



# CHAMPION SERIES AIR-COOLED SPLIT SYSTEM AIR CONDITIONERS

**GUIDE SPECIFICATIONS**

Supersedes: 550.13-GS3Y (383)

550.13-GS3Y (185)

## MODELS K\*EU060 thru 180 AND K\*ES120 EVAPORATOR BLOWERS

### THE INSTALLER SHALL:

- Furnish YORK Champion evaporator blower units or equivalent in accordance with the performance schedule shown on the plans, and
- Install each unit as shown on the plans in accordance with:
  - The manufacturer's recommendations, and
  - All applicable national and local codes.

### EACH UNIT SHALL BE:

- UL approved.
- Covered by a 1-year limited parts warranty on the complete unit.
- In current production with published literature available to check performance, limitations, specifications, power requirements, dimensions, operation, and appearance.

### EACH UNIT ENCLOSURE SHALL HAVE:

- Exterior panels of 18-gauge steel that have been finished with baked enamel to provide a long-lasting, quality appearance.
- Removable panels to provide easy access to the internal components for maintenance and service.
- A filter rack with 1" throwaway filters.

The dimensions of each unit shall not exceed those specified on the plans.

### THE BLOWER MOTOR SHALL:

- Be 1750 RPM.
- Have inherent protection, permanently lubricated ball bearings, and a service factor of at least 1.15.
- Be factory-mounted within the insulated cabinet to minimize the transmission of sound to the surrounding space.

### THE V-BELT DRIVE SHALL:

- Be rated at least 25% above the required HP.
- Permit the blower RPM to be adjusted to meet the exact CFM requirement of the system.

### THE EVAPORATOR COIL SHALL:

- Consist of copper tubes arranged in staggered rows and mechanically expanded into aluminum fins.
- Be positioned for draw-thru operation.
- Include a factory-mounted distributor and expansion valve. (Dual circuits on Model KES 120).

The face velocity across the evaporator coil shall not exceed \_\_\_\_\_ feet per minute.

### EACH UNIT SHALL INCLUDE THE FOLLOWING ACCESSORIES:

- Supply air plenum.
- Return air grille.
- Electric heat (\_\_\_\_\_ KW at \_\_\_\_\_ volts).
- Hot water coil.
- Steam coil.
- Decorative base.



Heating and Air Conditioning

