



*Tecumseh*

# Tecumseh ARGUS™

TECHNICAL GUIDE

## SUSTAINABILITY, FLEXIBILITY & SERVICEABILITY

INDOOR/OUTDOOR CONDENSING UNIT  
½ TO 12 HP



**NEW LARGER  
MODELS  
AVAILABLE**

[WWW.TECUMSEH.COM](http://WWW.TECUMSEH.COM)

# Tecumseh ARGUS™

Built on 85 years of climate control expertise, Tecumseh ARGUS is an air-cooled, low and medium temperature condensing unit with both indoor and outdoor configurations. With a capacity range of ½ to 12 HP, Tecumseh ARGUS is ideal for walk-in coolers and freezers and will stand up to any demand in the commercial refrigeration market. With optimized feature sets and customizable options, Tecumseh ARGUS provides sustainability, performance, flexibility and serviceability.



## LED LIGHT

Activates when system door is opened, allowing visibility in any location

## ARGUS AXIS SYSTEM

Easily remove door and streamline service workflow

## PRODUCT DESCRIPTION

|                  |                          |
|------------------|--------------------------|
| Application:     | Low Temp, Medium Temp    |
| Horsepower:      | ½ to 12 HP               |
| BTU/H Range:     | 3,000 - 100,000          |
| Compressor Type: | Reciprocating, Scroll    |
| Refrigerant:     | R-404A R-448A, R-449A    |
| Condenser Coil:  | Tube & Fin, Microchannel |

## SUSTAINABILITY

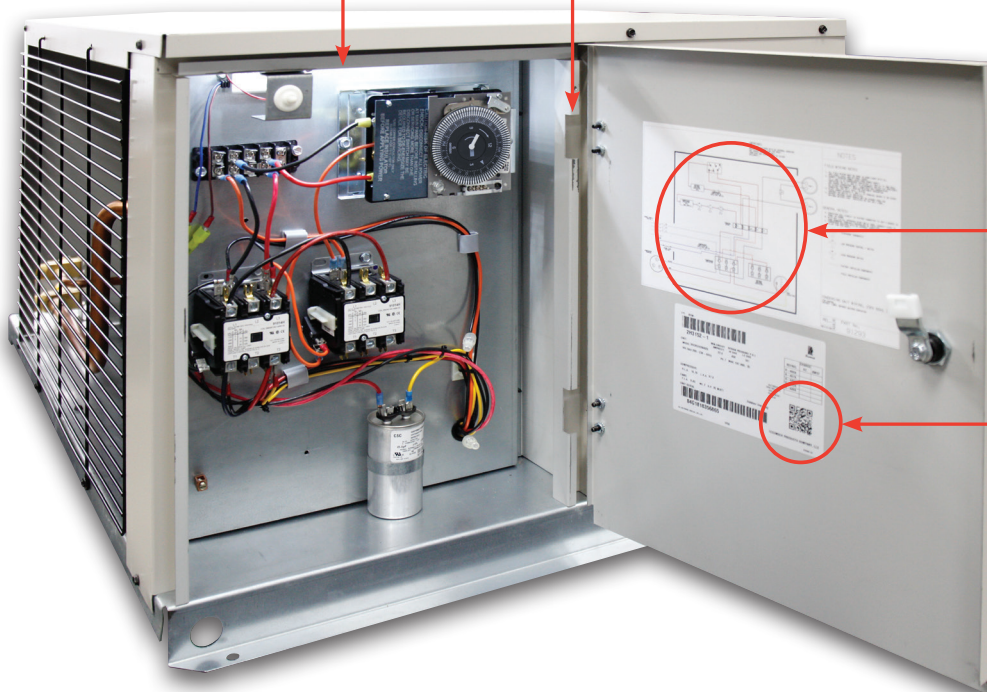
- Designed specifically for R-448A and R-449A

## FLEXIBILITY

- Silver, Platinum or Gold feature sets
- Feature sets customizable to any specification

## SERVICEABILITY

- Designed with serviceability in mind
- Vast distribution network
- Easy to access without removing top of unit
- Base valves provide drop-and-go solution for any installation



## DIAGRAM

Enlarged color coded electrical diagram to ease serviceability

## QR CODE

Easy access to wiring diagrams, performance data, service parts list and our world-class Technical Service team



# TECHNICAL GUIDE



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



## MODEL NOMENCLATURE (EXAMPLE: ASHR9440ZNAMP1)

| CU FAMILY | PRODUCT TYPE                   | COMPRESSOR           | APPLICATION RANGE    | NOMINAL CAPACITY R404A                                                                                   | REFRIGERANT                | POWER SUPPLY                                                                                           | UNIT CONFIGURATION (APPLICATION)                                                                                                                                                                                                             | FACTORY INSTALLED OPTIONS                                                                        | GENERATION        |
|-----------|--------------------------------|----------------------|----------------------|----------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------|
| <b>AS</b> | <b>H</b>                       | <b>R</b>             | <b>9</b>             | <b>440</b>                                                                                               | <b>Z</b>                   | <b>NA</b>                                                                                              | <b>M</b>                                                                                                                                                                                                                                     | <b>P</b>                                                                                         | <b>1</b>          |
| <b>AS</b> | <b>H</b><br>(Outdoor - Remote) | <b>S</b><br>(Scroll) | <b>9</b><br>(Medium) | First number is total digits.<br><br>Remainder is capacity in Btu/h.<br><br>This example;<br>4,000 Btu/h | R-404A<br>R-448A<br>R-449A | <b>AA</b><br>(115V/60Hz/1)<br><br><b>NA</b><br>(208-230V/60Hz/1)<br><br><b>FA</b><br>(208-230V/60Hz/3) | <b>M</b><br>(microchannel with PSC fan motor)<br><br><b>F</b><br>(tube and fin with PSC fan motor)<br><br><b>N</b><br>(microchannel with high efficiency, EC fan motor)<br><br><b>H</b><br>(tube and fin with high efficiency, EC fan motor) | <b>S</b><br>Silver<br><br><b>P</b><br>Platinum<br><br><b>G</b><br>Gold<br><br><b>C</b><br>Custom | <b>1</b><br>(1st) |

## FLEXIBILITY

We have the right solution for any application and offer a variety of options and feature sets customizable to any specification. Options can be configured by selecting the pre-configured feature sets or by a la carte selection dependent on the application requirement. Whatever your project requires, we provide dependable, low-maintenance solutions which can grow your business. Both indoor and outdoor units come with a cover.

## PRE-CONFIGURED FEATURE SETS

### OUTDOOR CONDENSING UNIT – MEDIUM TEMPERATURE

| FEATURES                             | SILVER | PLATINUM | GOLD |
|--------------------------------------|--------|----------|------|
| SERVICE VALVES                       | X      | X        | X    |
| CRANKCASE HEATER                     | X      | X        | X    |
| ADJUSTABLE LOW PRESSURE CONTROL      |        | X        | X    |
| FIXED LOW PRESSURE SWITCH            | X      |          |      |
| HIGH PRESSURE SWITCH                 | X      | X        | X    |
| RECEIVER TANK                        | X      | X        |      |
| RECEIVER TANK (HEATED AND INSULATED) |        |          | X *  |
| LIQUID LINE FILTER DRIER             |        | X        | X    |
| SIGHT GLASS                          |        | X        | X    |
| DISCHARGE CHECK VALVE                |        |          | X    |
| ACCUMULATOR (INSULATED)              |        |          | X    |
| SUCTION LINE FILTER                  |        |          | X    |
| HEAD PRESSURE CONTROL                | X      | X        | X    |
| ELECTROMECHANICAL DEFROST TIMER      |        |          | X    |
| ELECTRICAL BOX                       | X      | X        | X    |
| LED LIGHT                            | X      | X        | X    |
| QR CODE                              | X      | X        | X    |
| ACCESS DOOR (REMOVABLE)              | X      | X        | X    |
| PRE-PAINTED ENCLOSURE                | X      | X        | X    |

### OUTDOOR CONDENSING UNIT – LOW TEMPERATURE

| FEATURES                             | SILVER | PLATINUM | GOLD |
|--------------------------------------|--------|----------|------|
| SERVICE VALVES                       | X      | X        | X    |
| CRANKCASE HEATER                     | X      | X        | X    |
| ADJUSTABLE LOW PRESSURE CONTROL      | X      | X        | X    |
| FIXED LOW PRESSURE SWITCH            |        |          |      |
| HIGH PRESSURE SWITCH                 | X      | X        | X    |
| RECEIVER TANK                        | X      | X        |      |
| RECEIVER TANK (HEATED AND INSULATED) |        |          | X *  |
| LIQUID LINE FILTER DRIER             |        | X        | X    |
| SIGHT GLASS                          |        | X        | X    |
| DISCHARGE CHECK VALVE                | X      | X        | X    |
| ACCUMULATOR (INSULATED)              |        | X        | X    |
| SUCTION LINE FILTER                  |        |          | X    |
| HEAD PRESSURE CONTROL                | X      | X        | X    |
| ELECTROMECHANICAL DEFROST TIMER      |        | X        | X    |
| ELECTRICAL BOX                       | X      | X        | X    |
| LED LIGHT                            | X      | X        | X    |
| QR CODE                              | X      | X        | X    |
| ACCESS DOOR (REMOVABLE)              | X      | X        | X    |
| PRE-PAINTED ENCLOSURE                | X      | X        | X    |

**Indoor models do not include crank case heater or head pressure control.**

\*Indoor gold models include a standard, non-heated, receiver.

Relay and start capacitor components standard on all condensing unit feature packages other than 3-phase models.

All low temperature scroll compressors include liquid injection standard.

Refer to Tecumseh's Remote Condensing Unit Installation Instructions for Head Pressure Control Settings.

## CUSTOM OPTIONS

### STEP 1:

Choose the appropriate “silver” (base) model number or item number.

### STEP 2:

Select your required options from the list below.

### STEP 3:

Submit request to your regional Tecumseh account manager.

#### AVAILABLE FACTORY INSTALLED OPTIONS

- Electromechanical defrost timer – 120 V
- Electromechanical defrost timer – 240 V
- Electromechanical defrost timer – Electric with adaptive defrost
- Liquid line filter drier and sight glass
- Adjustable low-pressure control
- Suction line filter
- Accumulator
- Heated insulated receiver
- Discharge check-valve – LBP standard
- Mounted non-fused disconnect
- E-Coated Coils (Tube Fin)
- E-Coated Coils (Microchannel)
- Phase Monitor

#### AVAILABLE FIELD INSTALLED ACCESSORY

- Hail Guard

These parts are shipped separate and installed in the field.



## ANNUAL WALK-IN ENERGY FACTOR (AWEF)

The Annual Walk-in Energy Factor (AWEF) measures the efficiency of a system's electrical energy input versus its cooling capacity. All commercial refrigeration equipment should comply with the AWEF rating defined by the Department of Energy (DOE). This new set of standards will reduce energy consumption and increase efficiency of commercial refrigeration equipment. NRCan walk-in cooler and freezer regulations, once they go into effect, will use the same efficiency metric.

