Features

- Suitable for residential furnace installations
- 16" Dual UV-C lamps
- Includes 360° Parabolic UV Reflector
- Soft Start Electronics with Variable Voltage Protection
- Dual Voltage – 120V or 24V power
- Built in UV "Smart Light" Photo cell indicator
- Optional Dealer-programmable LCD
- Tandem feature for multiple units
- Fast, easy, versatile installation
- Convenient Snap in/out lamp for quick servicing
- High Temp model – Up to 220°F (104°C)
- 5 year limited warranty on power supply
- 1 year limited warranty on lamp

Specifications

Dimensions:	6½" L x 6½" W x 18½" H
Electrical:	120VAC, 50/60Hz, 0.35A; 36W lamp
Weight:	Less than 2 lbs
Humidity:	Water-resistant lamp
Lamp life:	9000 hour continuous operation

Lamp Replacement Model: UCP-36D16-DV

PREMIUM PLUS DUAL LAMP, DUAL VOLTAGE UV COIL PURIFIERS

For Furnace Installations

UC36D16-DV and UC36DL16-DV

Installation Instructions

PURIFICATION

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Liability Notice
Daikin North America LLC does not accept any liability for installations of UV purification equipment installed by unqualified personnel or the use of parts/components/equipment that are not authorized or approved by Daikin.

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***INSTALLATION DATE (MM/DD/YYYY) (/ /)**

_____

MODEL#: _____

***Ask Dealer to provide this information.**

Our continuing commitment to quality products may mean a change in specifications without notice.

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Houston, Texas • USA
www.cleancomfort.com

1-866-876-8044

Installation Instructions

⚠ WARNING!

Power supply can cause electrical shock. Be sure the UV power supply is disconnected before installation begins.

⚠ WARNING!

Do not open the base unit as it is designed to be installed as one piece. There are no service components inside.

⚠ WARNING!

UV light may affect plastics in the heating and cooling system. Select a location that reduces lamp exposure to plastic components that are not UV resistant.

⚠ WARNING!

Do not touch lamp glass without gloves. Keep lamp surfaces clean.

⚠ WARNING!

Lamps may contain small amounts of mercury. If lamp breakage occurs, clean area and dispose with care.

⚠ WARNING!

To minimize the risk of UV exposure to skin and eyes, only power the lamps when the installation is complete. Lamp illumination is confirmed by the light indicator on the face of the exposed base unit.

⚠ WARNING!

Disconnect power before all lamp change-out or servicing. There are several disconnects. We recommend completely disconnecting the power cord from the electrical power outlet.

Products

Model - UC36D-DV	36 watt 120/24 volt High temperature model
Model - UC36DL-DV	36 watt 120/24 volt with programmable LCD display

SYSTEM INSTALLATION

⚠ WARNING!

DO NOT connect electrical power while installing.

Step 1

Use rubber template for installation location.
Peel off backing and mount. (***Figure 1***)

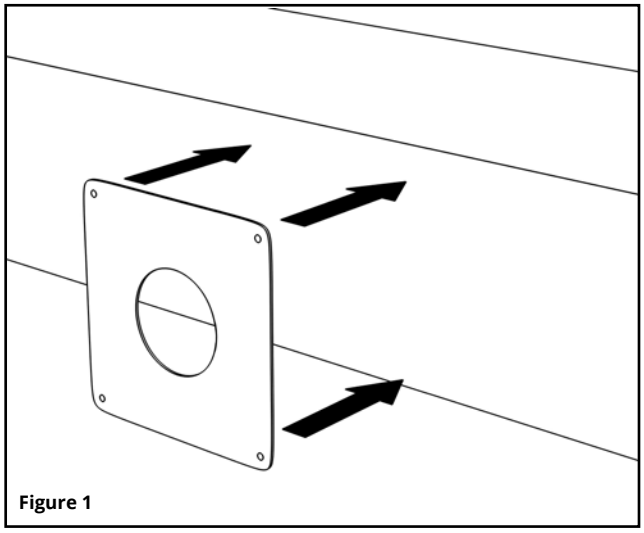

Figure 1

Step 2

Cut access hole in duct. (***Figure 2***)

