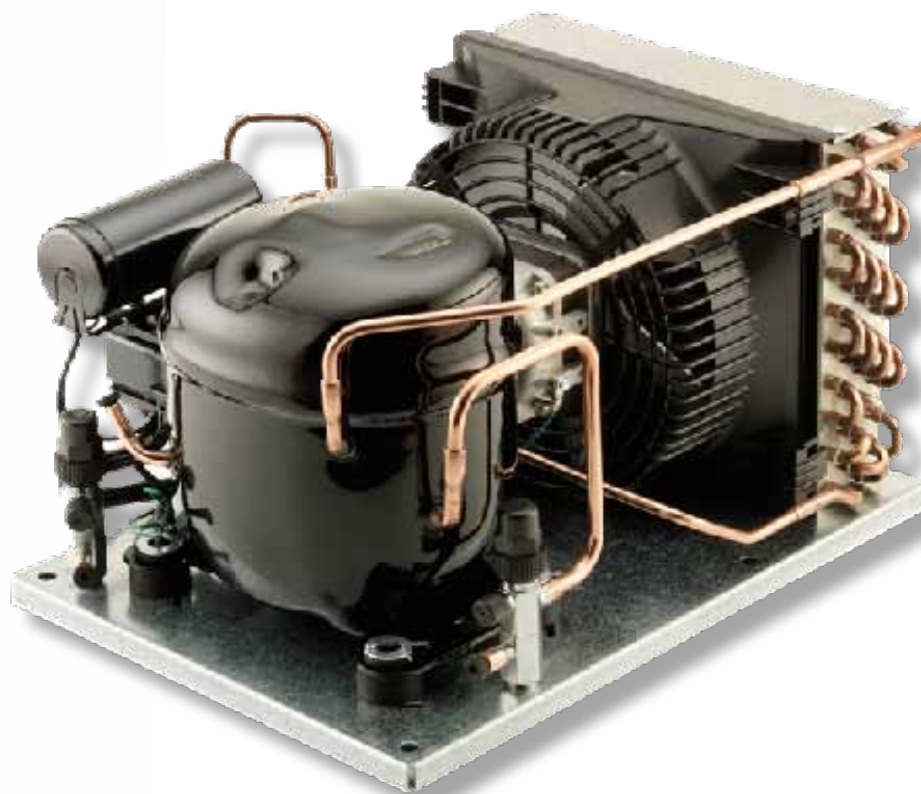




Tecumseh



Low Profile/Compact Design. New AE² High Efficiency Compressor.

FEWER MODELS TO STOCK

Celseon covers a broad capacity range with a limited number of models.

LOW PROFILE/COMPACT SIZE

Works well in space restricted applications.

EFFICIENT

The AE² compressor uses less energy to deliver the required cooling capacity.

SAVES TIME & MONEY

Sweat connections and electrical screw terminations makes installation fast and easy.

EASY CHANGE-OUT

Shut-off valve allows system isolation for easy replacement and servicing.

MAINTENANCE FRIENDLY

Removable molded fan guard assembly for easy cleaning.

CELSEON[®]

For more information on products by Tecumseh, please visit our website www.tecumseh.com

SPECIFICATIONS

Product

Evaporating Ranges:	High Temperature:	20°F to 55°F (-6.7°C to 12.8°C)
	Commercial Temperature:	-10°F to 40°F (-23.3°C to 4.4°C)
	Low Temperature:	-40°F to 10°F (-40°C to -12.2°C)
Ambient Operating Temperature:	80°F (26.6°C) up to 105°F (40.5°C)	

