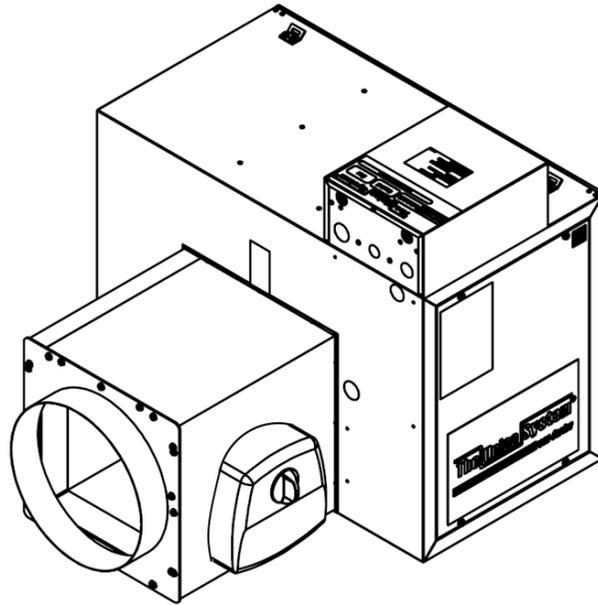


UV Light Module Installation Instructions



Model Number Key

UVC	1	-	09
Unit Type	Revision Number	-	Cabinet Size
UVC – Cabinet Only UVL – Cabinet w/ UV Light	1, 2, 3, etc.	-	09 – 9.25"

PACKING LIST

Package includes:

Item	Qty
UV Cabinet	1
UV Light	1*

* Included only when UVL model is purchased.

INSTALLATION

Refer to the diagrams below for allowed mounting configurations. If used with an electric heater, THE UV MODULE MUST BE INSTALLED BETWEEN THE BLOWER AND THE ELECTRIC HEATER.

The UV cabinet's mounting flange should be flush with the edge of the blower cabinet (bottom for the M-series, rear for the V-series). Center the cabinet horizontally over the blower opening and use #10 x 1/2" sheet metal screws to secure the cabinet to the face of the blower module. Tape all seams with UL181 rated foil tape.

When installing a UV lamp, ensure that any airflow sensors are fully inserted into the inner metal casing. Secure the light directly to the sheet metal casing and cut away the outer insulation as necessary so that the module sits flush with the inner face of the UV cabinet. When installing in humid climates or attics, install a piece of 1/2" thick rubatex or similar closed cell foam insulation over the exterior of the UV lamp casing to prevent condensation.

The Unico UV Light Module is compatible with many different models of UV lamp, so be sure to read and follow all of the installation instructions provided by the manufacturer of your UV lamp.

If installing the UVL1-09, the cabinet comes with knockouts for a Honeywell Home¹ UV100E1043 UV light. Simply secure the unit to the duct using the screws

provided. The unit is powered using a 120V NEMA 5-15 plug and may be connected to any nearby receptacle.

INSTALLATION DIAGRAMS

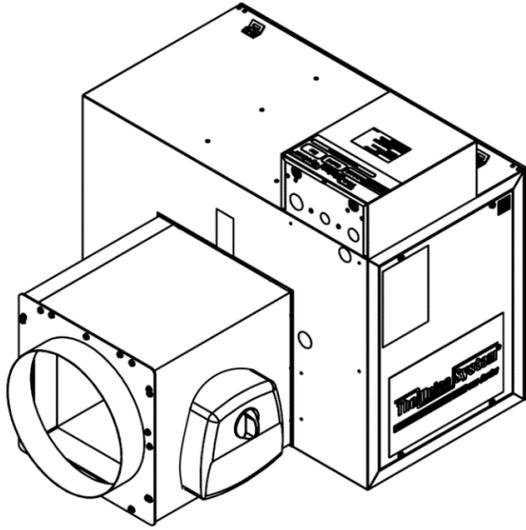


Figure 1. Installation of Cabinet only, or cabinet with UV lamp.