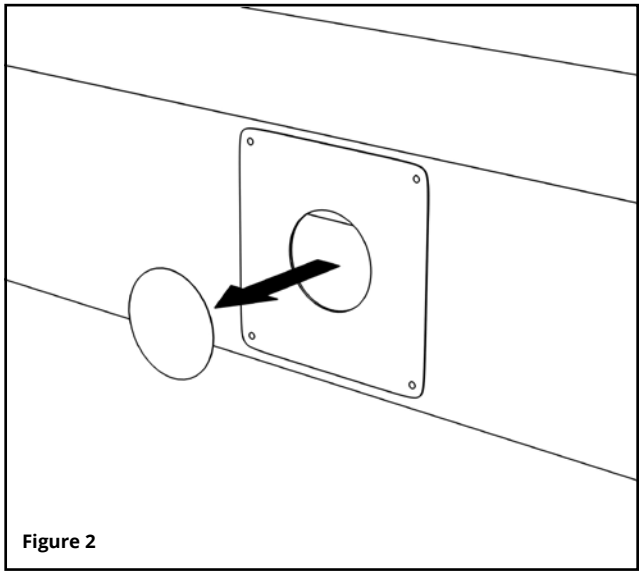

Figure 2

⚠ CAUTION!

Cover any exposed wires with reflective aluminum tape to shield the wire's insulation from UV light.

Step 3

Mount base plate to duct - 4 screws. (***Figure 3a***)

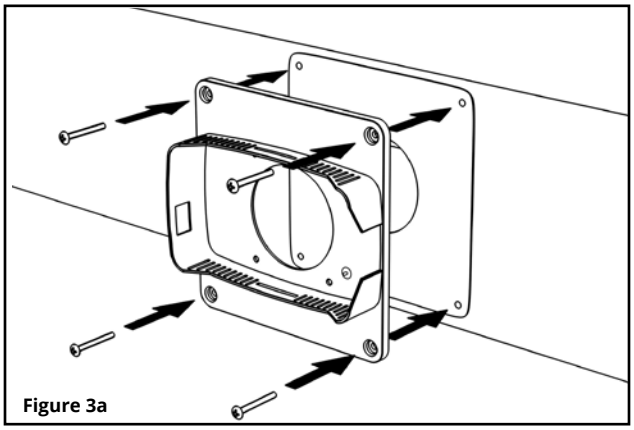

Figure 3a

For duct board, mount base plate as shown, using 4 nuts, bolts and washers. (***Figure 3b***)

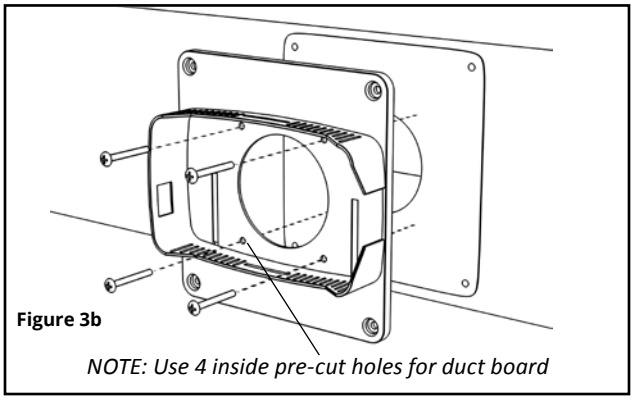

Figure 3b

NOTE: Use 4 inside pre-cut holes for duct board

Step 4

Insert lamp into the back of the UV module. Squeeze locking tabs on lamp base to secure lamp. (***Figure 4***)

