



GREASE DUCT ACCESS DOORS

Model KEDU Installation Manual

The estimated time required for installation is 15 minutes per door.

The only tools required for installation are:

1. Drill
2. 5/8" or 3/4" hole saw (or drill bit)
3. 5/16" drill bit for drill (Cobalt bits recommended)
4. Metal cutting saw and blades (or power shears)
5. (2)-1/2" or 3/4" long self-drilling, self-tapping screws (#10 recommended)
6. (1)-power driver bit for self-drilling screws (This allows front panel to act as a template and a guide. Keeps bit from wandering.)

The contents of this package are:

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| 1. Access door cover (Front Panel) | 3. 1/4" wing nuts for each stud |
| 2. Access door frame (Back Frame) | 4. "E"-clips for each stud |

1. Select best location on the exhaust duct you need to access. (Doors must be installed on the side of the duct).
2. For grease ducts with reduced clearance wraps, the outer insulation must be trimmed back to expose a seamless wall of the duct slightly larger than the access door itself.
3. Remove the cover plate from the grease duct access door frame and affix it to the location you selected in step one by using two 5/16" self-drilling, self-tapping screws (not included) at two of the four corner holes on the panel cover.
4. Using the cover plate as a template, drill out the mounting holes for the panel studs using a 5/16" drill bit. Remove the two self-tapping screws when complete and, where those screws were, drill two holes with your 5/16" drill bit.
5. From the outside of the duct, take the back frame of the access door and place the bolts inside the holes.
6. With a marker, trace the inside of the frame onto the duct, then remove back frame from duct. Using a hole saw, make two 5/8" pilot holes at opposite corners of the lines you just traced on the duct for easier saw access.
7. Using a reciprocating saw, make two straight cuts from each of the hole saw holes. Cut just outside of the trace marks, to other traced corner. Extract the plate from the interior of the duct. (Cutting to the outside allows the cut edge to be behind the finished back frame and prevents cuts when using panel.)
8. Place the back frame diagonally INTO the duct, align the studs with the bolt holes and pull the frame outward towards you so the frame is flush against the inside of the duct and the mounting studs protrude through the pre-drilled holes in the side of the duct. Be sure to have a good grip on the frame so it doesn't fall into the duct.
9. Take the "E"-clips and slide onto the base of all studs to hold the back frame in place. Be sure to use an "E"-clip on all of the studs.
10. Put the front panel on, gasket side toward the duct, and tighten with the supplied wing nuts in a criss-cross pattern.
11. If prior to installation, you removed reduced clearance wrap from the surface, you'll need to cover the access panel. To do this, employ two layers of the same material used for the reduced clearance insulation and follow the manufacturer's directions provided for insulating access cover plate. You will need additional hardware to attach the insulation blankets during this step. (Not provided)