### WHO IS RESPONSIBLE?

Manufacturers who build, certify and mark equipment which is compliant and individuals selecting equipment for covered installations, such as contracting companies or OEMs. The

DOE conducts random checks to ensure equipment meets advertised efficiencies. Any party who selects or uses non-compliant equipment, is subject to penalties.

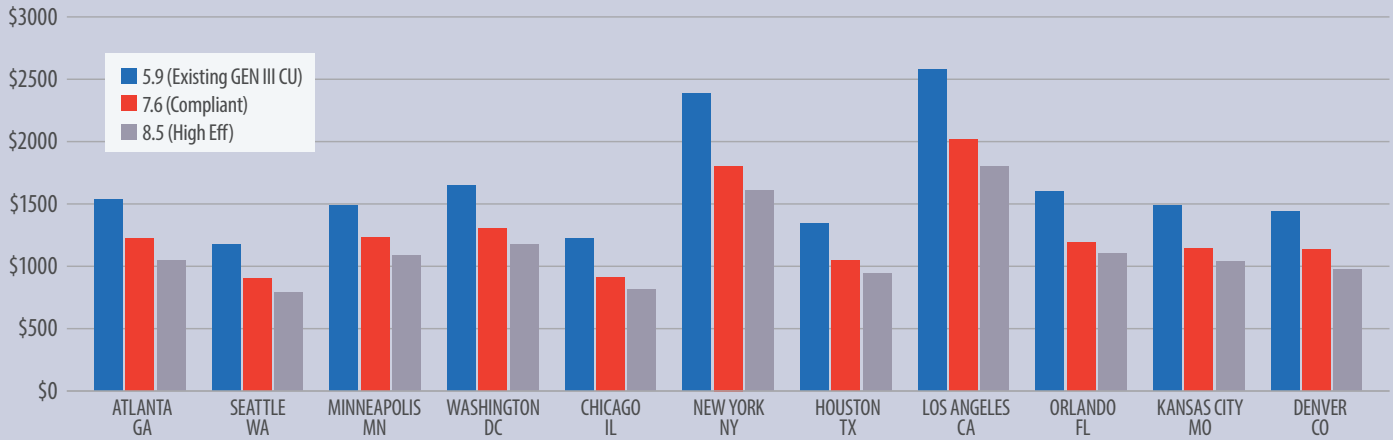
### WHICH PRODUCTS?

- Condensing units which contain compressors and condenser coils
- Unit coolers which contain evaporator coil and air movers
- Packaged units such as standalone, self-contained refrigeration systems
- Medium temperature applications where box temperature is above 32°F
- Low temperature applications where box temperature is below 32°F

## MEDIUM TEMPERATURE TUBE FIN AND MICROCHANNEL

| CHASSIS | MODELS         | INDOOR |               | OUTDOOR |               |
|---------|----------------|--------|---------------|---------|---------------|
|         |                | R-404A | R-449A/R-448A | R-404A  | R-449A/R-448A |
| Small   | AS*R9440Z***** | 5.61   | 5.61          | 7.60    | 7.60          |
|         | AS*R9460Z***** | 5.61   | 5.61          | 7.60    | 7.60          |
|         | AS*R9480Z***** | 5.61   | 5.61          | 7.60    | 7.60          |
| Medium  | AS*R9510Z***** | 5.61   | 5.61          | 7.60    | 7.60          |
|         | AS*R9512Z***** | 5.61   | 5.61          | 7.60    | 7.60          |
|         | AS*S9516Z***** | 5.61   | 5.61          | 7.60    | 7.60          |
|         | AS*S9520Z***** | 5.61   | 5.61          | 7.60    | 7.60          |
|         | AS*S9522Z***** | 5.61   | 5.61          | 7.60    | 7.60          |
| Large   | AS*S9524Z***** | 5.61   | 5.61          | 7.60    | 7.60          |
|         | AS*S9532Z***** | 5.61   | 5.61          | 7.60    | 7.60          |
|         | AS*S9540Z***** | 5.61   | 5.61          | 7.60    | 7.60          |
|         | AS*S9548Z***** | 5.61   | 5.61          | 7.60    | 7.60          |
| XL      | AS*S9563Z***** | 5.61   | 5.61          | 7.60    | 7.60          |
|         | AS*S9575Z***** | 5.61   | 5.61          | 7.60    | 7.60          |
|         | AS*S9583Z***** | 5.61   | 5.61          | 7.60    | 7.60          |
|         | AS*S9593Z***** | 5.61   | 5.61          | 7.60    | 7.60          |

## AVERAGE YEARLY UTILITY COSTS – WICF OUTDOOR CONDENSING UNITS



Analysis based on 5 HP Outdoor Medium Temperature Condensing System using weather BIN data and state EIA energy rates from 2017.

## LOW TEMPERATURE TUBE FIN AND MICROCHANNEL

| CHASSIS | MODELS         | INDOOR |               | OUTDOOR |               |
|---------|----------------|--------|---------------|---------|---------------|
|         |                | R-404A | R-449A/R-448A | R-404A  | R-449A/R-448A |
| Small   | AS*R2430Z***** | 1.96   | 1.96          | 2.82    | 2.82          |
|         | AS*R2440Z***** | 1.99   | 1.99          | 2.85    | 2.85          |
|         | AS*R2450Z***** | 2.01   | 2.01          | 2.87    | 2.87          |
|         | AS*R2460Z***** | 2.08   | 2.08          | 2.89    | 2.89          |
| Medium  | AS*R2480Z***** | 2.21   | 2.21          | 2.98    | 2.98          |
|         | AS*R2510Z***** | 2.30   | 2.30          | 3.05    | 3.05          |
|         | AS*S2480Z***** | 2.28   | 2.28          | 3.05    | 3.05          |
|         | AS*S2510Z***** | 2.40   | 2.40          | 3.15    | 3.15          |
|         | AS*S2512Z***** | 2.40   | 2.40          | 3.15    | 3.15          |
|         | AS*S2514Z***** | 2.40   | 2.40          | 3.15    | 3.15          |
| Large   | AS*S2520Z***** | 2.40   | 2.40          | 3.15    | 3.15          |
|         | AS*S2524Z***** | 2.40   | 2.40          | 3.15    | 3.15          |
|         | AS*S2527Z***** | 2.40   | 2.40          | 3.15    | 3.15          |
|         | AS*S2531Z***** | 2.40   | 2.40          | 3.15    | 3.15          |
| XL      | AS*S2542Z***** | 2.40   | 2.40          | 3.15    | 3.15          |



## MEDIUM TEMPERATURE | TUBE/FIN PERFORMANCE

### R-404A CAPACITY TABLES (BTU/H)

#### 80°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |         |         |         |
|----------------|---------------------------|--------|--------|---------|---------|---------|
|                | - 10°F                    | 0°F    | 10°F   | 20°F    | 25°F    | 30°F    |
| AS*R9440Z***** | 2,096                     | 2,631  | 3,340  | 4,227   | 4,482   | 4,997   |
| AS*R9460Z***** | 3,451                     | 4,626  | 5,968  | 7,485   | 7,861   | 8,664   |
| AS*R9480Z***** | 4,528                     | 6,026  | 7,664  | 9,449   | 9,835   | 10,744  |
| AS*R9510Z***** | 5,703                     | 7,838  | 10,345 | 13,236  | 14,027  | 15,591  |
| AS*R9512Z***** | 8,017                     | 10,997 | 14,337 | 18,050  | 18,964  | 20,898  |
| AS*S9516Z***** | 10,245                    | 13,286 | 16,518 | 19,956  | 20,577  | 22,276  |
| AS*S9520Z***** | 13,106                    | 16,523 | 20,363 | 24,642  | 25,492  | 27,719  |
| AS*S9522Z***** | 14,421                    | 18,376 | 22,674 | 27,332  | 28,187  | 30,539  |
| AS*S9524Z***** | 17,133                    | 21,950 | 27,642 | 34,238  | 35,830  | 39,404  |
| AS*S9532Z***** | 22,343                    | 28,504 | 35,178 | 42,392  | 43,707  | 47,339  |
| AS*S9540Z***** | 25,530                    | 33,069 | 41,232 | 50,048  | 51,748  | 56,188  |
| AS*S9548Z***** | 29,883                    | 38,170 | 47,937 | 59,231  | 61,918  | 68,026  |
| AS*S9563Z***** | 38,734                    | 47,776 | 58,354 | 70,652  | 77,505  | 84,205  |
| AS*S9575Z***** | 46,991                    | 57,937 | 70,217 | 84,272  | 92,369  | 100,243 |
| AS*S9583Z***** | 52,624                    | 64,434 | 78,020 | 93,541  | 101,668 | 110,236 |
| AS*S9593Z***** | 59,760                    | 73,129 | 87,811 | 105,110 | 114,132 | 123,633 |

#### 90°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |        |         |         |
|----------------|---------------------------|--------|--------|--------|---------|---------|
|                | - 10°F                    | 0°F    | 10°F   | 20°F   | 25°F    | 30°F    |
| AS*R9440Z***** | 1,873                     | 2,332  | 2,965  | 3,776  | 4,018   | 4,497   |
| AS*R9460Z***** | 3,100                     | 4,138  | 5,345  | 6,723  | 7,074   | 7,813   |
| AS*R9480Z***** | 4,097                     | 5,446  | 6,934  | 8,568  | 8,930   | 9,768   |
| AS*R9510Z***** | 4,880                     | 6,734  | 8,960  | 11,565 | 12,309  | 13,741  |
| AS*R9512Z***** | 6,885                     | 9,547  | 12,564 | 15,952 | 16,823  | 18,606  |
| AS*S9516Z***** | 9,295                     | 12,064 | 15,024 | 18,184 | 18,768  | 20,340  |
| AS*S9520Z***** | 12,130                    | 15,168 | 18,625 | 22,520 | 23,300  | 25,346  |
| AS*S9522Z***** | 13,142                    | 16,707 | 20,611 | 24,870 | 25,668  | 27,835  |
| AS*S9524Z***** | 15,617                    | 19,879 | 25,011 | 31,039 | 32,535  | 35,846  |
| AS*S9532Z***** | 20,253                    | 25,876 | 32,008 | 38,674 | 39,928  | 43,305  |
| AS*S9540Z***** | 23,634                    | 30,227 | 37,436 | 45,290 | 46,788  | 50,778  |
| AS*S9548Z***** | 27,660                    | 34,516 | 42,842 | 52,680 | 55,028  | 60,455  |
| AS*S9563Z***** | 36,507                    | 44,939 | 54,696 | 65,435 | 71,627  | 78,261  |
| AS*S9575Z***** | 44,234                    | 54,025 | 65,672 | 78,431 | 85,047  | 92,840  |
| AS*S9583Z***** | 49,148                    | 60,440 | 72,853 | 86,902 | 94,165  | 101,791 |
| AS*S9593Z***** | 55,717                    | 67,952 | 81,772 | 97,360 | 105,377 | 113,782 |