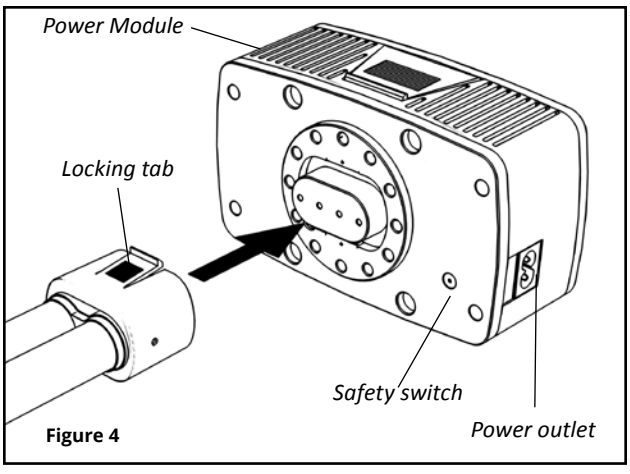

Figure 4

Step 5

Note: Use of reflector is optional, but recommended if device is installed where the UV light is shining on the coil or in the cold air return duct.

Slide reflector into black reflector base ring as shown. (***Figure 5a***)

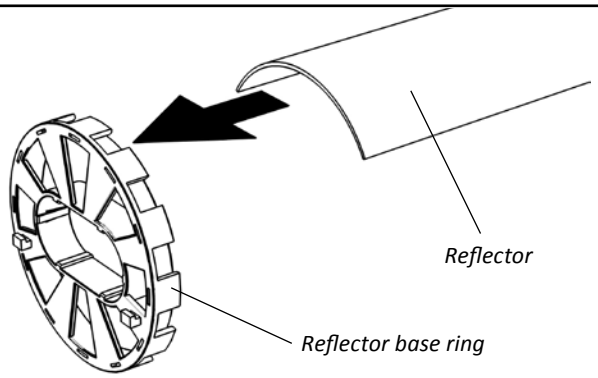

Figure 5a

Slide lamp into reflector assembly. (***Figure 5b***)

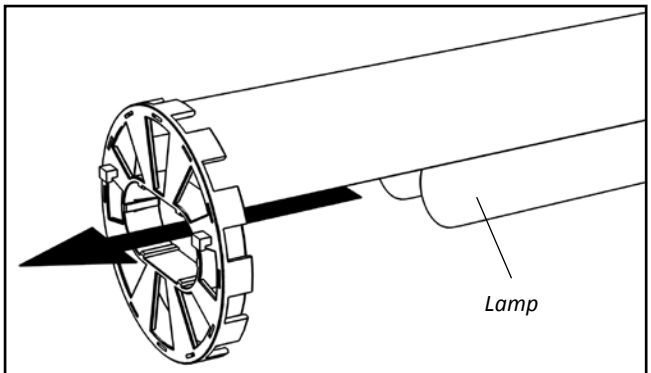

Figure 5b

Insert reflector assembly into power module. Choose reflector position by selecting tab location in holes. (***Figure 5c***)

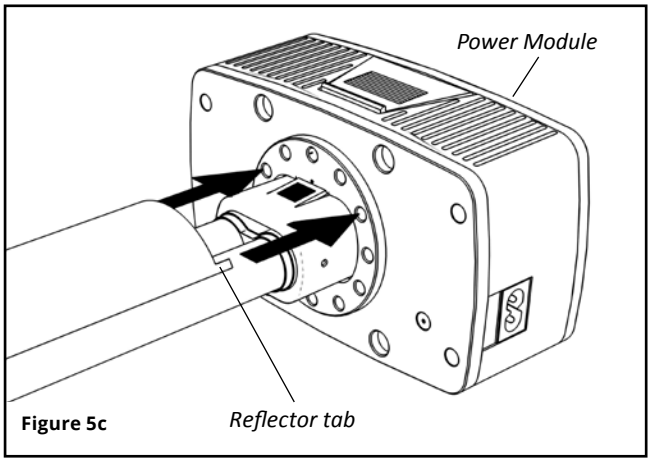

Figure 5c

Step 6

Then, insert metal locking clip into holes as shown. (***Figure 6 - A, B, C***)

Insert clip under small glass bridge at lamp end. (***Figure 6a***)

