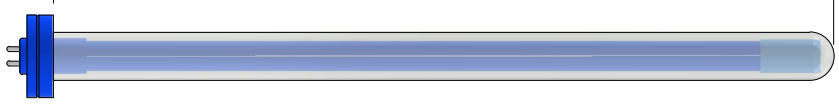
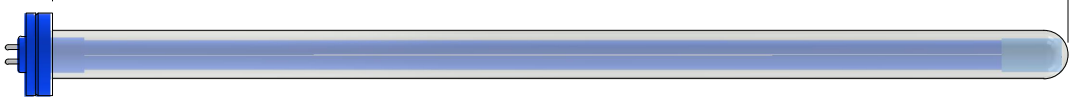
Part No: AS-IH-1001
Standard with AS-R-2/12,AS-R-3/12 & AS-R-4/12
Lamp Wattage: 16 Watts
Minimum Duct Clearence 12"

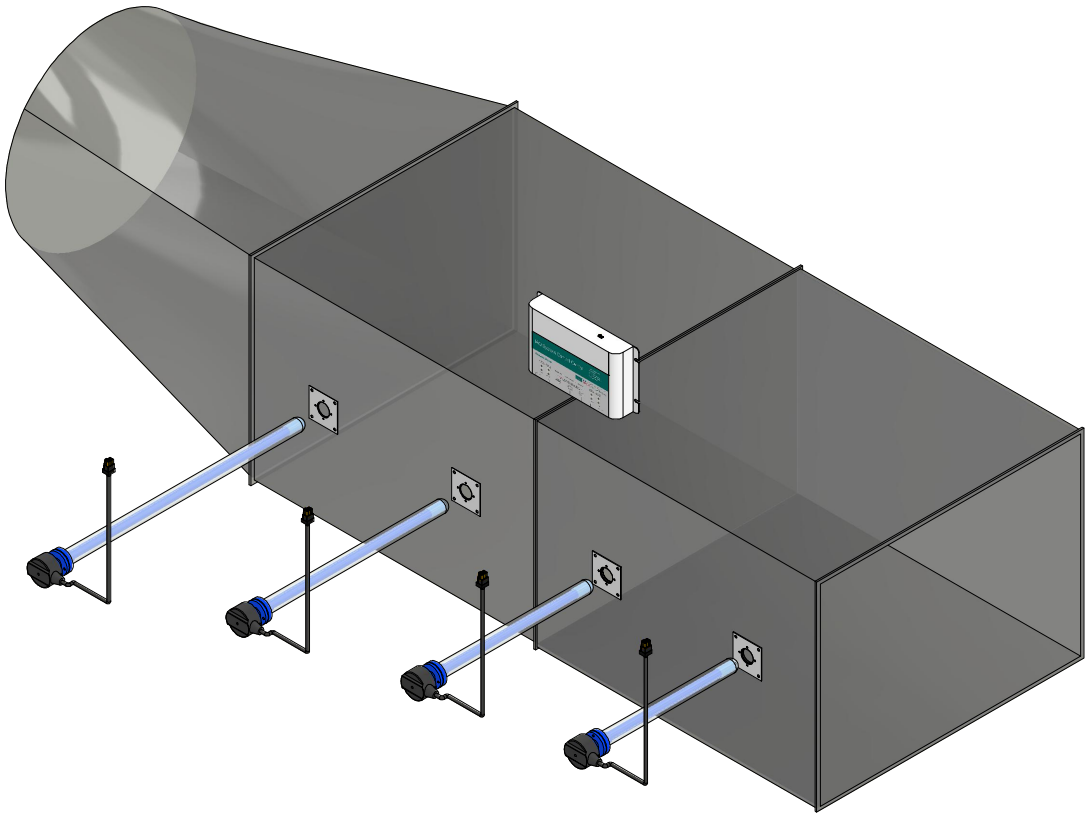
Part No: AS-IH-1024
Standard with AS-R-2/14,AS-R-3/14 & AS-R-4/14
Lamp Wattage: 18 Watts
Minimum Duct Clearence 13 1/2"

Part No: AS-IH-1003
Standard with AS-R-2/17,AS-R-3/17 & AS-R-4/17
Lamp Wattage: 25 Watts
Minimum Duct Clearence 16 1/4"