#### 95°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |        |         |         |
|----------------|---------------------------|--------|--------|--------|---------|---------|
|                | - 10°F                    | 0°F    | 10°F   | 20°F   | 25°F    | 30°F    |
| AS*R9440Z***** | 1,761                     | 2,183  | 2,778  | 3,550  | 3,550   | 4,247   |
| AS*R9460Z***** | 2,925                     | 3,895  | 5,033  | 6,343  | 6,343   | 7,388   |
| AS*R9480Z***** | 3,881                     | 5,156  | 6,570  | 8,127  | 8,127   | 9,280   |
| AS*R9510Z***** | 4,469                     | 6,183  | 8,266  | 10,730 | 10,730  | 12,816  |
| AS*R9512Z***** | 6,321                     | 8,822  | 11,678 | 14,902 | 14,902  | 17,461  |
| AS*S9516Z***** | 8,820                     | 11,453 | 14,275 | 17,298 | 17,298  | 19,371  |
| AS*S9520Z***** | 11,643                    | 14,490 | 17,757 | 21,457 | 21,457  | 24,160  |
| AS*S9522Z***** | 12,504                    | 15,872 | 19,579 | 23,640 | 23,640  | 26,484  |
| AS*S9524Z***** | 14,860                    | 18,843 | 23,695 | 29,441 | 29,441  | 34,066  |
| AS*S9532Z***** | 19,208                    | 24,563 | 30,423 | 36,815 | 36,815  | 41,289  |
| AS*S9540Z***** | 22,686                    | 28,806 | 35,539 | 42,911 | 42,911  | 48,074  |
| AS*S9548Z***** | 26,550                    | 32,689 | 40,294 | 49,405 | 49,405  | 56,670  |
| AS*S9563Z***** | 35,228                    | 43,311 | 52,604 | 63,291 | 62,215  | 74,875  |
| AS*S9575Z***** | 42,641                    | 52,399 | 63,057 | 75,755 | 82,025  | 89,458  |
| AS*S9583Z***** | 47,323                    | 58,124 | 69,866 | 83,078 | 90,721  | 97,919  |
| AS*S9593Z***** | 53,580                    | 65,779 | 78,975 | 93,786 | 101,344 | 109,252 |

#### 100°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |        |        |         |
|----------------|---------------------------|--------|--------|--------|--------|---------|
|                | - 10°F                    | 0°F    | 10°F   | 20°F   | 25°F   | 30°F    |
| AS*R9440Z***** | 1,648                     | 2,033  | 2,590  | 3,323  | 3,554  | 3,998   |
| AS*R9460Z***** | 2,749                     | 3,652  | 4,722  | 5,962  | 6,288  | 6,962   |
| AS*R9480Z***** | 3,666                     | 4,867  | 6,205  | 7,687  | 8,024  | 8,792   |
| AS*R9510Z***** | 4,058                     | 5,631  | 7,573  | 9,893  | 10,592 | 11,890  |
| AS*R9512Z***** | 5,755                     | 8,097  | 10,792 | 13,853 | 14,683 | 16,315  |
| AS*S9516Z***** | 8,344                     | 10,842 | 13,528 | 16,412 | 16,960 | 18,403  |
| AS*S9520Z***** | 11,155                    | 13,813 | 16,888 | 20,396 | 21,107 | 22,974  |
| AS*S9522Z***** | 11,864                    | 15,037 | 18,548 | 22,409 | 23,150 | 25,132  |
| AS*S9524Z***** | 14,103                    | 17,808 | 22,379 | 27,842 | 29,240 | 32,287  |
| AS*S9532Z***** | 18,164                    | 23,250 | 28,839 | 34,956 | 36,149 | 39,272  |
| AS*S9540Z***** | 21,738                    | 27,385 | 33,640 | 40,532 | 41,828 | 45,369  |
| AS*S9548Z***** | 25,438                    | 30,861 | 37,747 | 46,130 | 48,138 | 52,884  |
| AS*S9563Z***** | 33,899                    | 41,627 | 50,447 | 60,546 | 66,133 | 72,108  |
| AS*S9575Z***** | 40,977                    | 50,296 | 60,350 | 72,320 | 78,149 | 85,128  |
| AS*S9583Z***** | 45,800                    | 55,711 | 67,397 | 79,929 | 86,298 | 93,958  |
| AS*S9593Z***** | 51,790                    | 62,950 | 75,351 | 89,176 | 96,152 | 104,608 |

#### 110°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |        |        |        |
|----------------|---------------------------|--------|--------|--------|--------|--------|
|                | - 10°F                    | 0°F    | 10°F   | 20°F   | 25°F   | 30°F   |
| AS*R9440Z***** | 1,424                     | 1,733  | 2,214  | 2,872  | 3,090  | 3,498  |
| AS*R9460Z***** | 2,399                     | 3,166  | 4,099  | 5,201  | 5,502  | 6,112  |
| AS*R9480Z***** | 3,235                     | 4,287  | 5,476  | 6,806  | 7,119  | 7,816  |
| AS*R9510Z***** | 3,235                     | 4,528  | 6,187  | 8,222  | 8,874  | 10,040 |
| AS*R9512Z***** | 4,625                     | 6,646  | 9,019  | 11,755 | 12,543 | 14,023 |
| AS*S9516Z***** | —                         | 9,620  | 12,033 | 14,640 | 15,152 | 16,466 |
| AS*S9520Z***** | —                         | 12,458 | 15,152 | 18,272 | 18,914 | 20,601 |
| AS*S9522Z***** | —                         | 13,368 | 16,484 | 19,947 | 20,631 | 22,428 |
| AS*S9524Z***** | —                         | 15,736 | 19,748 | 24,644 | 25,945 | 28,728 |
| AS*S9532Z***** | 16,074                    | 20,623 | 25,670 | 31,239 | 32,370 | 35,239 |
| AS*S9540Z***** | 19,842                    | 24,542 | 29,844 | 35,774 | 36,868 | 39,959 |
| AS*S9548Z***** | 23,216                    | 27,208 | 32,652 | 39,579 | 41,248 | 45,313 |
| AS*S9563Z***** | 31,326                    | 38,397 | 46,351 | 55,373 | 60,343 | 65,650 |
| AS*S9575Z***** | 37,740                    | 46,245 | 55,182 | 65,822 | 71,673 | 76,987 |
| AS*S9583Z***** | 41,668                    | 51,047 | 61,519 | 72,489 | 78,891 | 84,656 |
| AS*S9593Z***** | 47,430                    | 57,462 | 68,391 | 81,410 | 87,432 | 93,674 |

Medium Temperature Evaporating Range Temperature is -10°F to +45°F.

All capacities are listed in Btu/h.

All capacity data is at dew point conditions.

≤ 20°F is 40°F Return Gas | > 20°F is 65°F Return Gas | Sub cooling 5°F.

Performance data subject to change without notice.





## MEDIUM TEMPERATURE | TUBE/FIN PERFORMANCE

### R-448A/R-449A CAPACITY TABLES (BTU/H)

#### 80°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |         |         |         |
|----------------|---------------------------|--------|--------|---------|---------|---------|
|                | - 10°F                    | 0°F    | 10°F   | 20°F    | 25°F    | 30°F    |
| AS*R9440Z***** | 1,530                     | 2,153  | 2,877  | 3,706   | 3,950   | 4,398   |
| AS*R9460Z***** | 2,495                     | 3,552  | 4,811  | 6,279   | 6,734   | 7,542   |
| AS*R9480Z***** | 3,563                     | 4,741  | 6,131  | 7,739   | 8,190   | 9,068   |
| AS*R9510Z***** | 4,701                     | 6,463  | 8,758  | 11,596  | 12,553  | 14,201  |
| AS*R9512Z***** | 6,289                     | 9,071  | 12,303 | 15,995  | 17,108  | 19,105  |
| AS*S9516Z***** | 9,015                     | 11,628 | 14,641 | 18,067  | 18,929  | 20,765  |
| AS*S9520Z***** | 10,526                    | 13,378 | 16,729 | 20,593  | 21,573  | 23,673  |
| AS*S9522Z***** | 11,021                    | 14,954 | 19,116 | 23,520  | 24,512  | 26,702  |
| AS*S9524Z***** | 14,914                    | 19,940 | 25,500 | 31,612  | 33,118  | 36,289  |
| AS*S9532Z***** | 18,069                    | 23,560 | 29,817 | 36,865  | 38,636  | 42,383  |
| AS*S9540Z***** | 21,728                    | 28,210 | 35,668 | 44,128  | 46,277  | 50,806  |
| AS*S9548Z***** | 25,613                    | 33,101 | 41,630 | 51,233  | 53,593  | 58,695  |
| AS*S9563Z***** | 35,791                    | 44,649 | 55,000 | 67,150  | 73,571  | 80,928  |
| AS*S9575Z***** | 43,538                    | 54,306 | 66,496 | 80,644  | 88,815  | 97,060  |
| AS*S9583Z***** | 48,818                    | 60,563 | 74,115 | 89,823  | 98,291  | 107,355 |
| AS*S9593Z***** | 55,559                    | 68,913 | 83,791 | 101,458 | 110,959 | 121,126 |

#### 90°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |        |         |         |
|----------------|---------------------------|--------|--------|--------|---------|---------|
|                | - 10°F                    | 0°F    | 10°F   | 20°F   | 25°F    | 30°F    |
| AS*R9440Z***** | 1,312                     | 1,891  | 2,569  | 3,352  | 3,591   | 4,018   |
| AS*R9460Z***** | 2,175                     | 3,111  | 4,248  | 5,593  | 6,023   | 6,774   |
| AS*R9480Z***** | 3,179                     | 4,260  | 5,551  | 7,059  | 7,497   | 8,329   |
| AS*R9510Z***** | 3,729                     | 5,315  | 7,433  | 10,092 | 11,039  | 12,604  |
| AS*R9512Z***** | 5,378                     | 7,907  | 10,885 | 14,321 | 15,395  | 17,273  |
| AS*S9516Z***** | 8,255                     | 10,681 | 13,504 | 16,737 | 17,574  | 19,321  |
| AS*S9520Z***** | —                         | 12,330 | 15,436 | 19,052 | 19,991  | 21,976  |
| AS*S9522Z***** | —                         | 13,735 | 17,625 | 21,755 | 22,704  | 24,765  |
| AS*S9524Z***** | 13,471                    | 18,202 | 23,465 | 29,278 | 30,759  | 33,791  |
| AS*S9532Z***** | 16,550                    | 21,699 | 27,613 | 34,313 | 36,046  | 39,630  |
| AS*S9540Z***** | 19,960                    | 25,976 | 32,962 | 40,945 | 43,028  | 47,334  |
| AS*S9548Z***** | —                         | 30,620 | 38,633 | 47,713 | 50,002  | 54,859  |
| AS*S9563Z***** | 34,054                    | 42,498 | 51,948 | 63,272 | 69,636  | 76,016  |
| AS*S9575Z***** | 41,034                    | 51,250 | 62,621 | 76,241 | 83,322  | 91,528  |
| AS*S9583Z***** | 45,934                    | 57,008 | 70,116 | 84,196 | 92,624  | 101,011 |
| AS*S9593Z***** | 52,095                    | 64,689 | 79,025 | 95,506 | 103,526 | 113,689 |