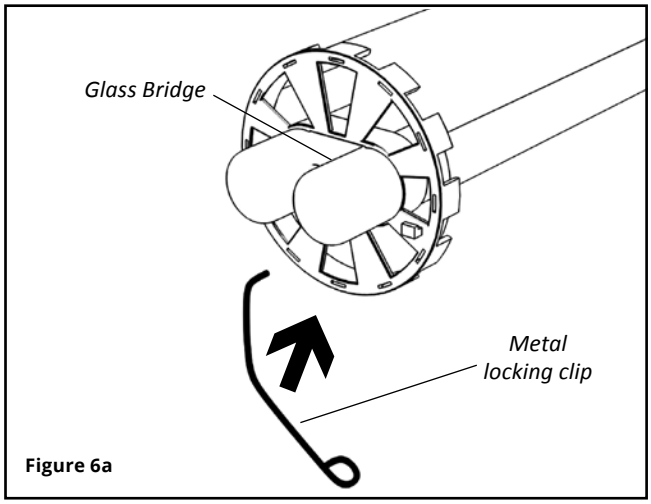

Figure 6a

Turn clip end down to lock into place. (***Figure 6b***)

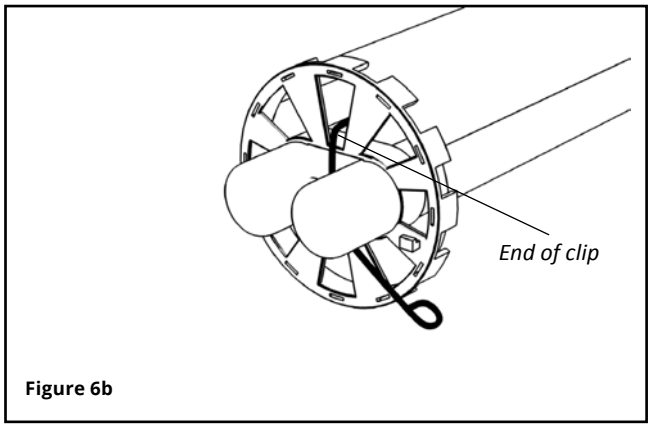

Figure 6b

Push clip up & lock onto plastic tab. (***Figure 6c***)

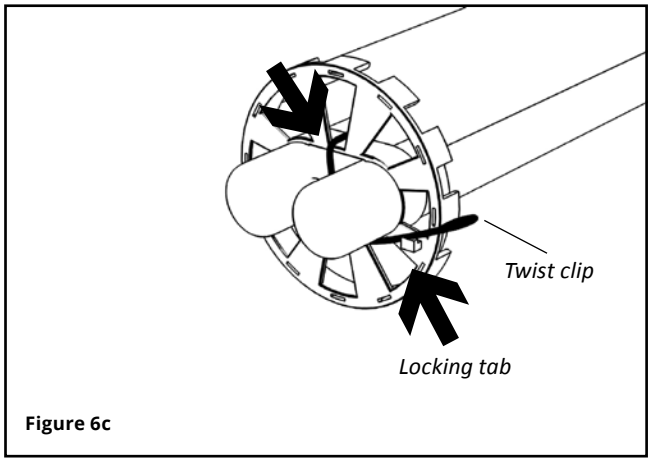

Figure 6c

Step 7

Slide complete power module assembly into base. Depress top & bottom tabs to lock into place. (***Figure 7***)

