



# KITCHEN EXHAUST GREASE DUCT ACCESS DOOR

## Model KEDA and KEDA-R Installation Manual

Installation is simplified through step-by-step instructions.

The estimated time required for installation is 30 minutes per door.

The only tools required for installation are as follows:

1. Drill
2. 5/8" or 3/4" holesaw (or drill bit)
3. Metal cutting saw and blades (or power shears)
4. Welder

The contents of this package are:

- |                      |                             |
|----------------------|-----------------------------|
| 1. Access door cover | 3. 1/4" wing nuts for studs |
| 2. Access door frame | 4. Gasket - fiberglass tape |

1. Select best location for access door to be installed. (Access doors must be installed on the side or top of the duct).
2. Trim back ducting insulation (if so equipped), to expose a seamless side of grease duct slightly larger than the interior opening of the access door frame. Neatly trim and fold in wire or sheet metal wrap if equipped.
3. Using the access door frame as a template, hold it in place on the metal duct and using either a scratch awl or marking pen, trace around the inside of the longest frame leg.
4. Set the frame aside and drill a 5/8" hole in opposing corners to the outside of the rectangle just traced on the duct.
5. Using a reciprocating saw equipped with a metal cutting blade, or power shears, cut around the outside of the line using the 5/8" holes as a starting point for each of the four cuts. Remove and properly discard metal plate.
6. Remove the fiberglass tape gasket from the door prior to welding, and set the gasket aside. For KEDA-A doors (flat ductwork): Slip the frame through the hole cut out of the ducting, and weld into place. For KEDA-R doors (round ductwork): Position the frame over the hole cut out of the ducting, and weld into place.
7. Reinstall the fiberglass tape gasket over the studs and place the cover plate onto the frame, lining up the holes in the cover plate with the studs on the frame.
8. Install one of the wing nuts on each of the studs, and tighten to 5-7 ft/lb for each wing nut in a crisscross pattern until all have been installed.