#### 95°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |        |         |         |
|----------------|---------------------------|--------|--------|--------|---------|---------|
|                | - 10°F                    | 0°F    | 10°F   | 20°F   | 25°F    | 30°F    |
| AS*R9440Z***** | 1,204                     | 1,759  | 2,415  | 3,174  | 3,412   | 3,828   |
| AS*R9460Z***** | 2,016                     | 2,891  | 3,967  | 5,249  | 5,668   | 6,390   |
| AS*R9480Z***** | 2,987                     | 4,018  | 5,261  | 6,719  | 7,151   | 7,959   |
| AS*R9510Z***** | 3,242                     | 4,741  | 6,770  | 9,339  | 10,282  | 11,806  |
| AS*R9512Z***** | 4,923                     | 7,326  | 10,176 | 13,484 | 14,539  | 16,356  |
| AS*S9516Z***** | 7,876                     | 10,206 | 12,935 | 16,072 | 16,897  | 18,599  |
| AS*S9520Z***** | —                         | 11,806 | 14,789 | 18,281 | 19,200  | 21,127  |
| AS*S9522Z***** | —                         | 13,125 | 16,879 | 20,872 | 21,800  | 23,797  |
| AS*S9524Z***** | —                         | 17,333 | 22,448 | 28,111 | 29,580  | 32,542  |
| AS*S9532Z***** | 15,791                    | 20,769 | 26,510 | 33,037 | 34,751  | 38,254  |
| AS*S9540Z***** | —                         | 24,859 | 31,609 | 39,354 | 41,403  | 45,598  |
| AS*S9548Z***** | —                         | 29,379 | 37,134 | 45,954 | 48,207  | 52,942  |
| AS*S9563Z***** | 32,933                    | 41,163 | 50,628 | 61,216 | 67,348  | 73,975  |
| AS*S9575Z***** | 39,872                    | 49,527 | 60,938 | 73,647 | 80,425  | 88,323  |
| AS*S9583Z***** | 44,243                    | 55,415 | 67,700 | 81,802 | 89,306  | 98,071  |
| AS*S9593Z***** | 50,488                    | 62,794 | 76,137 | 91,980 | 100,381 | 109,353 |

#### 100°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |        |        |         |
|----------------|---------------------------|--------|--------|--------|--------|---------|
|                | - 10°F                    | 0°F    | 10°F   | 20°F   | 25°F   | 30°F    |
| AS*R9440Z***** | 1,095                     | 1,627  | 2,261  | 2,997  | 3,233  | 3,638   |
| AS*R9460Z***** | 1,857                     | 2,671  | 3,685  | 4,907  | 5,313  | 6,005   |
| AS*R9480Z***** | 2,796                     | 3,777  | 4,971  | 6,380  | 6,805  | 7,590   |
| AS*R9510Z***** | 2,756                     | 4,168  | 6,108  | 8,588  | 9,526  | 11,008  |
| AS*R9512Z***** | 4,467                     | 6,743  | 9,467  | 12,647 | 13,683 | 15,440  |
| AS*S9516Z***** | 7,496                     | 9,732  | 12,366 | 15,407 | 16,220 | 17,878  |
| AS*S9520Z***** | —                         | —      | 14,142 | 17,512 | 18,409 | 20,278  |
| AS*S9522Z***** | —                         | —      | 16,133 | 19,989 | 20,896 | 22,829  |
| AS*S9524Z***** | —                         | 16,464 | 21,432 | 26,945 | 28,401 | 31,293  |
| AS*S9532Z***** | 15,032                    | 19,839 | 25,407 | 31,761 | 33,456 | 36,878  |
| AS*S9540Z***** | —                         | 23,741 | 30,255 | 37,763 | 39,779 | 43,863  |
| AS*S9548Z***** | —                         | 28,138 | 35,635 | 44,194 | 46,411 | 51,024  |
| AS*S9563Z***** | 31,685                    | 39,713 | 48,883 | 59,066 | 64,971 | 71,349  |
| AS*S9575Z***** | 38,273                    | 48,041 | 58,711 | 70,928 | 78,021 | 85,004  |
| AS*S9583Z***** | 42,754                    | 53,267 | 65,125 | 78,677 | 85,845 | 94,274  |
| AS*S9593Z***** | 48,279                    | 60,238 | 73,687 | 89,030 | 96,292 | 105,763 |

#### 110°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |        |        |        |
|----------------|---------------------------|--------|--------|--------|--------|--------|
|                | - 10°F                    | 0°F    | 10°F   | 20°F   | 25°F   | 30°F   |
| AS*R9440Z***** | 877                       | 1,365  | 1,953  | 2,643  | 2,875  | 3,258  |
| AS*R9460Z***** | 1,538                     | 2,230  | 3,123  | 4,220  | 4,602  | 5,237  |
| AS*R9480Z***** | 2,411                     | 3,296  | 4,391  | 5,701  | 6,112  | 6,851  |
| AS*R9510Z***** | 1,783                     | 3,019  | 4,783  | 7,084  | 8,012  | 9,411  |
| AS*R9512Z***** | 3,556                     | 5,580  | 8,049  | 10,972 | 11,970 | 13,608 |
| AS*S9516Z***** | —                         | 8,785  | 11,228 | 14,078 | 14,866 | 16,434 |
| AS*S9520Z***** | —                         | —      | —      | 15,970 | 16,828 | 18,580 |
| AS*S9522Z***** | —                         | —      | —      | 18,222 | 19,088 | 20,892 |
| AS*S9524Z***** | —                         | —      | 19,397 | 24,611 | 26,042 | 28,794 |
| AS*S9532Z***** | —                         | 17,978 | 23,203 | 29,208 | 30,866 | 34,126 |
| AS*S9540Z***** | —                         | —      | 27,549 | 34,580 | 36,530 | 40,391 |
| AS*S9548Z***** | —                         | —      | 32,637 | 40,675 | 42,820 | 47,189 |
| AS*S9563Z***** | 28,762                    | 36,419 | 45,036 | 54,919 | 60,431 | 66,375 |
| AS*S9575Z***** | 34,530                    | 43,855 | 53,791 | 65,673 | 72,290 | 78,696 |
| AS*S9583Z***** | 38,449                    | 48,913 | 60,032 | 72,626 | 79,203 | 87,048 |
| AS*S9593Z***** | 43,685                    | 55,056 | 67,666 | 81,084 | 89,335 | 97,235 |

Medium Temperature Evaporating Range Temperature is -10°F to +45°F.

All capacities are listed in Btu/h.

All capacity data is at dew point conditions.

≤ 20°F is 40°F Return Gas | > 20°F is 65°F Return Gas | Sub cooling 5°F.

Performance data subject to change without notice.

## LOW TEMPERATURE | TUBE/FIN PERFORMANCE

### R-404A CAPACITY TABLES (BTU/H)

#### 80°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |        |        |        |
|----------------|---------------------------|--------|--------|--------|--------|--------|
|                | -30°F                     | -25°F  | -20°F  | -10°F  | 0°F    | 10°F   |
| AS*R2430Z***** | 1,926                     | 2,349  | 2,794  | 3,750  | 4,795  | 5,528  |
| AS*R2440Z***** | 2,209                     | 2,704  | 3,190  | 4,134  | 5,043  | 5,715  |
| AS*R2450Z***** | 3,300                     | 3,790  | 4,215  | 5,010  | 6,875  | 7,950  |
| AS*R2460Z***** | 3,589                     | 4,496  | 5,438  | 7,423  | 9,544  | 11,801 |
| AS*R2480Z***** | 5,971                     | 7,212  | 8,492  | 11,169 | 14,000 | 16,986 |
| AS*S2480Z***** | 6,595                     | 7,431  | 8,337  | 10,358 | 12,658 | 15,238 |
| AS*R2510Z***** | 10,159                    | 10,689 | 11,183 | 12,807 | 15,790 | 19,108 |
| AS*S2510Z***** | 7,904                     | 8,879  | 9,926  | 12,237 | 14,836 | 17,723 |
| AS*S2512Z***** | 8,809                     | 9,885  | 11,048 | 13,633 | 16,563 | 19,840 |
| AS*S2514Z***** | 10,624                    | 11,955 | 13,382 | 16,524 | 20,054 | 23,969 |
| AS*S2520Z***** | 15,258                    | 17,292 | 19,516 | 24,535 | 30,317 | 36,860 |
| AS*S2524Z***** | 17,386                    | 19,890 | 22,566 | 28,427 | 34,970 | 42,194 |
| AS*S2527Z***** | 19,468                    | 21,681 | 24,148 | 29,913 | 36,692 | 44,719 |
| AS*S2531Z***** | 22,578                    | 25,153 | 28,021 | 34,514 | 42,563 | 51,530 |
| AS*S2542Z***** | 29,664                    | 33,286 | 37,136 | 46,136 | 56,735 | 69,289 |

#### 90°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |        |        |        |
|----------------|---------------------------|--------|--------|--------|--------|--------|
|                | -30°F                     | -25°F  | -20°F  | -10°F  | 0°F    | 10°F   |
| AS*R2430Z***** | 1,528                     | 1,921  | 2,190  | 3,080  | 4,215  | 5,287  |
| AS*R2440Z***** | 1,873                     | 2,352  | 2,821  | 3,733  | 4,610  | 5,450  |
| AS*R2450Z***** | 2,950                     | 3,210  | 3,460  | 4,650  | 6,155  | 7,100  |
| AS*R2460Z***** | 3,009                     | 3,821  | 4,667  | 6,462  | 8,392  | 10,459 |
| AS*R2480Z***** | 5,020                     | 6,168  | 7,354  | 9,843  | 12,487 | 15,286 |
| AS*S2480Z***** | 6,062                     | 6,814  | 7,635  | 9,392  | 11,620 | 14,032 |
| AS*R2510Z***** | 8,064                     | 8,555  | 9,064  | 11,277 | 13,740 | 17,177 |
| AS*S2510Z***** | 7,269                     | 8,155  | 9,111  | 11,242 | 13,660 | 16,368 |
| AS*S2512Z***** | 8,066                     | 9,026  | 10,072 | 12,388 | 15,122 | 18,165 |
| AS*S2514Z***** | 9,660                     | 10,826 | 12,087 | 14,705 | 18,100 | 21,685 |
| AS*S2520Z***** | 13,935                    | 15,738 | 17,731 | 22,288 | 27,607 | 33,688 |
| AS*S2524Z***** | 16,034                    | 18,248 | 20,632 | 25,911 | 31,872 | 38,513 |
| AS*S2527Z***** | 18,282                    | 20,388 | 22,724 | 28,149 | 34,453 | 42,189 |
| AS*S2531Z***** | 21,158                    | 23,599 | 26,303 | 32,578 | 39,852 | 48,426 |
| AS*S2542Z***** | 28,015                    | 31,306 | 34,957 | 43,443 | 53,680 | 65,420 |

