

INSTALLATION INSTRUCTIONS

vertical deflector blades horizontal steam/hot water unit heaters

model series HSB/HC/WTC/WSC

Model Sizes 18 & 24

1. Removal of horizontal deflector blades (Figure 1).
 - a. Push horizontal deflector blade against coil spring until it is compressed.
 - b. While coil spring is compressed, pop out deflector blade from opposite end.
2. Mounting flange installation (Figure 3).
Using the mounting flanges as templates, drill holes in top and bottom unit casing and fasten with sheet metal screws (by others) as shown in Figure 3.
3. Replacement of horizontal deflector blades (Figure 1).
 - a. Replace coil spring on horizontal deflector blade (the spring should be located so that it is on the left side when facing unit. The blade should curve downward with the rounded edges facing outward).
 - b. Insert left tab of horizontal deflector blade (with coil spring intact) into hole and compress coil spring.
 - c. Insert other tab into hole on opposite side of unit heater.
4. Vertical deflector blade installation (Figure 3).
 - a. Insert the support rod through the holes provided in the mounting flanges. Secure this support with the acorn push nuts provided.
 - b. Assemble the coil spring provided to the straight end of each deflector blade and insert the ends of the blades with the coil springs into holes in mounting flanges. Push the deflector blade until the beveled end slips into the hole of the opposite mounting flange.

Figure 1
Detaching Horizontal Blades

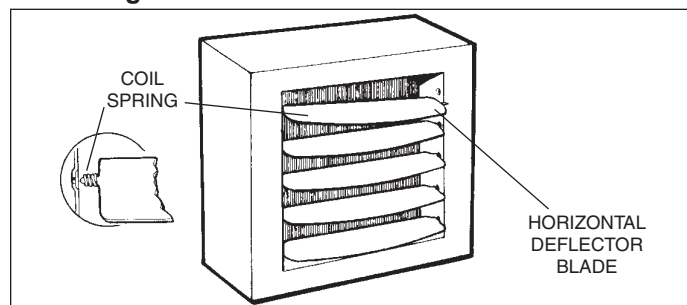
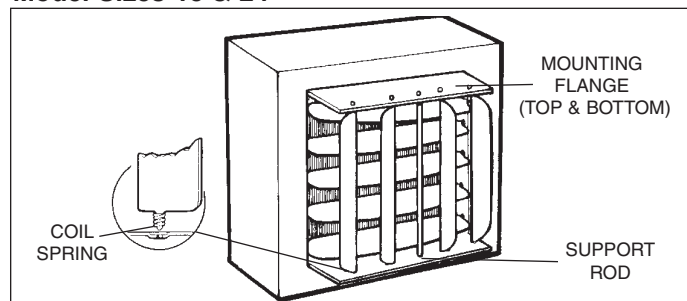


Figure 3
Horizontal and Vertical Blades Installed
Model Sizes 18 & 24



Model Sizes 33 thru 193

1. Removal of horizontal deflector blades (Figure 1).
 - a. Push horizontal deflector blade against coil spring until it is compressed.
 - b. While coil spring is compressed, pop out deflector blade from opposite end.
2. Vertical deflector blade installation (Figure 2).
 - a. Place coil spring on bottom end of the vertical deflector blade.
 - b. Insert bottom tab of vertical deflector blade (with coil spring intact) into the embossed hole provided on the bottom unit baffle.
 - c. Push deflector blade against coil spring until it is compressed.
 - d. Insert top tab of vertical deflector into hole provided in upper unit baffle (if correctly inserted the deflector blade will be straight up and down and can be turned from side to side).
3. Replacement of horizontal deflector blades (Figure 4).
 - a. Replace coil spring on horizontal deflector blade (the spring should be located so that it is on the left side when facing unit. The blade should curve downward with the rounded edges facing outward).
 - b. Insert left tab of horizontal deflector blade (with coil spring intact) into hole and compress coil spring.
 - c. Insert other tab into hole on opposite side of unit heater.

Figure 2
Vertical Blades Installed

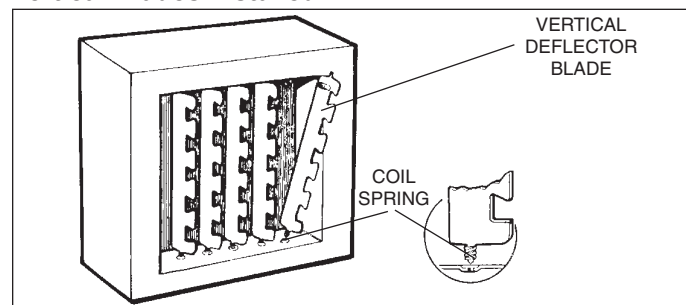


Figure 4
Horizontal and Vertical Blades Installed
Model Sizes 33 thru 193

