

Custom Cover Components Clinton Hill Co-Ops

For Illustrative Purposes Only – Not Drawn to Scale

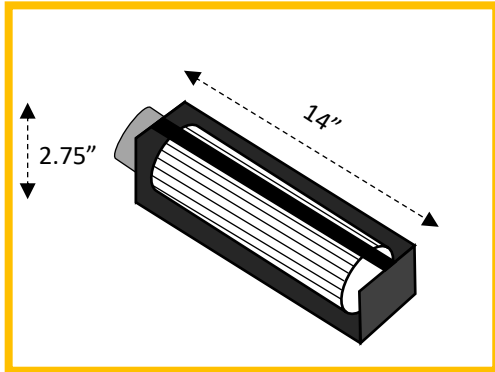


Figure 1: Crossflow Fan

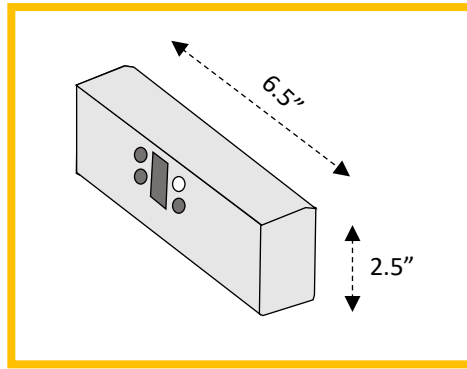


Figure 2: "Clamshell" Control Module

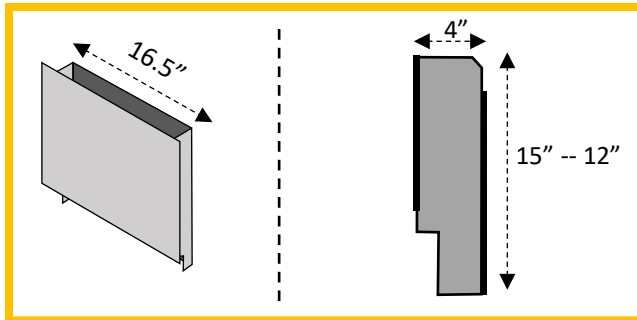


Figure 3: Duct – Isometric and Profile View

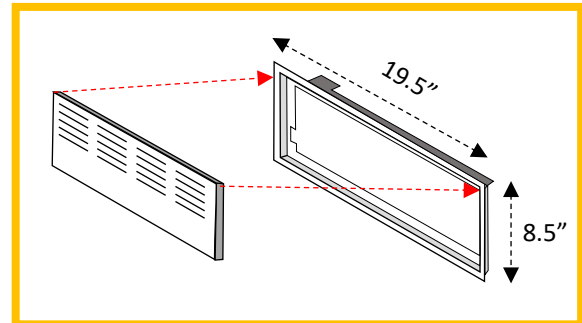


Figure 4: Front Grille and Front Grille Housing.
The front grille is the air intake for the fan.

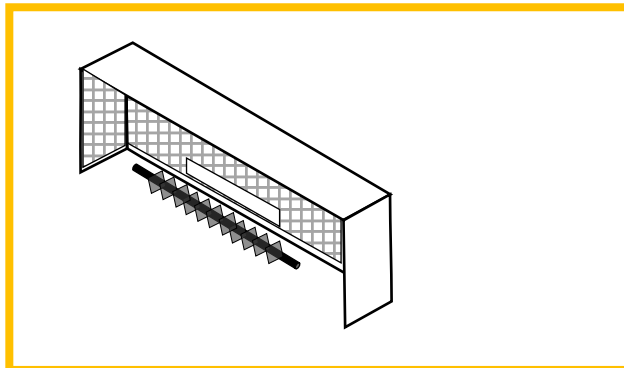


Figure 5: Generic Radiator Cover – Can be constructed out of wood or metal but must have a front opening for the front grille. All interior surfaces must be insulated with thermoacoustic insulation (R Rating: 2.2)