#### 95°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |        |        |        |
|----------------|---------------------------|--------|--------|--------|--------|--------|
|                | -30°F                     | -25°F  | -20°F  | -10°F  | 0°F    | 10°F   |
| AS*R2430Z***** | 1,330                     | 1,707  | 2,060  | 2,870  | 3,925  | 4,966  |
| AS*R2440Z***** | 1,705                     | 2,176  | 2,637  | 3,533  | 4,393  | 5,217  |
| AS*R2450Z***** | 2,760                     | 3,010  | 3,275  | 4,400  | 5,810  | 6,715  |
| AS*R2460Z***** | 2,795                     | 3,483  | 4,450  | 6,050  | 7,816  | 9,788  |
| AS*R2480Z***** | 4,545                     | 5,646  | 6,785  | 9,180  | 11,730 | 14,435 |
| AS*S2480Z***** | 5,796                     | 6,505  | 7,364  | 9,157  | 11,101 | 13,428 |
| AS*R2510Z***** | 7,017                     | 7,486  | 8,232  | 10,192 | 12,715 | 16,211 |
| AS*S2510Z***** | 6,952                     | 7,792  | 8,666  | 10,903 | 13,073 | 15,690 |
| AS*S2512Z***** | 7,694                     | 8,596  | 9,677  | 11,840 | 14,400 | 17,328 |
| AS*S2514Z***** | 9,179                     | 10,261 | 11,544 | 14,192 | 17,122 | 20,543 |
| AS*S2520Z***** | 13,274                    | 14,961 | 16,838 | 21,164 | 26,252 | 32,102 |
| AS*S2524Z***** | 15,358                    | 17,426 | 19,665 | 24,653 | 30,322 | 36,673 |
| AS*S2527Z***** | 17,649                    | 19,687 | 21,942 | 27,168 | 33,461 | 40,637 |
| AS*S2531Z***** | 20,406                    | 22,932 | 25,558 | 31,400 | 38,660 | 46,538 |
| AS*S2542Z***** | 27,038                    | 30,226 | 33,755 | 41,937 | 51,792 | 63,041 |

#### 100°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |        |        |        |
|----------------|---------------------------|--------|--------|--------|--------|--------|
|                | -30°F                     | -25°F  | -20°F  | -10°F  | 0°F    | 10°F   |
| AS*R2430Z***** | 1,131                     | 1,493  | 1,877  | 2,374  | 3,237  | 4,173  |
| AS*R2440Z***** | 1,537                     | 1,999  | 2,453  | 2,480  | 3,453  | 4,633  |
| AS*R2450Z***** | 2,520                     | 2,805  | 3,115  | 3,386  | 4,521  | 5,862  |
| AS*R2460Z***** | 2,559                     | 3,146  | 3,897  | 4,519  | 6,435  | 8,630  |
| AS*R2480Z***** | 4,070                     | 5,124  | 6,216  | 7,330  | 10,076 | 13,131 |
| AS*S2480Z***** | 5,529                     | 6,197  | 6,934  | 8,068  | 9,967  | 12,117 |
| AS*R2510Z***** | 5,970                     | 6,419  | 7,143  | 8,486  | 10,569 | 12,350 |
| AS*S2510Z***** | 6,635                     | 7,430  | 8,296  | 9,454  | 11,675 | 14,190 |
| AS*S2512Z***** | 7,323                     | 8,166  | 9,096  | 10,499 | 12,906 | 15,617 |
| AS*S2514Z***** | 8,697                     | 9,697  | 10,794 | 12,185 | 14,913 | 17,990 |
| AS*S2520Z***** | 12,612                    | 14,184 | 15,946 | 18,336 | 22,496 | 27,085 |
| AS*S2524Z***** | 14,682                    | 16,605 | 18,698 | 21,322 | 26,712 | 32,941 |
| AS*S2527Z***** | 17,000                    | 18,960 | 21,124 | 26,131 | 32,155 | 38,992 |
| AS*S2531Z***** | 19,793                    | 22,074 | 24,591 | 30,412 | 37,094 | 44,952 |
| AS*S2542Z***** | 26,033                    | 29,104 | 32,495 | 40,343 | 49,785 | 60,514 |

#### 110°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |        |        |        |
|----------------|---------------------------|--------|--------|--------|--------|--------|
|                | -30°F                     | -25°F  | -20°F  | -10°F  | 0°F    | 10°F   |
| AS*R2430Z***** | 734                       | 1,065  | 1,419  | 2,192  | 3,054  | 4,005  |
| AS*R2440Z***** | 1,201                     | 1,647  | 2,084  | 2,932  | 3,743  | 4,519  |
| AS*R2450Z***** | 2,250                     | 2,690  | 3,040  | 4,010  | 4,800  | 5,590  |
| AS*R2460Z***** | 2,269                     | 2,770  | 3,126  | 4,540  | 6,089  | 7,775  |
| AS*R2480Z***** | —                         | 4,080  | 5,078  | 7,192  | 9,461  | 11,884 |
| AS*S2480Z***** | 4,996                     | 5,581  | 6,233  | 7,749  | 9,544  | 11,618 |
| AS*R2510Z***** | —                         | 4,488  | 5,211  | 6,938  | 9,639  | 13,315 |
| AS*S2510Z***** | 6,001                     | 6,705  | 7,481  | 9,252  | 11,310 | 13,657 |
| AS*S2512Z***** | 6,579                     | 7,306  | 8,119  | 10,005 | 12,237 | 14,815 |
| AS*S2514Z***** | 7,733                     | 8,569  | 9,500  | 11,653 | 14,191 | 17,116 |
| AS*S2520Z***** | 11,290                    | 12,630 | 14,161 | 17,793 | 22,188 | 27,344 |
| AS*S2524Z***** | 13,330                    | 14,962 | 16,764 | 20,879 | 25,675 | 31,152 |
| AS*S2527Z***** | 15,684                    | 17,610 | 19,586 | 24,149 | 29,637 | 35,819 |
| AS*S2531Z***** | 18,249                    | 20,307 | 22,572 | 27,800 | 34,089 | 41,164 |
| AS*S2542Z***** | 23,990                    | 26,778 | 30,118 | 37,287 | 45,909 | 55,630 |

\*Return gas 40°F evaporator, Sub Cooling 5°F.

Performance data subject to change without notice.

NOTE: When comparing capacity ratings from Tecumseh ARGUS to another manufacturer that is using a return gas temperature of 65°F, simply multiply the Tecumseh ARGUS capacity rating by 1.1 to ensure you are selecting and comparing equipment properly.

## LOW TEMPERATURE | TUBE/FIN PERFORMANCE

### R-448A/R-449A CAPACITY TABLES (BTU/H)

#### 80°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |        |        |        |
|----------------|---------------------------|--------|--------|--------|--------|--------|
|                | -30°F                     | -25°F  | -20°F  | -10°F  | 0°F    | 10°F   |
| AS*R2430Z***** | 1,447                     | 1,821  | 2,210  | 3,036  | 3,925  | 4,877  |
| AS*R2440Z***** | 1,619                     | 1,967  | 2,364  | 3,306  | 4,445  | 5,781  |
| AS*R2450Z***** | 2,183                     | 2,636  | 3,125  | 4,278  | 5,634  | 7,200  |
| AS*R2460Z***** | 2,783                     | 3,541  | 4,365  | 6,211  | 8,321  | 10,695 |
| AS*R2480Z***** | 4,316                     | 5,490  | 6,750  | 9,530  | 12,654 | 16,124 |
| AS*S2480Z***** | 5,678                     | 6,469  | 7,324  | 9,220  | 11,369 | 13,768 |
| AS*R2510Z***** | 7,349                     | 8,695  | 9,715  | 11,766 | 14,586 | 17,292 |
| AS*S2510Z***** | 6,778                     | 7,700  | 8,695  | 10,903 | 13,404 | 16,195 |
| AS*S2512Z***** | 7,369                     | 8,401  | 9,506  | 11,939 | 14,670 | 17,697 |
| AS*S2514Z***** | 8,921                     | 10,133 | 11,431 | 14,289 | 17,495 | 21,050 |
| AS*S2520Z***** | 12,831                    | 14,669 | 16,613 | 20,822 | 25,457 | 30,519 |
| AS*S2524Z***** | 14,575                    | 16,616 | 18,864 | 23,979 | 29,922 | 36,692 |
| AS*S2527Z***** | 17,557                    | 20,072 | 22,672 | 28,653 | 35,634 | 43,524 |
| AS*S2531Z***** | 20,493                    | 23,382 | 26,485 | 33,257 | 41,068 | 50,123 |
| AS*S2542Z***** | 26,565                    | 30,471 | 34,662 | 44,039 | 54,971 | 67,317 |

#### 90°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |        |        |        |
|----------------|---------------------------|--------|--------|--------|--------|--------|
|                | -30°F                     | -25°F  | -20°F  | -10°F  | 0°F    | 10°F   |
| AS*R2430Z***** | 1,142                     | 1,511  | 1,895  | 2,712  | 3,591  | 4,533  |
| AS*R2440Z***** | 1,371                     | 1,680  | 2,037  | 2,900  | 3,960  | 5,216  |
| AS*R2450Z***** | 1,957                     | 2,348  | 2,721  | 3,754  | 5,082  | 6,536  |
| AS*R2460Z***** | 2,131                     | 2,844  | 3,623  | 5,378  | 7,397  | 9,680  |
| AS*R2480Z***** | 3,612                     | 4,690  | 5,854  | 8,441  | 11,374 | 14,651 |
| AS*S2480Z***** | 5,356                     | 6,085  | 6,879  | 8,700  | 10,677 | 12,955 |
| AS*R2510Z***** | 5,778                     | 6,904  | 7,785  | 10,136 | 12,278 | 14,871 |
| AS*S2510Z***** | 6,319                     | 7,169  | 8,091  | 10,255 | 12,510 | 15,157 |
| AS*S2512Z***** | 6,914                     | 7,853  | 8,866  | 11,154 | 13,659 | 16,500 |
| AS*S2514Z***** | 8,338                     | 9,428  | 10,604 | 13,580 | 16,181 | 19,493 |
| AS*S2520Z***** | 12,029                    | 13,741 | 15,559 | 19,516 | 23,898 | 28,708 |
| AS*S2524Z***** | 13,723                    | 15,605 | 17,694 | 22,493 | 28,119 | 34,573 |
| AS*S2527Z***** | 17,026                    | 19,284 | 21,722 | 27,225 | 33,498 | 40,826 |
| AS*S2531Z***** | 19,829                    | 22,421 | 25,223 | 31,561 | 38,797 | 46,952 |
| AS*S2542Z***** | 25,739                    | 29,247 | 33,033 | 41,582 | 51,661 | 63,128 |