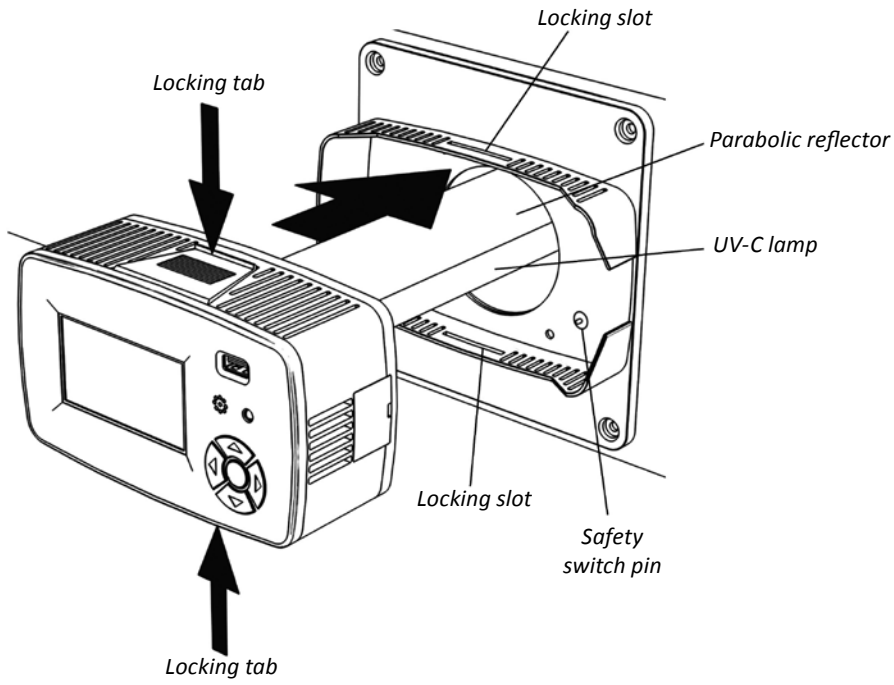

Figure 7

Step 8

Install power cord & connect to 120V power supply. If using 24V power supply, cut plug and connect wires to 24V power source. Power up unit. Check that blue UV indicator light is illuminated. (***Figure 8***)

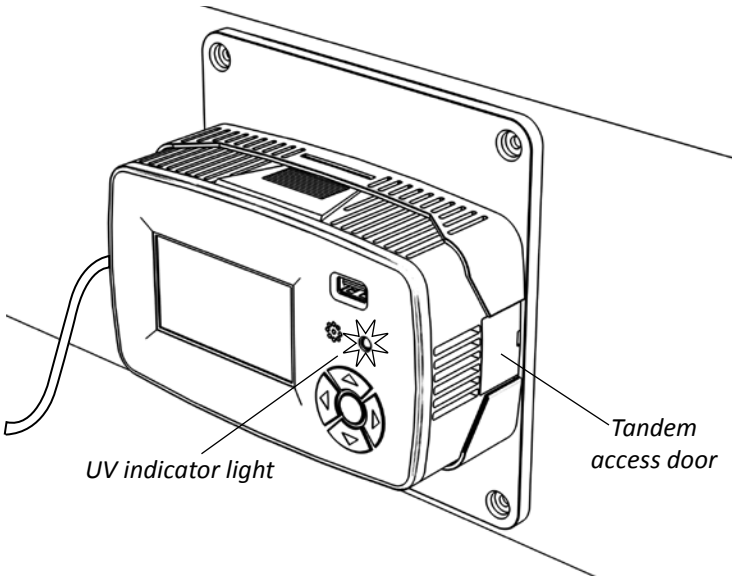

Figure 8

Step 9 - Tandem installation

For multiple units connected in series, remove power access door (***Figure 9a***). Connect units together. (***Figure 9b***)