Materials

Steel Valves:	Steel, Base Mounted with Copper Sweat Connections Replacement P/N: 1/4 inch 56605, 3/8 inch 56604		
Receiver:	Steel, Base Mounted with Copper Sweat Connections Replacement P/N: 51085-1		
	Length: 6 inches (152.4 mm)	Diameter: 2 inches (51 mm)	Internal Capacity: 17 in ³ (278.6 cm ³)
Base Plate:	Cold Rolled Steel 16 Ga. Galvanized G90u		
Oil:	Refrigerant	Oil Type	
	R134a, R404A/R507 R12, R22	Polyolester (POE) Synthetic Alkylate (AB)	
Termination:	Electrical Screw Terminations		
Fan Guard:	High Density Polyethylene – Replacement P/N: 116-002P		
Fan Blade:	Replacement P/N: 6W-4VEA009 9W-4VEA010		
Fan Motor:	Shade Pole (SP) – Replacement P/N: 6W-NUT6B06ZUN301 9W-NUT6B09PUN301		
Condenser:	Copper Tube and Aluminum Fin 9.25 inches (234 mm) x 8.25 inches (203 mm) Replacement P/N: Three Row 506-G333 and Four Row 506-G434		
Electrical Cord:	Length: 20 inches (508 mm) – Replacement P/N: 85106-10 Type: Three Prong, Grounded Plug		

Dimensions

Length: 16 inches (406 mm)	Width: 11.5 inches (292 mm)	Height: 8.9 inches (227 mm)
Suction Line Sweat Connection:	5/16 inch (7.9 mm)	
Liquid Line Sweat Connection:	1/4 inch (6.35 mm)	

CONDENSING UNIT MODEL NUMBER

AE 4 440 Y = AA 1A S K (AE² models only)
AEA 4 440 Y XA S K (All models except AE²)

Family & Generation

AEA, AEB Compressor Series
 TPA, TPB, THA Compressor Series

Application Range

3, 4 High -6.7°C to 12.8°C (20°F to 55°F)
 9, 0 Commercial -23.3°C to 4.4°C (-10°F to 40°F)
 4 High/Comm. (AE² models only)
 1, 2 Low -40°C to -12.2°C (-40°F to 10°F)

Capacity

First number is total digits
 Remainder is capacity in Btuh
 This example 4000 Btuh Capacity

Refrigerant

A = R12 E = R22 Y = R134a Z = R404A/R507

Options

K (39), B (49), C (59), S (69)

Fan Motor/Efficiency

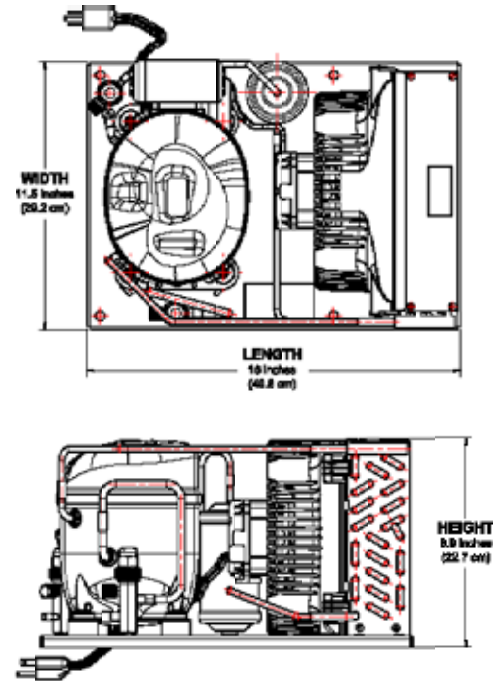
S Shaded Pole Motor (SP),
 Standard Efficiency
 C Electronically Commutated
 Motor (ECM), High Efficiency

Voltage

AA 115/60/1
 AB 115/60/1, 90/50/1
 XA 115/60/1, 100/50/1

Release Variant

DIMENSIONS



AVAILABLE OPTIONS

Select the Model
 Designation for Customized
 Option Configurations

Options	Description
K (39)	Includes Sweat Connections and Power Cord
B (49)	Includes Sweat Connections, Power Cord and Receiver Tank
C (59)	Includes Sweat Connections, Power Cord, Receiver Tank and Service Valves
S (69)	Includes Sweat Connections, Power Cord and Service Valves