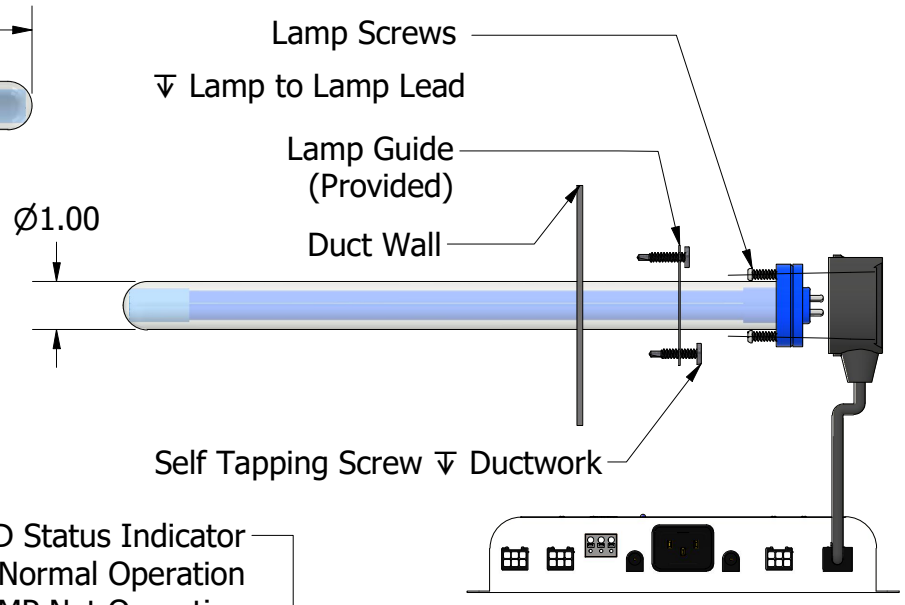


Part No: AS-IH-1005
Standard with AS-R-2/22,AS-R-3/22 & AS-R-4/22
Lamp Wattage: 28 Watts
Minimum Duct Clearence 21 1/4"