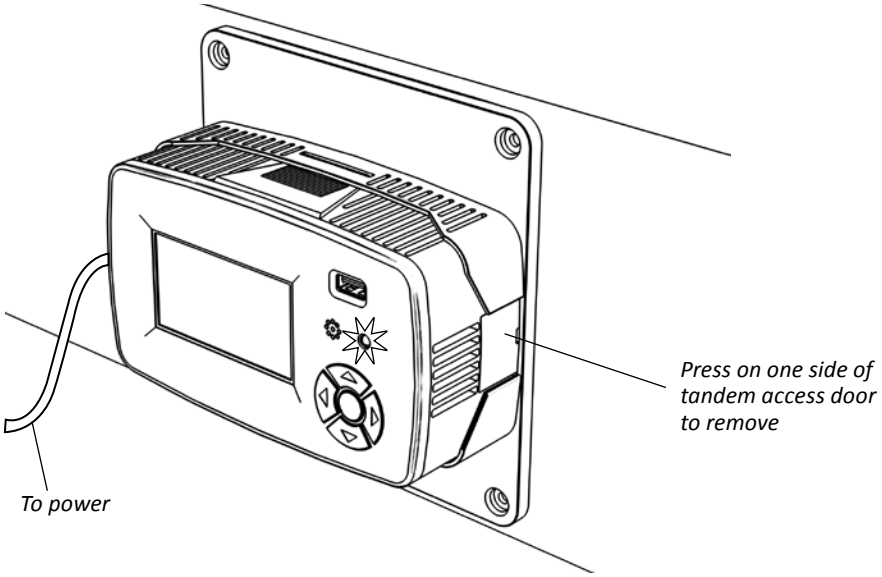

Figure 9a

Connect power cord to join units (***Figure 9b***).

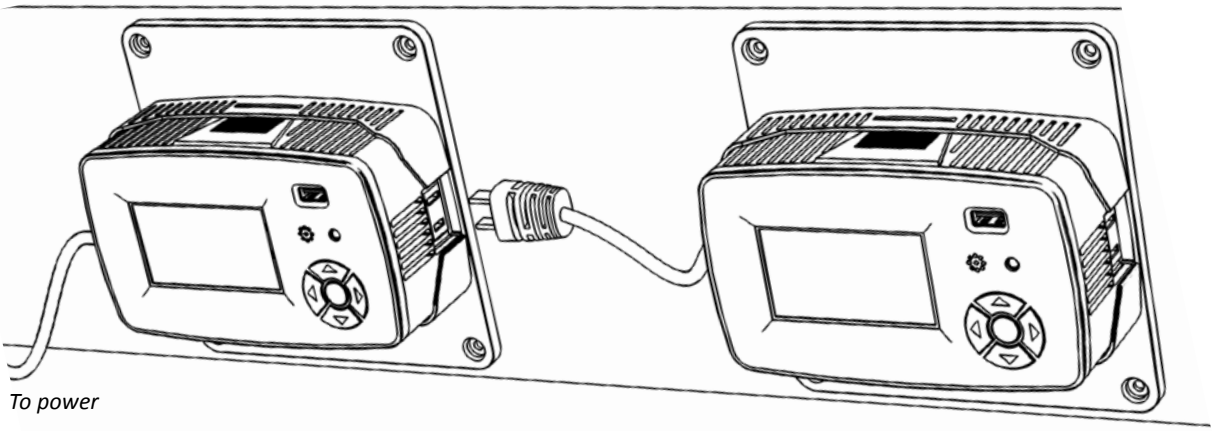

Figure 9b

Programming
For LCD versions only

P1 - The LCD
There are 3 rotating screens:

1. Clean Comfort logo
2. Number of days remaining before service
3. Dealer / contractor contact information screen

The third screen can be custom programmed with dealer's business contact information.

P2 - Insert Memory Stick
To program the dealer / contractor screen, insert the Memory Stick (provided) into USB port. This will automatically take you to the dealer / contractor screen for programming your contact information.

Press the center button on the "joystick" once to activate the square editing icon. (***Figure 10***)

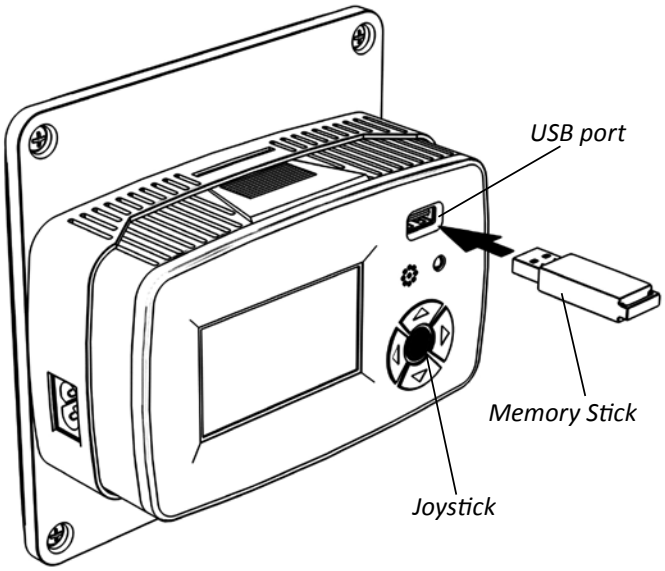

Figure 10

P3 - Character screen
The editing icon appears as a solid black box on the screen. (***Figure 11***)