#### 95°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |        |        |        |
|----------------|---------------------------|--------|--------|--------|--------|--------|
|                | -30°F                     | -25°F  | -20°F  | -10°F  | 0°F    | 10°F   |
| AS*R2430Z***** | 990                       | 1,356  | 1,738  | 2,550  | 3,424  | 4,362  |
| AS*R2440Z***** | 1,247                     | 1,536  | 1,874  | 2,697  | 3,717  | 4,934  |
| AS*R2450Z***** | 1,856                     | 2,224  | 2,644  | 3,568  | 4,813  | 6,226  |
| AS*R2460Z***** | 1,987                     | 2,496  | 3,252  | 4,962  | 6,935  | 9,173  |
| AS*R2480Z***** | 3,260                     | 4,290  | 5,406  | 7,897  | 10,733 | 13,915 |
| AS*S2480Z***** | 5,194                     | 5,894  | 6,951  | 8,399  | 10,333 | 12,548 |
| AS*R2510Z***** | 4,995                     | 6,011  | 7,021  | 9,037  | 11,134 | 13,662 |
| AS*S2510Z***** | 6,090                     | 6,903  | 7,797  | 10,023 | 12,063 | 14,637 |
| AS*S2512Z***** | 6,687                     | 7,579  | 8,804  | 10,996 | 13,154 | 15,902 |
| AS*S2514Z***** | 8,046                     | 9,075  | 10,668 | 13,269 | 15,525 | 18,715 |
| AS*S2520Z***** | 11,629                    | 13,277 | 15,032 | 18,862 | 23,119 | 27,802 |
| AS*S2524Z***** | 13,296                    | 15,100 | 17,110 | 21,750 | 27,218 | 33,513 |
| AS*S2527Z***** | 16,696                    | 18,833 | 21,148 | 26,399 | 32,411 | 39,473 |
| AS*S2531Z***** | 19,422                    | 21,875 | 24,535 | 30,582 | 37,516 | 45,682 |
| AS*S2542Z***** | 25,227                    | 28,546 | 32,142 | 40,300 | 49,976 | 61,027 |

#### 100°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |        |        |        |
|----------------|---------------------------|--------|--------|--------|--------|--------|
|                | -30°F                     | -25°F  | -20°F  | -10°F  | 0°F    | 10°F   |
| AS*R2430Z***** | 837                       | 1,201  | 1,581  | 2,388  | 3,257  | 4,190  |
| AS*R2440Z***** | 1,124                     | 1,392  | 1,710  | 2,494  | 3,474  | 4,652  |
| AS*R2450Z***** | 1,747                     | 2,092  | 2,482  | 3,405  | 4,548  | 5,886  |
| AS*R2460Z***** | 1,776                     | 2,147  | 2,881  | 4,545  | 6,474  | 8,666  |
| AS*R2480Z***** | 2,908                     | 3,890  | 4,958  | 7,353  | 10,093 | 13,179 |
| AS*S2480Z***** | 5,034                     | 5,702  | 6,433  | 8,084  | 9,987  | 12,141 |
| AS*R2510Z***** | —                         | —      | 6,039  | 7,948  | 9,998  | 12,456 |
| AS*S2510Z***** | 5,861                     | 6,638  | 7,488  | 9,407  | 11,617 | 14,119 |
| AS*S2512Z***** | 6,459                     | 7,306  | 8,226  | 10,289 | 12,648 | 15,305 |
| AS*S2514Z***** | 7,754                     | 8,722  | 9,777  | 12,148 | 14,868 | 17,936 |
| AS*S2520Z***** | 11,228                    | 12,813 | 14,505 | 18,209 | 22,340 | 26,897 |
| AS*S2524Z***** | 12,870                    | 14,594 | 16,525 | 21,007 | 26,317 | 32,454 |
| AS*S2527Z***** | 16,324                    | 18,346 | 20,543 | 25,553 | 31,533 | 38,390 |
| AS*S2531Z***** | 18,968                    | 21,287 | 23,811 | 29,580 | 36,223 | 44,094 |
| AS*S2542Z***** | 24,650                    | 27,790 | 31,394 | 39,250 | 48,274 | 59,345 |

#### 110°F AMBIENT

| MODEL NUMBER   | SUCTION TEMPERATURE (SST) |        |        |        |        |        |
|----------------|---------------------------|--------|--------|--------|--------|--------|
|                | -30°F                     | -25°F  | -20°F  | -10°F  | 0°F    | 10°F   |
| AS*R2430Z***** | 532                       | 892    | 1,267  | 2,064  | 2,924  | 3,847  |
| AS*R2440Z***** | 876                       | 1,116  | 1,438  | 2,172  | 3,109  | 4,250  |
| AS*R2450Z***** | 1,538                     | 1,812  | 2,158  | 2,991  | 3,991  | 5,231  |
| AS*R2460Z***** | 1,573                     | 1,813  | 2,459  | 3,712  | 4,662  | 7,651  |
| AS*R2480Z***** | —                         | —      | —      | 6,264  | 8,812  | 11,706 |
| AS*S2480Z***** | 4,711                     | 5,319  | 5,988  | 7,517  | 9,297  | 11,328 |
| AS*R2510Z***** | —                         | —      | —      | —      | 8,029  | 10,052 |
| AS*S2510Z***** | 5,402                     | 6,106  | 6,884  | 8,658  | 10,724 | 13,081 |
| AS*S2512Z***** | 6,005                     | 6,758  | 7,586  | 9,463  | 11,638 | 14,108 |
| AS*S2514Z***** | 7,169                     | 8,017  | 8,950  | 11,079 | 13,555 | 16,380 |
| AS*S2520Z***** | 10,426                    | 11,885 | 13,451 | 16,903 | 20,781 | 25,086 |
| AS*S2524Z***** | 12,017                    | 13,583 | 15,356 | 19,521 | 24,514 | 30,335 |
| AS*S2527Z***** | 15,464                    | 17,269 | 19,245 | 23,802 | 29,313 | 35,686 |
| AS*S2531Z***** | 17,922                    | 19,992 | 22,262 | 27,508 | 33,870 | 41,241 |
| AS*S2542Z***** | 23,313                    | 26,293 | 29,396 | 36,542 | 45,172 | 55,144 |

\*Return gas 40°F evaporator, Sub Cooling 5°F.

Performance data subject to change without notice.

NOTE: When comparing capacity ratings from Tecumseh ARGUS to another manufacturer that is using a return gas temperature of 65°F, simply multiply the Tecumseh ARGUS capacity rating by 1.1 to ensure you are selecting and comparing equipment properly.

## PHYSICAL DATA – TUBE FIN

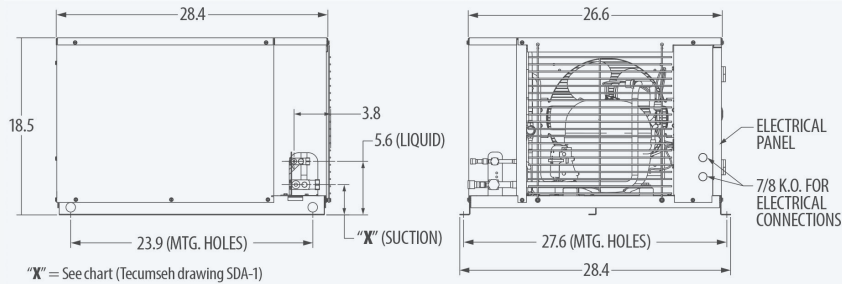
| MODEL #        | COMPRESSOR   |            | CONNECTIONS (IN) |         | PUMP DOWN CAPACITY* (LBS) / 90% @ 90°F AMBIENT |           |               |           | NET WEIGHT (LBS) | CHASSIS SIZE |
|----------------|--------------|------------|------------------|---------|------------------------------------------------|-----------|---------------|-----------|------------------|--------------|
|                | MODEL #      | HP (R404A) | LIQUID           | SUCTION | R-404A                                         |           | R-448A/R-449A |           |                  |              |
|                |              |            |                  |         | STD                                            | OVERSIZED | STD           | OVERSIZED |                  |              |
| AS*R2430Z***** | AK2430Z-NA3C | 3/4        | 3/8" S           | 5/8" S  | 9.48                                           | 16.64     | 9.99          | 17.54     | 159              | Small        |
| AS*R2440Z***** | AK2436Z-NA3C | 1          | 3/8" S           | 5/8" S  | 9.48                                           | 16.64     | 9.99          | 17.54     | 159              | Small        |
| AS*R2450Z***** | AK2448Z-NA3C | 1¼         | 3/8" S           | 5/8" S  | 9.84                                           | 16.64     | 9.99          | 17.54     | 159              | Small        |
| AS*R2460Z***** | AWA2450***   | 1½         | 3/8" S           | 5/8" S  | 9.84                                           | 16.64     | 9.99          | 17.54     | 196              | Small        |
| AS*R2480Z***** | AWA2480***   | 2          | 1/2" S           | 5/8" S  | 22.12                                          | 26.85     | 23.32         | 28.30     | 238              | Medium       |
| AS*S2480Z***** | VS2480Z***** | 2          | 1/2" S           | 7/8" S  | 22.12                                          | 26.85     | 23.32         | 28.30     | 234              | Medium       |
| AS*R2510Z***** | AWA2510**    | 2 ½        | 1/2" S           | 5/8" S  | 22.12                                          | 26.85     | 23.32         | 28.30     | 238              | Medium       |
| AS*S2510Z***** | VS2510Z-**** | 2½         | 1/2" S           | 7/8" S  | 22.12                                          | 26.85     | 23.32         | 28.30     | 234              | Medium       |
| AS*S2512Z***** | VS2511Z****  | 3          | 1/2" S           | 7/8" S  | 22.12                                          | 26.85     | 23.32         | 28.30     | 234              | Medium       |
| AS*S2514Z***** | VS2513Z****  | 3 ½        | 1/2" S           | 7/8" S  | 22.12                                          | 26.85     | 23.32         | 28.30     | 239              | Medium       |
| AS*S2520Z***** | VS2519Z****  | 5          | 1/2" S           | 1⅝" S   | 40.65                                          | —         | 42.85         | —         | 347              | Large        |
| AS*S2524Z***** | VS2522Z***** | 6          | 1/2" S           | 1⅝" S   | 40.65                                          | —         | 42.85         | —         | 347              | Large        |
| AS*S2527Z***** | VS2523Z***** | 7          | 1/2" S           | 1⅝"     | 40.60                                          | —         | 42.70         | —         | 347              | Large        |
| AS*S2531Z***** | VS2528Z***** | 8          | 1/2" S           | 1⅝"     | 40.60                                          | —         | 42.70         | —         | 347              | Large        |
| AS*S2542Z***** | VS2535Z****  | 10         | 7/8" S           | 1⅝"     | 64.20                                          | —         | 67.50         | —         | 480              | X-Large      |
| AS*R9440Z***** | AE4450Z****  | 1/2        | 3/8" S           | 3/8" S  | 8.20                                           | 15.36     | 8.65          | 16.19     | 150              | Small        |
| AS*R9460Z***** | AK4510Z****  | 3/4        | 3/8" S           | 5/8" S  | 9.48                                           | 16.64     | 9.99          | 17.54     | 159              | Small        |
| AS*R9480Z***** | AK4513Z****  | 1          | 3/8" S           | 5/8" S  | 9.48                                           | 16.64     | 9.99          | 17.54     | 159              | Small        |
| AS*R9510Z***** | AW9480***    | 1¼         | 3/8" S           | 5/8" S  | 22.12                                          | 26.85     | 23.32         | 28.30     | 234              | Medium       |
| AS*R9512Z***** | AWA9512***   | 1½         | 3/8" S           | 5/8" S  | 22.12                                          | 26.85     | 23.32         | 28.30     | 234              | Medium       |
| AS*S9516Z***** | VSC9515***   | 2          | 1/2" S           | 7/8" S  | 22.12                                          | 26.85     | 23.32         | 28.30     | 234              | Medium       |
| AS*S9520Z***** | VSC9519***   | 2½         | 1/2" S           | 7/8" S  | 22.12                                          | 26.85     | 23.32         | 28.30     | 234              | Medium       |
| AS*S9522Z***** | VSC9521***   | 2⅝         | 1/2" S           | 7/8" S  | 22.12                                          | 26.85     | 23.32         | 28.30     | 234              | Medium       |
| AS*S9524Z***** | VSC9526***   | 3          | 1/2" S           | 7/8" S  | 36.26                                          | —         | 38.22         | —         | 347              | Large        |
| AS*S9532Z***** | VSC9530***   | 4          | 1/2" S           | 1⅝" S   | 36.26                                          | —         | 38.22         | —         | 347              | Large        |
| AS*S9540Z***** | VSC9538***   | 5          | 1/2" S           | 1⅝" S   | 40.65                                          | —         | 42.85         | —         | 347              | Large        |
| AS*S9548Z***** | VSC9545***   | 6          | 1/2" S           | 1⅝" S   | 40.65                                          | —         | 42.85         | —         | 347              | Large        |
| AS*S9563Z***** | VS7554Z***** | 8          | 7/8" S           | 1⅝"     | 64.20                                          | —         | 67.50         | —         | 480              | X-Large      |
| AS*S9575Z***** | VS7566Z***** | 9          | 7/8" S           | 1⅝"     | 64.20                                          | —         | 67.50         | —         | 480              | X-Large      |
| AS*S9583Z***** | VS7574Z***** | 10         | 7/8" S           | 1⅝"     | 64.20                                          | —         | 67.50         | —         | 480              | X-Large      |
| AS*S9593Z***** | VS7586Z***** | 12         | 7/8" S           | 1⅝"     | 64.20                                          | —         | 67.50         | —         | 480              | X-Large      |

