

**TECUMSEH**

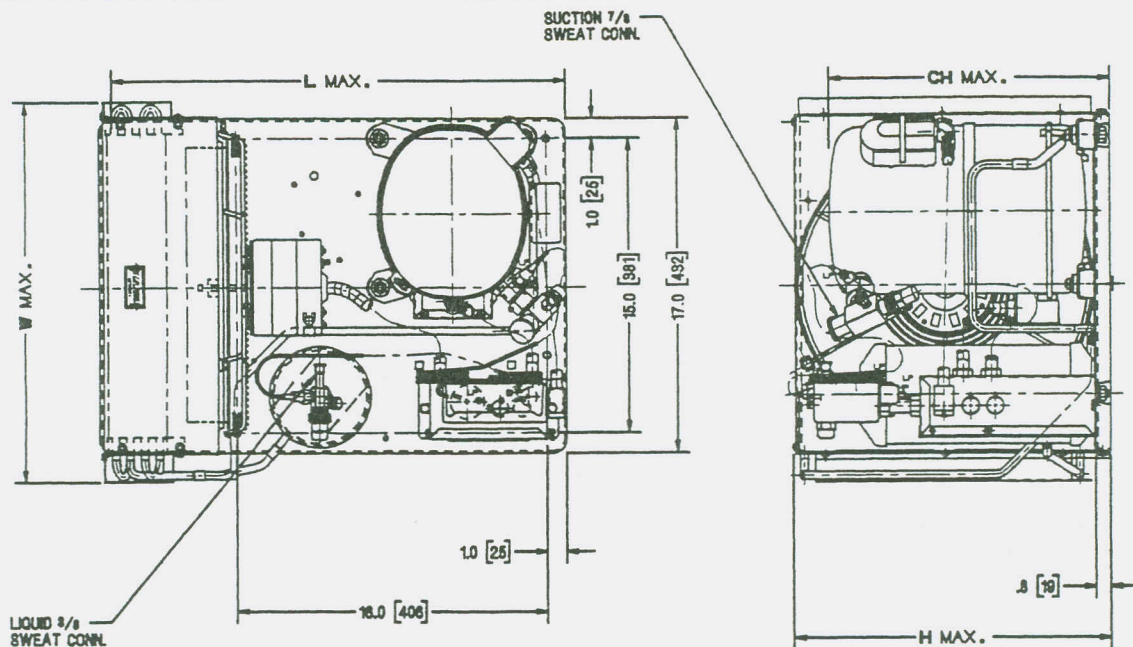
# TECUMSEH HERMETIC CONDENSING UNITS

MODEL AWA2479ZDXC

R-404A

2 HP

AIR COOLED



NOTE: DIMENSIONING = INCHES [MILLIMETERS]

| Model                                                                                                                                                          | Dimensions |         |       |      | *Line Connection |       | Pumpdown<br>90 ° F<br>90% Full | Air<br>CFM | Oil<br>Chg<br>oz. | Gr.<br>Wt.<br>Lbs. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|-------|------|------------------|-------|--------------------------------|------------|-------------------|--------------------|
|                                                                                                                                                                | L          | W       | H     | CH   | Suct.            | Liq.  |                                |            |                   |                    |
| AWA2479ZDXC                                                                                                                                                    | 24.0       | 19.4    | 16.2  | 15.6 | 7/8S             | 3/8S  | 9.8#                           | 1530       | 38                | 119                |
| *F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections<br>Factory charge: 20 psig nitrogen - <b>MUST BE EVACUATED</b> 60 HZ PERFORMANCE |            |         |       |      |                  |       |                                |            |                   |                    |
| Approved<br>Evap. Range                                                                                                                                        |            | Ambient |       |      |                  |       |                                |            |                   |                    |
|                                                                                                                                                                |            | 90° F   |       |      | 100° F           |       |                                | 110° F     |                   |                    |
| °F                                                                                                                                                             | PSIG       | BTUH    | Watts | Head | BTUH             | Watts | Head                           | BTUH       | Watts             | Head               |
| -40                                                                                                                                                            | 4.3        | 2337    | 1072  | 224  | 2264             | 1122  | 260                            | 1739       | 1058              | 290                |
| -35                                                                                                                                                            | 6.8        | 3196    | 1207  | 230  | 2892             | 1226  | 264                            | 2269       | 1161              | 296                |
| -30                                                                                                                                                            | 9.6        | 4080    | 1346  | 236  | 3561             | 1339  | 270                            | 2838       | 1274              | 303                |
| -25                                                                                                                                                            | 12.6       | 4990    | 1489  | 243  | 4271             | 1463  | 276                            | 3446       | 1400              | 310                |
| -20                                                                                                                                                            | 16.0       | 5925    | 1636  | 251  | 5022             | 1596  | 283                            | 4093       | 1536              | 318                |
| -15                                                                                                                                                            | 19.6       | 6885    | 1786  | 259  | 5814             | 1740  | 292                            | 4779       | 1684              | 327                |
| -10                                                                                                                                                            | 23.6       | 7871    | 1940  | 269  | 6648             | 1893  | 301                            | 5504       | 1843              | 337                |
| -5                                                                                                                                                             | 27.9       | 8882    | 2098  | 279  | 7523             | 2057  | 312                            | 6268       | 2014              | 347                |
| 0                                                                                                                                                              | 32.6       | 9918    | 2260  | 291  | 8439             | 2230  | 324                            | 7071       | 2196              | 359                |
| +5                                                                                                                                                             | 37.7       | 10980   | 2425  | 303  | 9396             | 2414  | 336                            | 7912       | 2390              | 371                |
| +10                                                                                                                                                            | 43.2       | 12067   | 2595  | 316  | 10394            | 2607  | 350                            | 8793       | 2595              | 384                |

Return gas temp. 40 ° F, 5 ° F subcooling

SPECIFICATIONS AWA2479ZXDXC  
 Nominal Voltage ----- 230/208-60-1  
 R t B/M ----- 2C2114-1  
 Voltage Range ----- 253 to 187  
 Min. Circuit Ampacity -- 17.1  
 Max. Fuse Size (Amps) -- 25  
 Compressor Model ----- AWA2460ZXD  
 Bill of Material -- AW613ET-111  
 RLA/LRA ----- 12.6/86.0  
 Fan RLA ----- 1.30  
 Overload ----- INTERNAL  
 Relay ----- 820ARR3J50  
 Capacitor Cab. Assy ---- AE1397-032  
 Start Capacitor ----- 85PS330D17  
 MFD/Voltage ----- 145-175/330  
 Fan Motor ----- 810S050A99  
 Pressure Control ----- Dual 84087  
 Fan Blade ----- 51556  
 Shroud ----- 70727-1  
 Condenser ----- 50857  
 Fan Guard ----- 70831  
 Unit Drawing ----- SU1918  
 Schematic or Elect. Dwg. ---- DEAW-3

Run Cap. ----- 85PR370F21  
 MFD/Voltage- 45/370

Receiver Tank ----- 51081-1  
 Rec. Tank RL Valve --- 31581-1 (3/8"S)  
 Suction Rotolock ----- 31529-1 (7/8"S)  
 Outdoor Enclosure(Optional) TP-201D