Figure 11

This icon indicates where the character you choose will go. The directional controls on the joystick allow you to move the icon on the screen to the position you desire. (***Figure 12***)

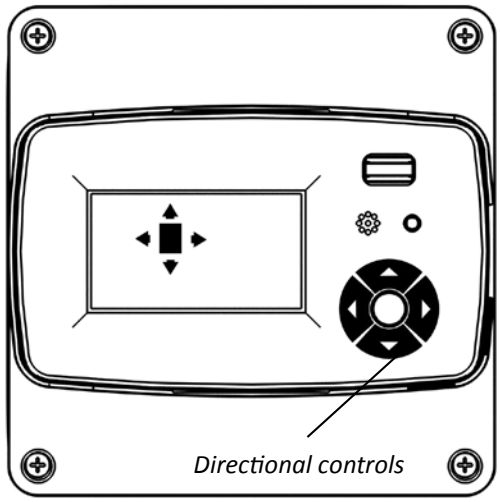

Figure 12

To access the alphabet & numeric characters for programming, press the center button on the "joystick" a second time. This will bring up the alphanumeric character screen.

You can use the directional controls to select the character you need. If you do not want a character where the icon is then choose the blank space (located below the letter "R") from the alphanumeric character screen. (***Figure 13***)

A	B	C	D	E	F	G	H	I	J
K	L	M	N	O	P	Q	R	S	T
U	V	W	X	Y	Z	-		&	#
0	1	2	3	4	5	6	7	8	9

Figure 13

P4 - Editing text

When you land on the character you need, depress the center button on the “joystick” once and it will load that character into memory.

There are 4 lines allowed for information with a maximum of 16 characters per line.

We recommend that you practice with the 3 templates on the next page. (***Figure 14***)

They will help you to properly position spaces so that your contact information is centered on the LCD screen.

For assistance, contact 1-866-876-8044 or 1-416-615-0214 between 8 AM and 4 PM Eastern Standard Time.

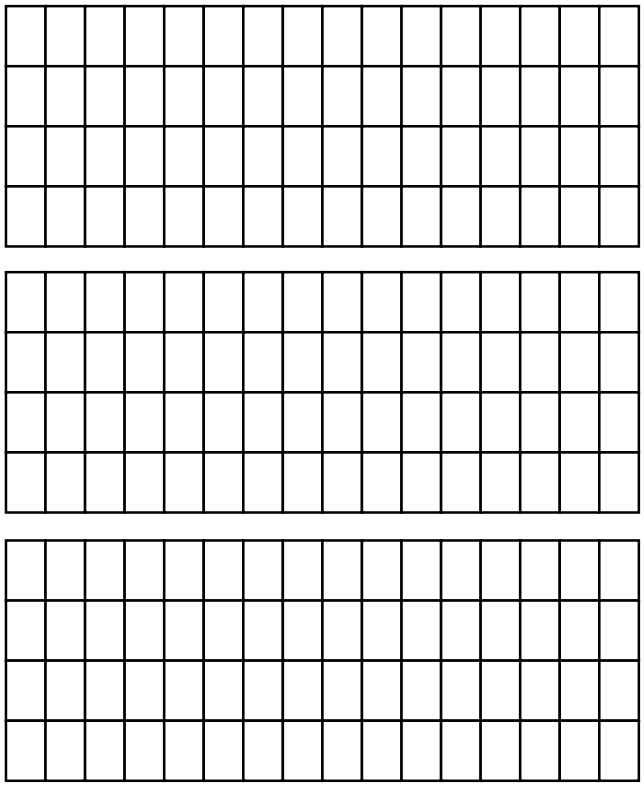

Figure 14 - Dealer / contractor templates for character positioning

P5 - Saving your information

Once you have programmed the service notification screen to your liking, simply remove the memory stick. The information will be locked.