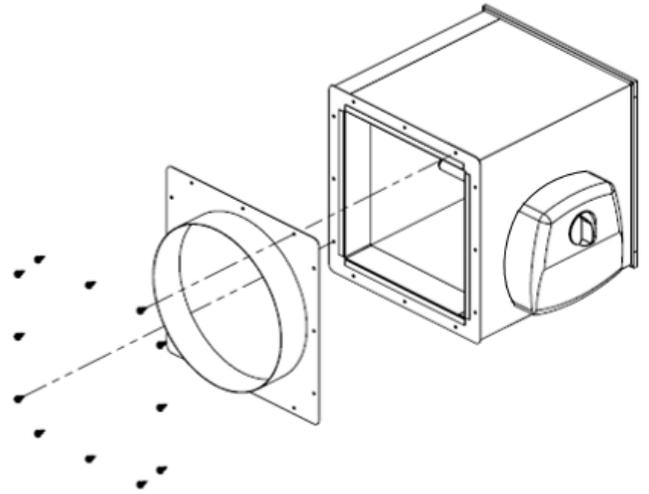


Figure 2. Removal of Supply Adapter

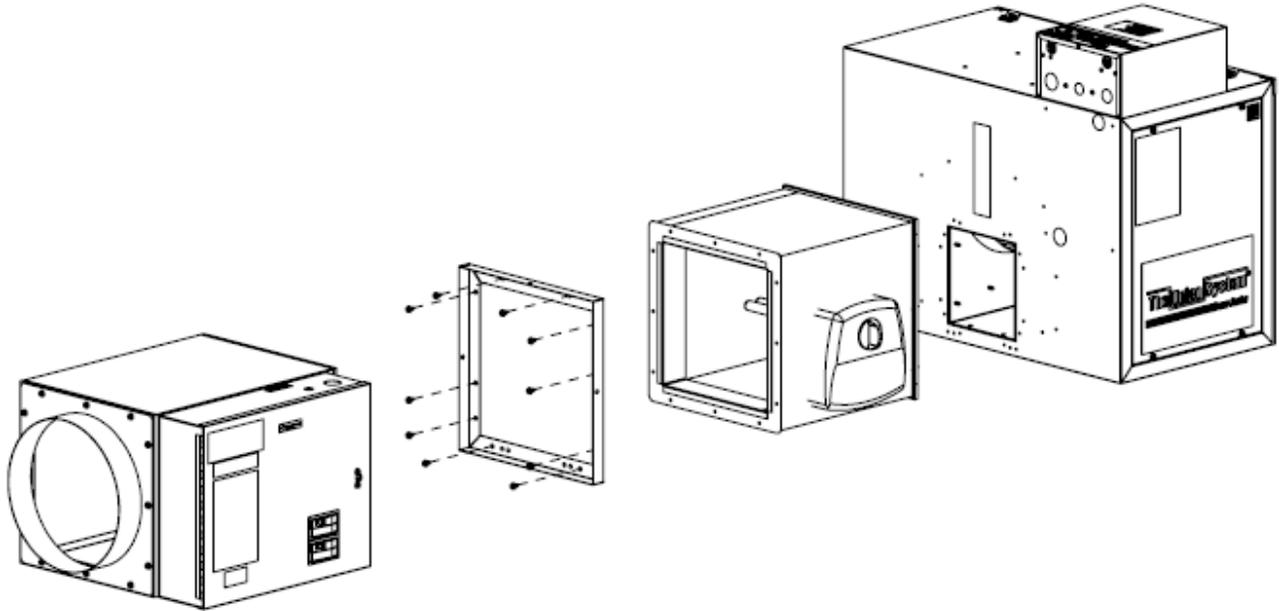


Figure 3. Installation of UV Cabinet with electric heater.

¹The Honeywell Home brand is used by Resideo under license from Honeywell International.

OPERATION

To optimize the effectiveness of the UV light, set the blower to run continuously at low airflow. This provides continuous exposure of air within the conditioned space to the germicidal effect of the UV light.

Integrating the UV module with a high-efficiency particulate filter (MERV 8 or higher) is another excellent method for improving indoor air quality.

SPARE PARTS

The UV Light Module comes with a 10" round supply adapter from the factory. Several other supply adapters are available for use with different sizes of supply plenum. Model numbers for each adapter are listed below.

Table 1. Supply Plenum Adapters.

Plenum Type	Supply Adapter Model No.
7" Round Metal	A01007-001
9" Round Metal	A01007-002
10" Round Metal	A01007-003
6.5" ID Fiberglass	A01008-G01
8.5" ID Fiberglass	A01008-G02
9.5" ID Fiberglass	A01008-G03