



Tecumseh



Evaporative Condensate Condensing Units

FEWER MODELS TO STOCK

The Evap Condensate unit covers a broad capacity range with a limited number of models.

LOW PROFILE/COMPACT SIZE

Works well in space restricted applications or to increase refrigerated capacity.

EFFICIENT

The AE² compressor model versions use less energy.

SAVES TIME & MONEY

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

CONDENSATE BASE

Provides condensate removal without external piping to drains.

MAINTENANCE FRIENDLY

Redesigned removable molded fan guard assembly improves serviceability.

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)	

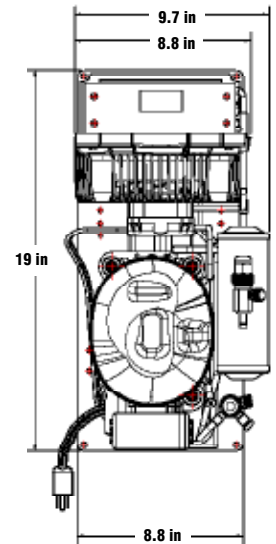
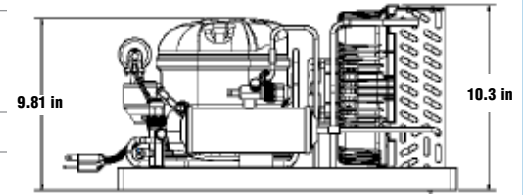
Materials

Steel Valves:	Suction: Base Mounted, 3/8" Copper Sweat Connections, Replacement P/N 56580-1 Discharge: Receiver mounted, 1/4" Copper Sweat Connections			
Receiver:	Steel, Base Mounted with Copper Sweat Connections or with a valve			
	Replacement P/N: 51085-1H	Length 6 inches (152 mm)	Diameter 2.5 inches (63 mm)	Internal Capacity 17 in ³ (279 cm ³)
Replacement P/N: 51085-1HV with valve	Length 7.5 inches (191 mm)	Diameter 2.5 inches (63 mm)	Internal Capacity 33 in ³ (540 cm ³)	
	Base Plate: Poly Vinyl Chloride (PVC)			
Refrigerant/Oil:	Polyolester (POE) R134a, R404A/R507	Synthetic Alkylate (AB) R22		
Termination:	Electrical Screw Terminations			
Fan Guard:	Polypropylene Replacement P/N: 116-003P			
Fan Blade:	Polypropylene Replacement P/N: 6W-4VEA009 9W-4VEA010			
Fan Motor:	Shade Pole (SP) Replacement P/N: 6W-NUT6B06ZUN301 (115V), NUT6B06ZUN201 (230V) 9W-NUT6B09PUN301 (115V), NUT6B09PUN201 (230V)			
Condenser:	Copper Tube and Aluminum Fin	Dimensions: 10 inches (254 mm) x 6 inches (152 mm) Replacement P/N: Three Row 50733-G04 and Four Row 50734-G04		
Electrical Cord:	Replacement P/N: 85106-10 (115V), 85259-3 (230V) Type: Three Prong, Grounded Plug			

Dimensions

Length: 19 inches (483 mm)	Width: 9.7 inches (246 mm) with receiver 8.8 inches (223 mm) without receiver	Height: 10.3 inches (262 mm)
Sweat Connection:	Suction Line: 5/16 inch (7.9 mm) Liquid Line: 1/4 inch (6.35 mm)	

DIMENSIONS



AVAILABLE OPTIONS

Select the Model Designation for Customized Option Configurations

CONDENSING UNIT MODEL NUMBER

AE 4 440 Y - AA 1A G K (AE² models only)
AEA 4 440 Y XA | G K (All models except AE²)

Family & Generation

AEA, AEB Compressor Series
TPA, TPB Compressor Series

Application Range

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

Capacity

First number is total digits. Remainder is capacity in Btu/h.
This example 4000 Btu/h Capacity

Refrigerant

E = R 22 Y = R134a Z = R404A/R507

Options: Model (BOM)

L (29), K (39), B (49), C (59)

Evap Condensate Unit Voltage

AA 115/60/1
 AB 115/60/1, 90/50/1
 XA 115/60/1, 100/50/1
 XD 208-230/60/1, 200/50/1
 XC 220-240/50/1

Release Variant

Options	Description
L (29)	Standard unit (Does <u>Not</u> Include Power Cord, Receiver Tank, or Service Valves)
K (39)	Includes Power Cord
B (49)	Includes Power Cord and Receiver Tank
C (59)	Includes Power Cord, Receiver Tank and Service Valves