

Fresh Air Damper Kit for ThinLine Vertical Fan Coils

Group: Applied Air Systems

Part Number: 668115702

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The fresh air damper kit provides up to 25% outside air to the fan coil. It consists of an intake with damper blade and insect screen. The damper may be manually controlled through the return air opening or with an optional field-installed damper motor.

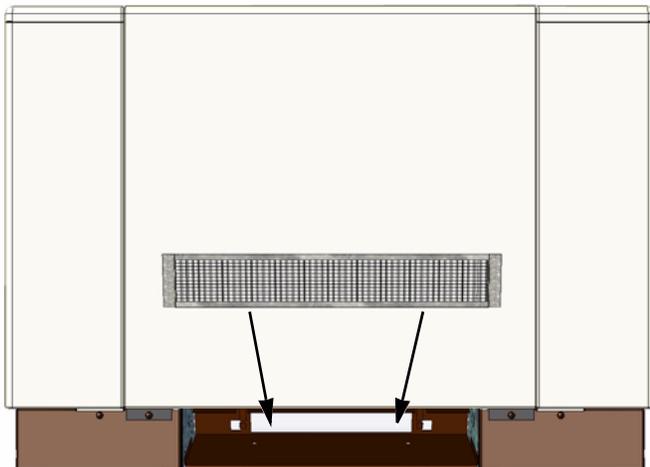
Installation Instructions

⚠ CAUTION

Sharp metal edges are potential injury hazards. Wear protective gloves.

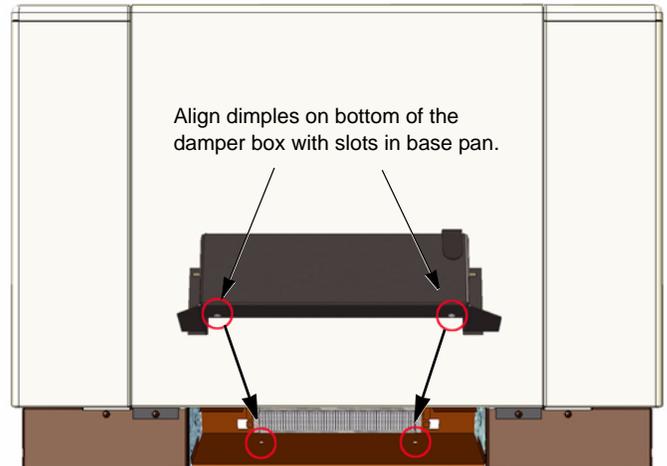
- 1 Locate components and remove from carton. Kit includes:
 - Damper box
 - Screen
- 2 Place the screen against the opening in the back of the unit base. See [Figure 1](#).

Figure 1: Place Screen Against Opening in Unit Base



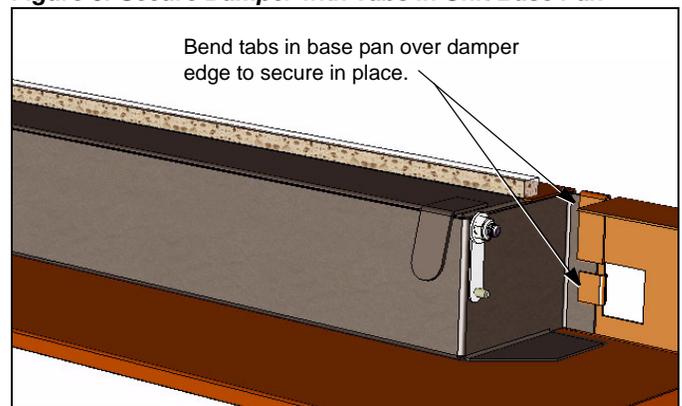
- 3 Slide the damper box in place against the screen, matching the dimples on the bottom of the damper box to the slots on the unit base (see [Figure 2](#)).

Figure 2: Slide the Damper Against the Screen



- 4 To secure the damper to the unit, bend the tabs in the unit base pan against the left and right edges of the damper (see [Figure 3](#)).

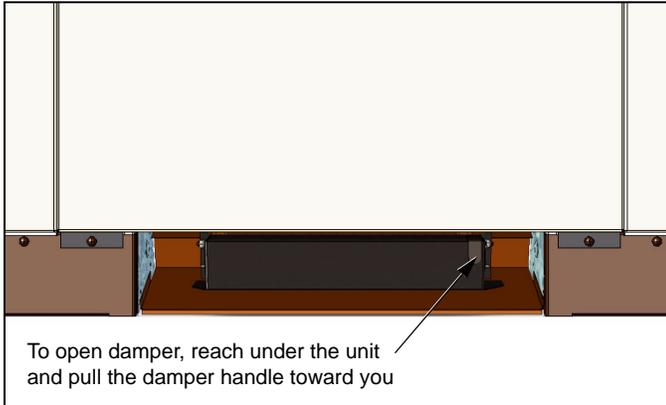
Figure 3: Secure Damper with Tabs in Unit Base Pan



Operation

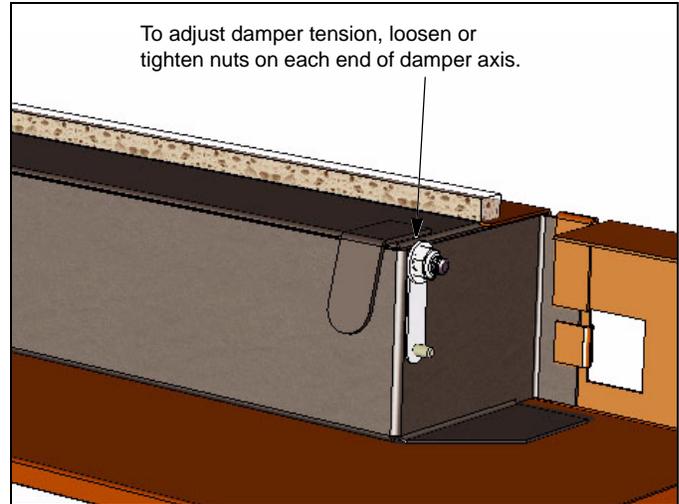
To open the damper, reach under the unit and pull the damper handle toward you. To close, push the damper away from you. See [Figure 4](#).

Figure 4: Opening and Closing the Damper



If the damper is difficult to open or moves too freely, you can adjust the tension by tightening or loosening the nuts on its pivot axis. See [Figure 5](#).

Figure 5: Adjusting Damper Tension



Cold Weather Operation

Fan coils may experience erratic operation during cold ambient conditions with the outside air damper in the open position.

IMPORTANT

It is the responsibility of the contractor to ensure that factory-installed gasketing matches up with the wall opening, or that additional material is used, to provide a positive seal and prevent infiltration of ambient conditions.