



**Figure 1: Furnace Dimensions**

|                                   |                     |       |       |
|-----------------------------------|---------------------|-------|-------|
| Models                            | ALL                 | ALL   | ALL   |
| Input, kW                         | 5                   | 8     | 10    |
| With A-Coil Cabinet               | NO                  | NO    | NO    |
| Air Temperature Rise, Range - F   | 20-80               | 20-80 | 30-90 |
| Designed Max Outlet Air Temp-F    | 170                 | 170   | 180   |
| Blower-Heat or Heat/Cool          | 10 X 9 BLOWER       |       |       |
| Max. External SP (Duct), In. W.C. | 0.3                 |       |       |
| Thermostat Circuit                | 24 VAC, 60 Hz, 40VA |       |       |
| Electric Furnace Cabinet Height   | 33 inches           |       |       |

|                                   |                     |        |        |
|-----------------------------------|---------------------|--------|--------|
| Models                            | ALL                 | ALL    | ALL    |
| Input, kW                         | 12                  | 15     | 20     |
| With A-Coil Cabinet               | NO                  | NO     | NO     |
| Air Temperature Rise, Range - F   | 30-90               | 35-100 | 40-100 |
| Designed Max Outlet Air Temp-F    | 180                 | 185    | 185    |
| Blower-Heat or Heat/Cool          | 10 X 9 BLOWER       |        |        |
| Max. External SP (Duct), In. W.C. | 0.3                 |        |        |
| Thermostat Circuit                | 24 VAC, 60 Hz, 40VA |        |        |
| Electric Furnace Cabinet Height   | 33 inches           |        |        |

**Table 1: Electric Furnace Model Specifications**

**Available Blower Motors**

1. Standard Blower Motor - 5 SPD X-13 MOTOR
2. Optional Blower Motor – 3 SPD PSC MOTOR

| Type of Fuel         | Cabinet Height | Type of Blower Motor | Blower Motor Speed Taps and HP  | Furnace Configuration | Heating Input (kW) | Furnace Cabinet Height | Furnace Coil Cabinet | Revision Letter  |
|----------------------|----------------|----------------------|---|-----------------------|--------------------|------------------------|----------------------|--|
| E = Electric Furnace | 30 = 33"       | A = PSC<br>B = X-13  | 1 = 3 SPD 1/2 HP PSC<br>2 = 3 SPD 1/3 HP PSC<br>3 = 5 SPD 1/3 HP X-13<br>4 = 5 SPD 1/2 HP X-13<br>5 = 5 SPD 3/4 HP X-13<br>6 = 3 SPD 3/4 HP PSC |                       |                    |                        |                      | A = New release<br>A = Single Stage Heat<br>B = Two Stage Heat<br>A = Coil Cabinet Optional  |
| D = Downflow         |                |                      |   |                       |                    |                        |                      | 005 = 5 kW Heater<br>008 = 8 kW Heater<br>010 = 10 kW Heater<br>012 = 12 kW Heater<br>015 = 15 kW Heater<br>017 = 17 kW Heater<br>020 = 20 kW Heater |

**Table 2: Furnace Model Nomenclature**

| Coil Cabinet Model | Front Door of Cabinet | Open Top 17 3/4" x 21 3/4" | Maximum Air Flow CFM | 1" Pleated Air Filter, In The Door | 2" Pleated Air Filter, Top of Cabinet | Height  | Depth | Width   | Coil Sizes  |
|--------------------|-----------------------|----------------------------|----------------------|------------------------------------|---------------------------------------|---------|-------|---------|---|
| 97-FLSB-21         | Louvered              | N/A                        | 1200                 | 20x20                              |                                       | 23 1/4" | 25"   | 19 3/4" | All Mortex 96 series coils will fit in cabinet            |
| 97-FSOB-21         | Solid                 |                            | 1600                 |                                    | 20x24                                 | 23 1/4" | 25"   | 19 3/4" |   |
| 97-FLOB-21         | Louvered              |                            | 1800                 | 20x20                              | 20x24                                 | 23 1/4" | 25"   | 19 3/4" |   |
| 97-FLSB-27         | Louvered              | N/A                        | 1600                 | 20x30                              |                                       | 30 1/2" | 25"   | 19 3/4" | 96-97 series coils and 98 series coils sizes up to 98-8W7 |
| 97-FSOB-27         | Solid                 |                            | 1600                 |                                    | 20x24                                 | 30 1/2" | 25"   | 19 3/4" |   |
| 97-FLOB-27         | Louvered              |                            | 1800                 | 20x20                              | 20x24                                 | 30 1/2" | 25"   | 19 3/4" |   |
| 97-FLSB-39         | Louvered              | N/A                        | 1800                 | 2ea 20x20                          |                                       | 40 1/4" | 25"   | 19 3/4" | All Mortex series coils will fit in cabinet               |
| 97-FSOB-39         | Solid                 |                            | 2000                 |                                    | 20x24                                 | 40 1/4" | 25"   | 19 3/4" |   |
| 97-FG-18           | Louvered              | N/A                        | 1200                 | N/A                                | N/A                                   | 18"     | N/A   | 19 3/4" | Frame & Grills Non-Cabinet                                |
| 97-FG-24           | Louvered              | N/A                        | 1600                 | N/A                                | N/A                                   | 24"     | N/A   | 19 3/4" |   |

**Table 3: Optional Cooling Cabinets and Return Air Grille Frame Assemblies**