The memory stick retains the information and can be used to program the LCD screen of any UC36DL16 on your next install. Simply power up and insert the programmed memory stick into the USB port. It will automatically upload and save the data to the new UV module’s permanent memory.

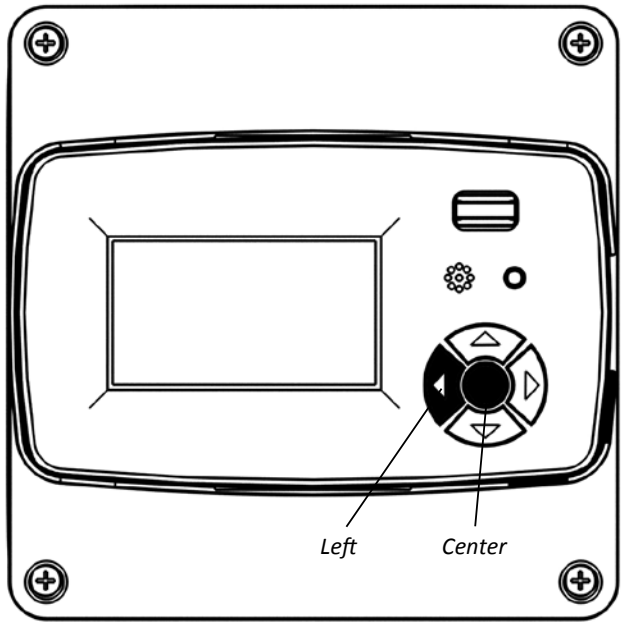

Figure 15

P6 - Reset notification timer

Depress the center button and left button together for 5 seconds to reset the notification timer. (***Figure 15***)

Maintenance

NOTICE

UV-C lamps expend their germicidal effectiveness over time. It is recommended that you change your UV-C lamps at least once a year, even if the lamp appears to be operating normally.

Replacement UV-C lamps can be obtained from your installing contractor or by calling Daikin at 1-866-876-8044.

If you have any questions concerning the use or care of this product contact us at:

DAIKIN NORTH AMERICA LLC
746 Warden Avenue
Toronto, Ontario • Canada M1L 4A2
1-866-876-8044
info@cleancomfort.com

Warranty

Daikin North America LLC warrants these products, to the original consumer, to be free from defects in materials and workmanship under normal use and service, for the time period listed below.

Product Number	Product Description	Warranty Period
UC36D16-24B	16" Dual Lamp, Dual Voltage UV Coil Purifier for air handlers	1 year on lamp and 5 years on all other components
UC36D16-DV	16" Dual Lamp, Dual Voltage UV Coil Purifier for furnaces	1 year on lamp and 5 years on all other components
UC36DL16-DV	16" Dual Lamp, Dual Voltage UV Coil Purifier with LCD display for furnaces	1 year on lamp and 5 years on all other components

The warranty period commences on the purchase date of the product. The warranty does not cover any damage from misuse, neglect or abuse. To make a warranty claim contact the original installing contractor with a copy of an original sales receipt or other evidence of the date of purchase. As our only obligation, and your only remedy, we will repair or replace any defective part of the product. Any part replaced pursuant to this warranty is warranted only for the unexpired portion of the warranty term applying to the original part. This warranty does not cover labor, freight, or any other cost associated with the service, repair, or operation of the product.

WE WILL NOT HAVE ANY OTHER RESPONSIBILITY, INCLUDING ANY LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, RESULTING DIRECTLY OR INDIRECTLY FROM ANY BREACH OF WARRANTY, EXPRESS OR IMPLIED, OR OTHER CONTRACT BREACH, NEGLIGENCE OR OTHER TORT. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you.

THIS WARRANTY IS THE ONLY EXPRESS WARRANTY ON THE PRODUCT, AND ANY IMPLIED WARRANTY, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. Some states and provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

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Notes:

Our continuing commitment to quality products may mean a change in specifications without notice.

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