Custom Cover Generic Installation Process Clinton Hill Co-Ops

Note: Not intended for installation instruction

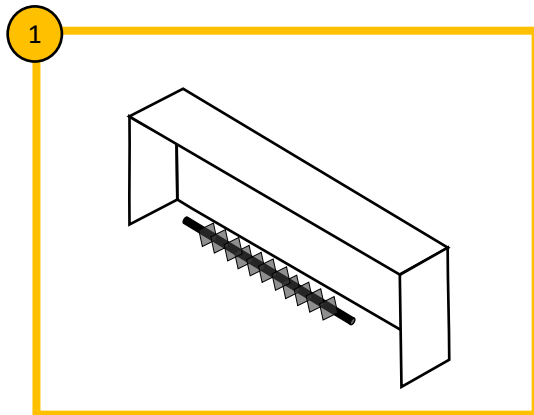


Figure 5: Generic Radiator Cover

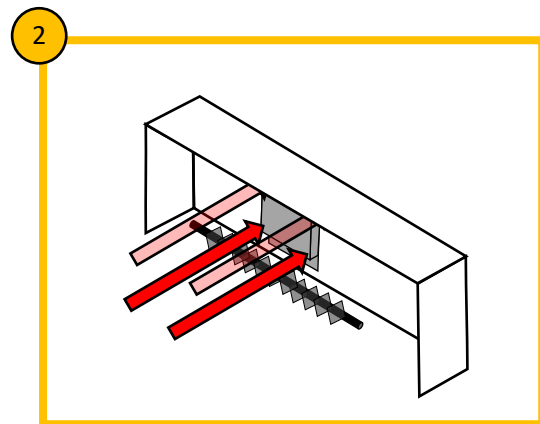
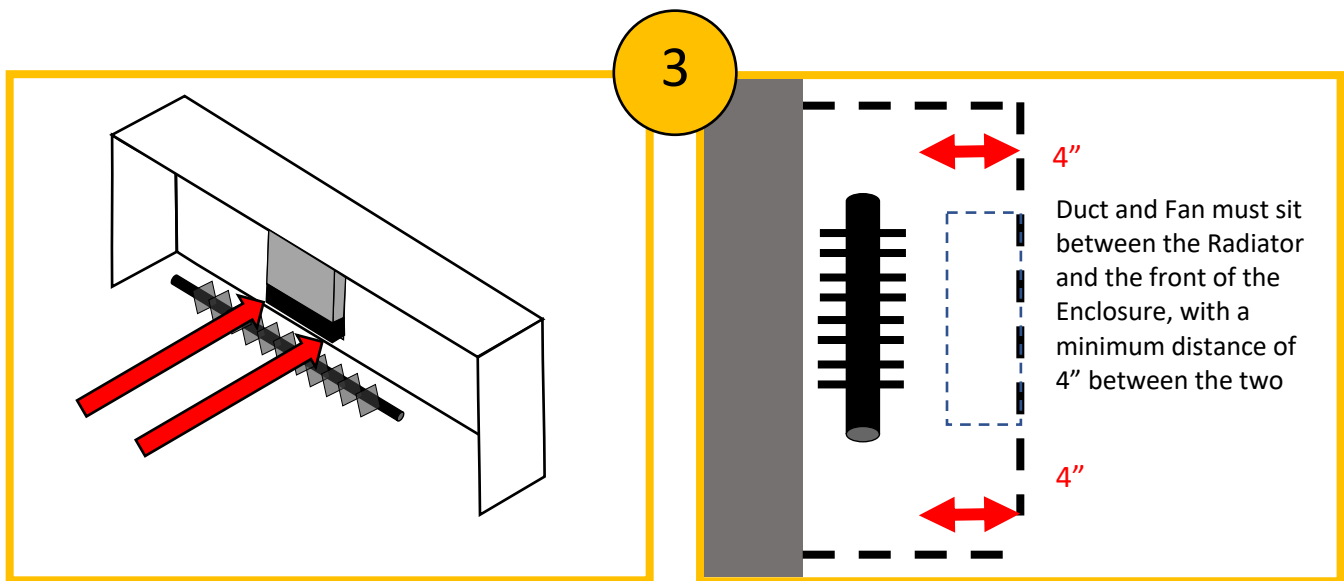


Figure 6: Affix the Duct to the rear of the Radiator Cover, and the front grille & front grille housing to the front.



