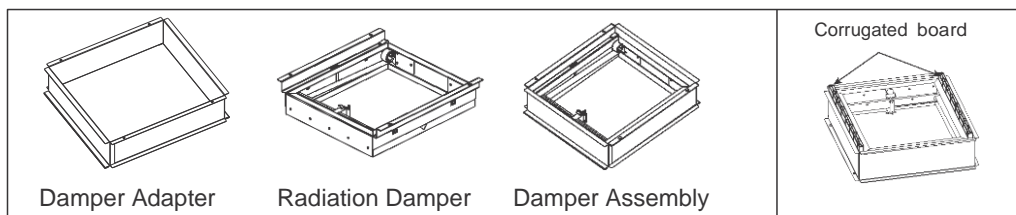


PCLPRD & PCRD - Radiation Damper

For Use With: PCLP80, PCLP100, PCLP80XP & PCLP100XP fans

COMPONENTS

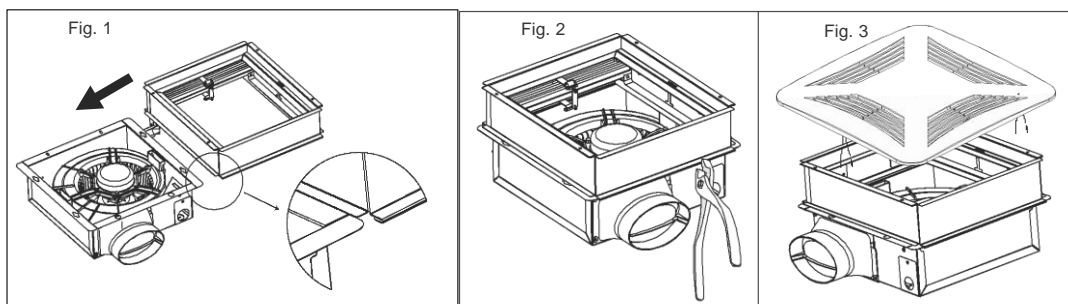


Note 1: Please wear gloves during installation.

Note 2: Please remove the corrugated board before installation.

ASSEMBLY INSTRUCTIONS – WITHOUT A LIGHTED GRILLE

1. Slide the adapter's hemmed edges onto the fan housing flanges (Fig.1). Crimp channel on both sides of damper adapter to lock the fire damper in place (Fig.2).
2. Hang the fan/damper assembly from structure above as shown in figure 8. Make sure bottom edge of damper is flush with the finished ceiling surface.
3. Pinch the grille springs on the sides of the grille assembly and position the grille into the housing with the grille springs in the appropriate slots of the damper assembly (Fig.3). Push the grille assembly towards the ceiling to secure. (Ceiling installation not shown).



ASSEMBLY INSTRUCTIONS – WITH A LIGHTED GRILLE

1. Install the PCLPLEDK wiring plug to the appropriate slot in the fan wiring plate.
2. Remove screws and take radiation damper out, slide the adapter's hemmed edges onto the fan housing flanges, crimp channel on both sides of damper adapter to lock the fire damper adapter in place (Fig. 4 thru 6). Then take the supplied lighted grille wiring extender and connect to the PCLPLEDK wiring plug at the fan.
3. Remove the wire cover clip located in the corner of radiation damper to allow a channel for the wiring extender to pass through the damper (Fig 7). Then re-install the radiation damper with the lighted grille wire extender passing through the appropriate corner slot of the radiation damper and re-secure the four screws on the damper and damper adapter flange.
4. Hang the fan/radiation damper assembly from the structure above with min. 12 ga wire (Fig. 8).
5. Connect the lighted grille to the wire extender plug then pinch the grille springs on the sides of the grille assembly and position the grille assembly in the appropriate slots of damper assembly. Push the grille assembly towards the ceiling to secure. (Fig. 9 shows finished installation).

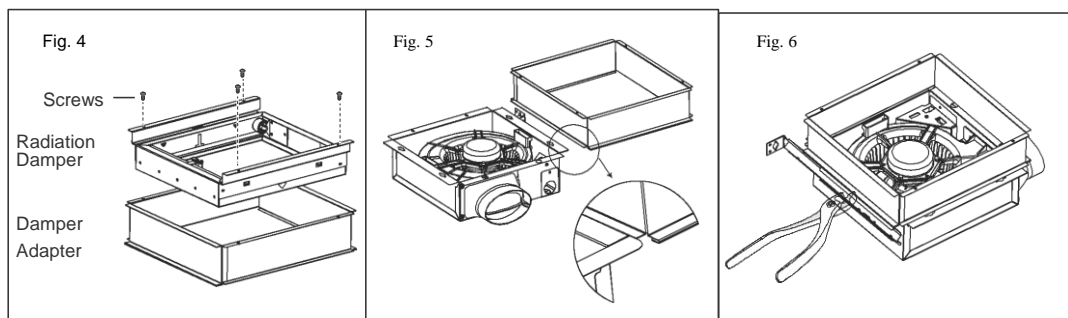
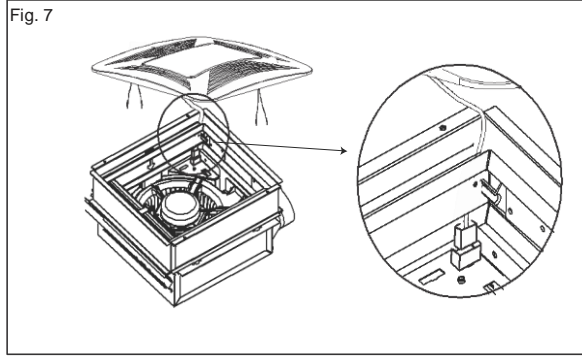


Fig. 7



NON-COMBUSTIBLE FLOOR/CEILING INSTALLATION

FINISHED CEILING MUST BE FLUSH WITH BOTTOM EDGE OF DAMPER. The fan must be hung from the structure above. Use a Min. 12 gauge steel wire (3mm) to suspend the fan. Mounting to adjacent ceiling joists is un-available without adding extra bracing and material to the joists (by others).

Fig. 8

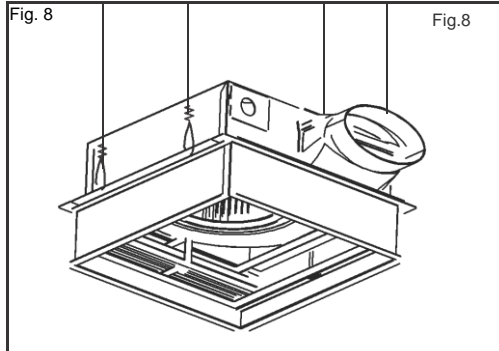


Fig.8

Fig. 9