\* = Receiver + Coil Capacity

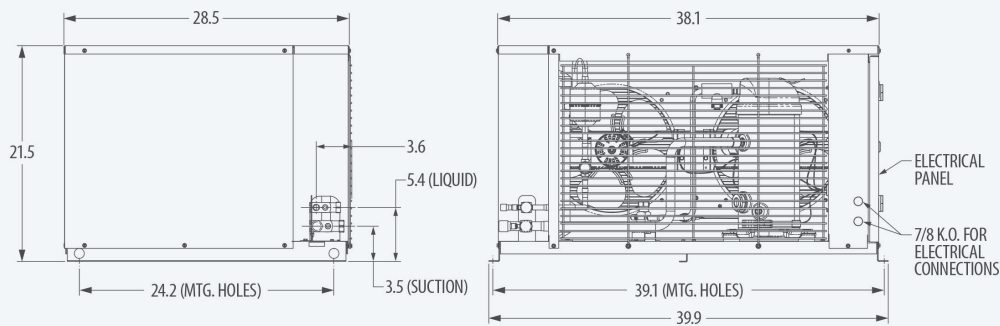


## CHASSIS SIZES

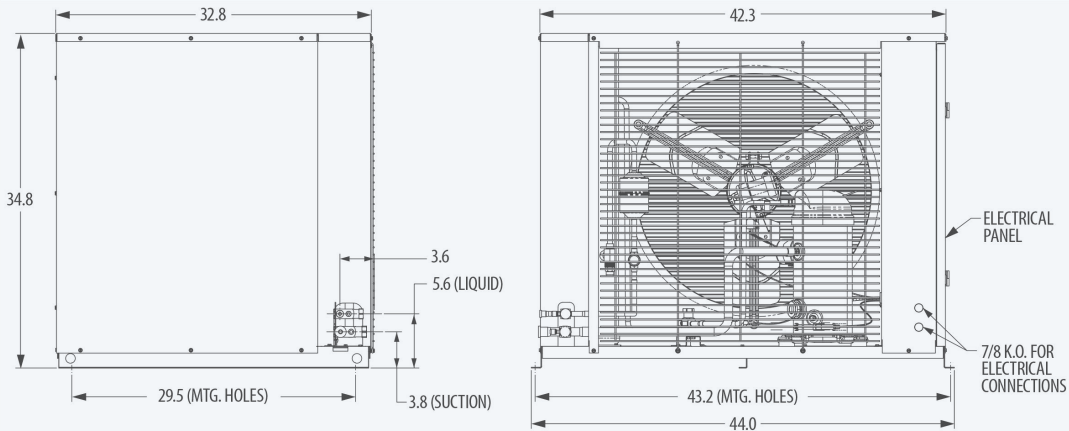
### SMALL



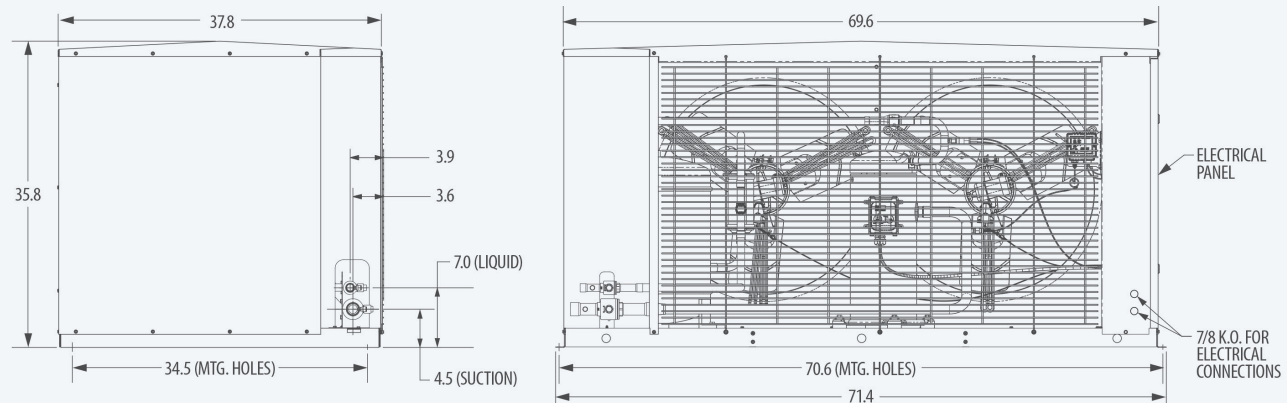
### MEDIUM



### LARGE



### X-LARGE



## ELECTRICAL DATA

| MODEL<br>NUMBER | POWER<br>SUPPLY | ELECTRICAL DATA |        |                 |      |      |                |      |      |
|-----------------|-----------------|-----------------|--------|-----------------|------|------|----------------|------|------|
|                 |                 | COMPRESSOR      |        | FAN MOTOR (PSC) |      |      | FAN MOTOR (EC) |      |      |
|                 | VOLTS/HZ/PH     | RLA             | LRA    | QTY             | HP   | FLA  | QTY            | HP   | FLA  |
| AS*R2430ZNA***  | 208-230V/60Hz/1 | 3.70            | 22.00  | 1               | 1/20 | 0.45 | 1              | 1/20 | 0.50 |
| AS*R2440ZNA***  | 208-230V/60Hz/1 | 4.20            | 29.70  | 1               | 1/20 | 0.45 | 1              | 1/20 | 0.50 |
| AS*R2450ZNA***  | 208-230V/60Hz/1 | 5.90            | 32.40  | 1               | 1/20 | 0.45 | 1              | 1/20 | 0.50 |
| AS*R2460ZNA***  | 208-230V/60Hz/1 | 9.40            | 56.00  | 1               | 1/20 | 0.45 | 1              | 1/20 | 0.50 |
| AS*R2480ZNA***  | 208-230V/60Hz/1 | 12.60           | 73.10  | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*S2480ZNA***  | 208-230V/60Hz/1 | 12.80           | 45.50  | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*S2480ZFA***  | 208-230V/60Hz/3 | 8.40            | 99.00  | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*R2510ZNA***  | 208-230V/60Hz/1 | 14.10           | 92.00  | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*S2510ZNA***  | 208-230V/60Hz/1 | 15.40           | 76.00  | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*S2510ZFA***  | 208-230V/60Hz/3 | 9.40            | 99.00  | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*S2512ZNA***  | 208-230V/60Hz/1 | 15.40           | 76.00  | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*S2512ZFA***  | 208-230V/60Hz/3 | 10.00           | 99.00  | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*S2514ZNA***  | 208-230V/60Hz/1 | 18.40           | 76.00  | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*S2514ZFA***  | 208-230V/60Hz/3 | 13.00           | 136.00 | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*S2520ZNA***  | 208-230V/60Hz/1 | 25.50           | 140.00 | 1               | 1/3  | 2.20 | 1              | 1/20 | 0.50 |
| AS*S2520ZFA***  | 208-230V/60Hz/3 | 15.70           | 136.00 | 1               | 1/3  | 2.20 | 1              | 1/20 | 0.50 |
| AS*S2524ZNA***  | 208-230V/60Hz/1 | 13.23           | 167.00 | 1               | 1/3  | 2.20 | 1              | 1/20 | 0.90 |
| AS*S2524ZFA***  | 208-230V/60Hz/3 | 19.20           | 167.00 | 1               | 1/3  | 2.20 | 1              | 1/20 | 0.90 |
| AS*S2527ZFA**   | 208-230V/60Hz/3 | 18.70           | 241.00 | 1               | 1/3  | 2.20 | N/A            |      |      |
| AS*S2531ZFA***  | 208-230V/60Hz/3 | 20.10           | 241.00 | 1               | 1/3  | 2.20 | N/A            |      |      |
| AS*S2542ZFA***  | 208-230V/60Hz/3 | 25.80           | 290.00 | 2               | 1/3  | 2.20 | N/A            |      |      |
| AS*R9440ZAA***  | 115V/60Hz/1     | 6.20            | 34.50  | 1               | 1/20 | 0.85 | 1              | 1/20 | 0.90 |
| AS*R9440ZNA***  | 208-230V/60Hz/1 | 3.20            | 22.00  | 1               | 1/20 | 0.45 | 1              | 1/20 | 0.50 |
| AS*R9460ZNA***  | 208-230V/60Hz/1 | 5.80            | 29.90  | 1               | 1/20 | 0.45 | 1              | 1/20 | 0.50 |
| AS*R9480ZNA***  | 208-230V/60Hz/1 | 7.10            | 31.30  | 1               | 1/20 | 0.45 | 1              | 1/20 | 0.50 |
| AS*R9510ZNA***  | 208-230V/60Hz/1 | 10.30           | 52.00  | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*R9510ZFA***  | 208-230V/60Hz/3 | 6.40            | 51.00  | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*R9512ZNA***  | 208-230V/60Hz/1 | 12.40           | 60.00  | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*R9512ZFA***  | 208-230V/60Hz/3 | 7.75            | 50.00  | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*S9516ZNA***  | 208-230V/60Hz/1 | 12.20           | 69.00  | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*S9516ZFA***  | 208-230V/60Hz/3 | 9.30            | 60.00  | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*S9520ZNA***  | 208-230V/60Hz/1 | 16.00           | 97.00  | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*S9520ZFA***  | 208-230V/60Hz/3 | 11.20           | 95.00  | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*S9522ZNA***  | 208-230V/60Hz/1 | 16.70           | 97.00  | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*S9522ZFA***  | 208-230V/60Hz/3 | 11.20           | 95.00  | 2               | 1/20 | 0.45 | 2              | 1/20 | 0.50 |
| AS*S9524ZNA***  | 208-230V/60Hz/1 | 21.00           | 115.00 | 1               | 1/3  | 2.20 | N/A            |      |      |
| AS*S9524ZFA***  | 208-230V/60Hz/3 | 14.10           | 95.00  | 1               | 1/3  | 2.20 | N/A            |      |      |
| AS*S9532ZNA***  | 208-230V/60Hz/1 | 24.40           | 150.00 | 1               | 1/3  | 2.20 | N/A            |      |      |
| AS*S9532ZFA***  | 208-230V/60Hz/3 | 16.70           | 120.00 | 1               | 1/3  | 2.20 | N/A            |      |      |
| AS*S9540ZNA***  | 208-230V/60Hz/1 | 28.90           | 160.00 | 1               | 1/3  | 2.20 | N/A            |      |      |
| AS*S9540ZFA***  | 208-230V/60Hz/3 | 16.70           | 123.00 | 1               | 1/3  | 2.20 | N/A            |      |      |
| AS*S9548ZFA***  | 208-230V/60Hz/3 | 19.20           | 170.00 | 1               | 1/3  | 2.20 | N/A            |      |      |
| AS*S9563ZFA***  | 208-230V/60Hz/3 | 25.30           | 241.00 | 2               | 1/3  | 2.20 | N/A            |      |      |
| AS*S9575ZFA***  | 208-230V/60Hz/3 | 28.40           | 241.00 | 2               | 1/3  | 2.20 | N/A            |      |      |
| AS*S9583ZFA***  | 208-230V/60Hz/3 | 32.50           | 290.00 | 2               | 1/3  | 2.20 | N/A            |      |      |
| AS*S9593ZFA***  | 208-230V/60Hz/3 | 36.40           | 290.00 | 2               | 1/3  | 2.20 | N/A            |      |      |