Figures 7 & 8: The Fan must be at the bottom of the duct, and there must be a minimum of 4" between the fan and the radiator fins. The Front Grille must be directly in front of the fan on the frontside of the enclosure.

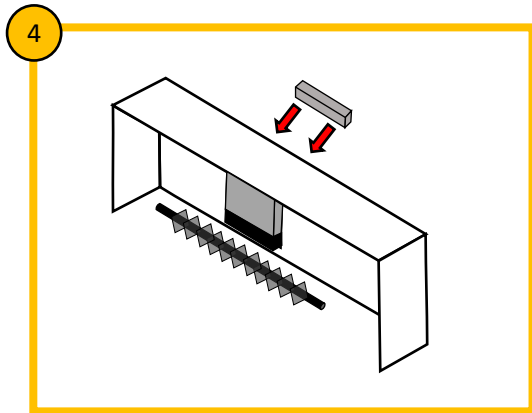


Figure 9: The Clamshell Control Module must be secured to the outside of the Radiator Cover with a clear line-of-sight into the room

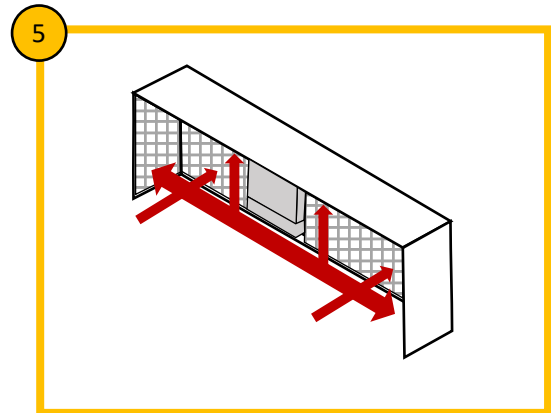


Figure 10: The enclosure must be insulated on all interior surfaces (top, front, sides) with no gaps. The insulation must have a R-rating of 2.2

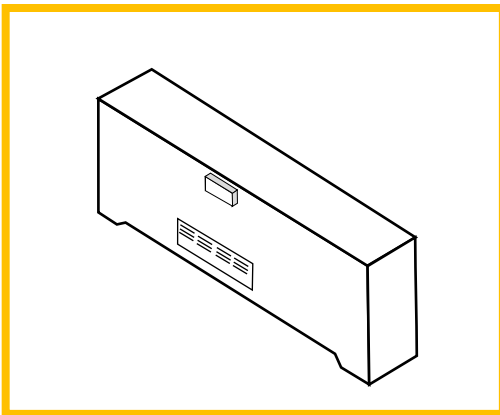


Figure 10: A front view of the enclosure with the front grille for air intake and clamshell control module affixed. Note the clamshell control module does not need to be in the center.

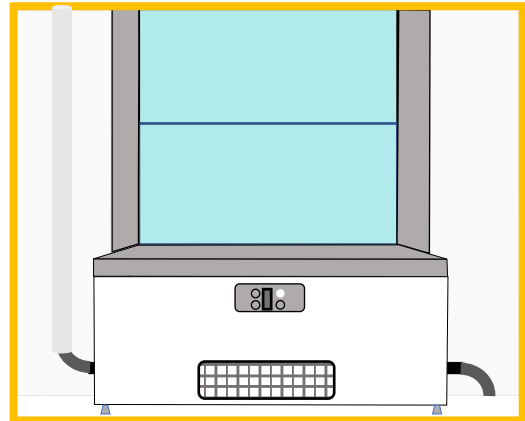


Figure 11: Successful retrofit. Note the grill at the bottom for the fan and the Clamshell Control Module at the top, as well as the insulated riser.