PSC – Permanent Split Capacitor and EC – Electronically Commutated

## REPLACEMENT PART KITS

| KIT NUMBER    | COMPONENT DESCRIPTION                                                                        | CHASSIS SIZE |        |       |         |
|---------------|----------------------------------------------------------------------------------------------|--------------|--------|-------|---------|
|               |                                                                                              | SMALL        | MEDIUM | LARGE | X-LARGE |
| <b>CDK-01</b> | CONDENSER – TUBE AND FIN, 16" X 19", 3/8", 2R 12FPI, CU TUBE, AL FIN, 1.14 LITER             | X            |        |       |         |
| <b>CDK-02</b> | CONDENSER – TUBE AND FIN, 16" X 19", 3/8", 3R 12FPI, CU TUBE, AL FIN, 1.82 LITER             | X            |        |       |         |
| <b>CDK-03</b> | CONDENSER – TUBE AND FIN, 18" X 33", 3/8", 3R 12FPI, CU TUBE, AL FIN, 3.51 LITER             |              | X      |       |         |
| <b>CDK-04</b> | CONDENSER – TUBE AND FIN, 32" X 36", 3/8", 2R 12FPI, CU TUBE, AL FIN, 4.41 LITER             |              |        | X     |         |
| <b>CDK-05</b> | CONDENSER – TUBE AND FIN, 32" X 36", 3/8", 3R 12FPI, CU TUBE, AL FIN 6.6 LITER               |              |        | X     |         |
| <b>CDK-06</b> | CONDENSER – MICRO CHANNEL 16" X 17.5", 32MM, 19FPI, AL, 1.1 LITER, P-COATED                  | X            |        |       |         |
| <b>CDK-07</b> | CONDENSER – MICRO CHANNEL 18.75" X 31.5", 32MM, 19FPI, AL, 1.63 LITER, P-COATED              |              | X      |       |         |
| <b>CDK-08</b> | CONDENSER – MICRO CHANNEL 34.5" X 31.88", 32MM, 19FPI, AL, 3.47 LITER, P-COATED              |              |        | X     |         |
| <b>CDK-09</b> | CONDENSER – TUBE AND FIN, 59" X 32", 3/8", 3R 12 FPI, CU TUBE, AL FIN, 10.04 LITER           |              |        |       | X       |
| <b>CTK-01</b> | CONTACTOR – 30 AMP, 3PH (230V COIL)                                                          | X            | X      | X     |         |
| <b>CTK-02</b> | CONTACTOR – 30 AMP, 3PH (120V COIL)                                                          | X            |        |       |         |
| <b>CTK-04</b> | CONTACTOR – 40 AMP, 3PH (230 V COIL)                                                         |              |        |       | X       |
| <b>CTK-05</b> | CONTACTOR – 50 AMP, 3PH (230 V COIL)                                                         |              |        |       | X       |
| <b>DTK-01</b> | ELECTROMECHANICAL DEFROST TIMER – ADAPTIVE, 240V, 40 AMP                                     | X            | X      | X     |         |
| <b>DTK-02</b> | ELECTROMECHANICAL DEFROST TIMER – NON ADAPTIVE, 120V, 40 AMP                                 | X            | X      | X     |         |
| <b>DTK-03</b> | ELECTROMECHANICAL DEFROST TIMER – NON ADAPTIVE, 240V, 40 AMP                                 | X            | X      | X     | X       |
| <b>FBK-01</b> | FAN BLADE – HUB 1/4", AL, 3 BLADES, CW, 24" DIAMETER, 30° PITCH                              |              |        | X     | X       |
| <b>FBK-02</b> | FAN BLADE – HUB 5/16", AL, 5 BLADES, CW, 12" DIAMETER, 23° PITCH                             | X            | X      |       |         |
| <b>FMK-01</b> | FAN MOTOR – PSC 230V 60/50HZ, 0.45 AMP, 35 WATTS, 1550 RPM                                   | X            | X      |       |         |
| <b>FMK-02</b> | FAN MOTOR – PSC 115V 60HZ, 0.85 AMP, 35 WATTS, 1550 RPM                                      | X            |        |       |         |
| <b>FMK-03</b> | FAN MOTOR – PSC 230V 60HZ, 2.2 AMP, 1/3 HP, 1075 RPM                                         |              |        | X     | X       |
| <b>LPK-01</b> | LOW PRESSURE SWITCH – FIXED, SPST, CUT-IN 5 PSIG, CUT-OUT 17 PSIG, 1/4" SAE FLARE, W/LEADS   | X            | X      | X     |         |
| <b>LPK-03</b> | LOW PRESSURE SWITCH – FIXED, SPST, CUT-IN 5 PSIG, CUT-OUT 17 PSIG, 1/4" SWEAT, W/LEADS       | X            | X      | X     |         |
| <b>LPK-04</b> | LOW PRESSURE CONTROL – ADJUSTABLE, CUT-IN 29 PSIG, CUT-OUT 14 PSIG, 1/4" SWEAT, W/LEADS      | X            | X      | X     | X       |
| <b>HPK-01</b> | HIGH PRESSURE SWITCH – FIXED, 1/4" SAE FLARE, SPST, CUT-IN 280 PSIG, CUT-OUT 450 PSIG        |              | X      | X     | X       |
| <b>HPK-02</b> | HIGH PRESSURE SWITCH – FIXED, 1/4" SWEAT, SPST, CUT-IN 280 PSIG, CUT-OUT 450 PSIG            | X            |        |       |         |
| <b>HMK-01</b> | HEAD PRESSURE CONTROL VALVE – 1/2" SWT CONN, 148 PSI, MED BODY                               |              | X      |       |         |
| <b>HMK-02</b> | HEAD PRESSURE CONTROL VALVE – 1/2" SWT CONN, 148 PSI, LARGE BODY                             |              |        | X     |         |
| <b>HMK-03</b> | HEAD PRESSURE CONTROL VALVE – 5/8" SWT CONN, 148 PSI, LARGE BODY                             |              |        | X     |         |
| <b>HMK-04</b> | HEAD PRESSURE CONTROL VALVE – 3/8" SWT CONN, 123 PSI, MED BODY                               | X            |        |       |         |
| <b>HMK-08</b> | HEAD PRESSURE CONTROL VALVE – 7/8" SWT CONN, 150PSI, LARGE BODY                              |              |        |       | X       |
| <b>HMK-09</b> | HEAD PRESSURE CONTROL VALVE – 7/8" SWT CONN, 123PSI, LARGE BODY                              |              |        |       | X       |
| <b>MMK-01</b> | FAN BRACKET – WIRE MOUNT, 3 POINT                                                            |              |        | X     | X       |
| <b>MMK-02</b> | FAN BRACKET – SHEETMETAL MOUNTING                                                            | X            | X      |       |         |
| <b>RTK-01</b> | RECEIVER TANK – 5" X 10", 3/8" SWT IN, 3/8" SWT OUT (VLV), 2.9 LITER                         | X            |        |       |         |
| <b>RTK-02</b> | RECEIVER TANK – 6" X 32", 1/2" SWT IN, 1/2" SWT OUT (VLV), 13.6 LITER                        |              |        | X     |         |
| <b>RTK-03</b> | RECEIVER TANK – 6" X 17.125", 1/2" SWT IN, 1/2" SWT OUT (VLV), 7.5 LITER                     |              | X      |       |         |
| <b>RTK-09</b> | RECEIVER TANK – 10.75" X 18", 7/8" SWT IN, 1 1/4" SWT OUT (VLV), 22 LITER                    |              |        |       | X       |
| <b>TSK-01</b> | DISCHARGE LINE THERMOSTAT – AUTO RESET, SCROLL DISCH LINE 3/8" SWT, OPEN 221°F – CLOSE 180°F | X            | X      | X     |         |
| <b>TSK-02</b> | DISCHARGE LINE THERMOSTAT – AUTO RESET, SCROLL DISCH LINE 1/2" SWT, OPEN 221°F – CLOSE 180°F | X            | X      | X     |         |
| <b>TSK-03</b> | DISCHARGE LINE THERMOSTAT – AUTO RESET, SCROLL DISCH LINE 5/8" SWT, OPEN 221°F – CLOSE 180°F | X            | X      | X     |         |

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**FIELD INSTALLED  
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# Tecumseh

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