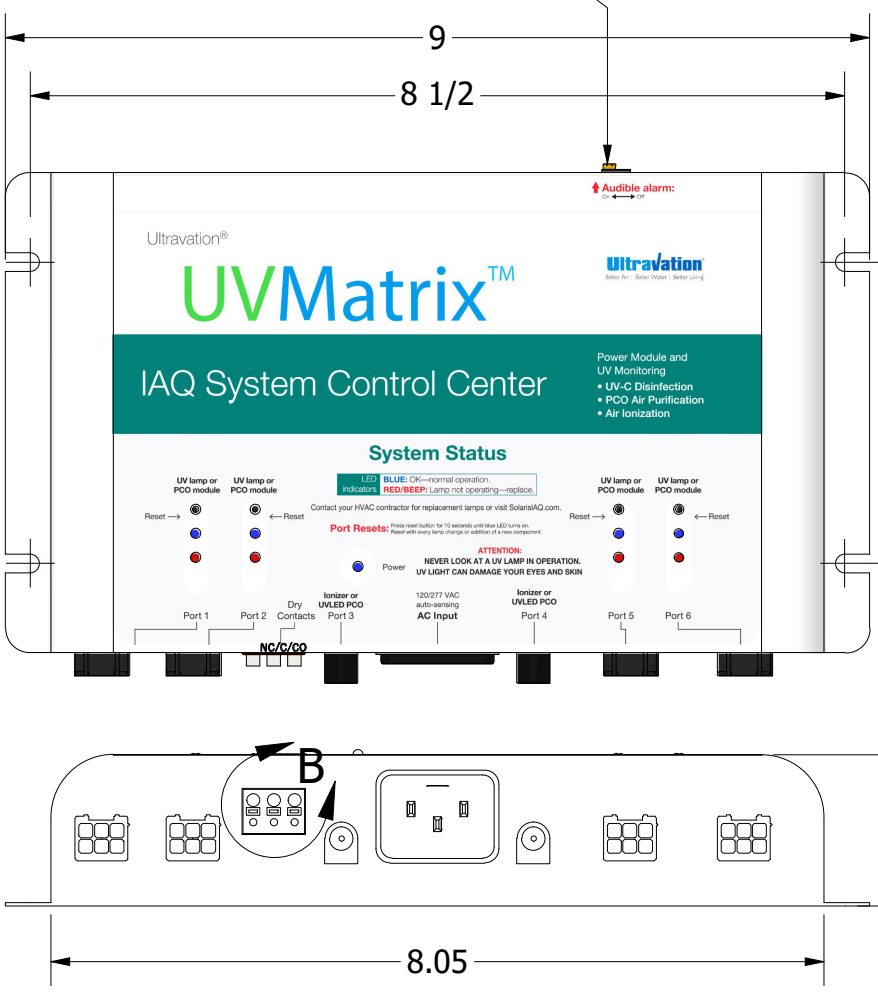




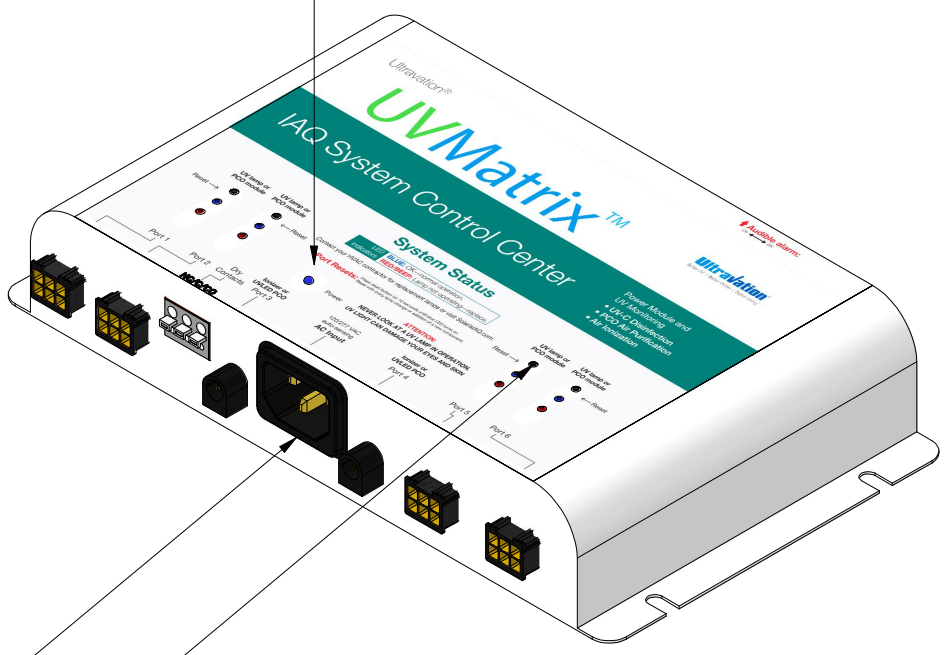
For optimal UV solution:
Determine duct sizes & Configure with longest possible lamp.



Buzzer ON/OFF Switch



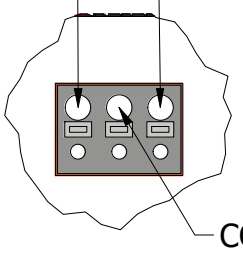
LED Status Indicator
BLUE: OK-Normal Operation
RED: LAMP Not Operating



Input: 120-277 VAC,50/60Hz,MAX 120W
RFI, EMI compliance: FCC PART 18A
Power Factor: >0.98

In order to reset each remote lamp individually,
an individual reset button is provided for each lamp.
To reset the unit, press and hold the reset button for
10 seconds while the unit is powered on.

Normally CLOSED — Normally OPEN



DETAIL B
DRY CONTACTS FOR B.I.C
Dry Contacts Connection:
Closed for Normal Operation,
Open in event of lamp failure.
OPEN= Not Operating;
CLOSED= Operating.
Contact Rated= 250V@1A

DRAWN	Anik D.	9/22/2022
CHECKED	B. Fowler	9/22/2022
QA		
MFG		
APPROVED		
All dimensions are in	inches	

Ultravation
67 TUBBS AVE, BRANDON VT-05733. 866-468-8247. www.ultravation.com

TITLE
UV Matrix AS-R

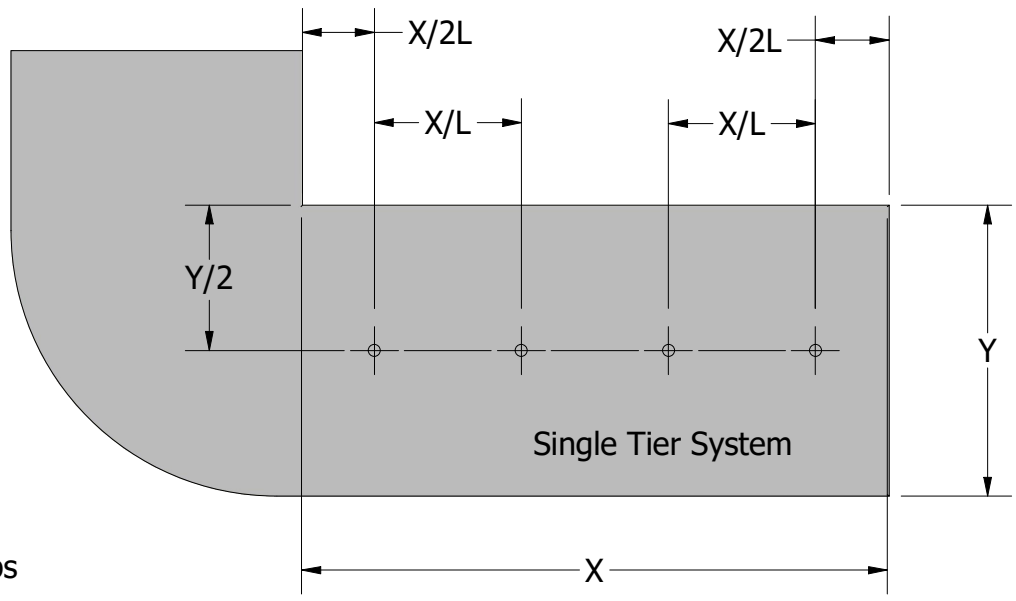
UV System with (2) to (4) 12" to 22" High intensity, 254 nm non ozone UVGI lamps on 6ft remote leads & High efficiency power supply.
W/ Dry Contacts Comes Standard for B.I.C

SIZE		PRODUCT FAMILY:	REV
A3		UV Matrix IAQ Solution	N/A

SCALE	N/A	Tolerance: ±0.03	SHEET 1 OF 2

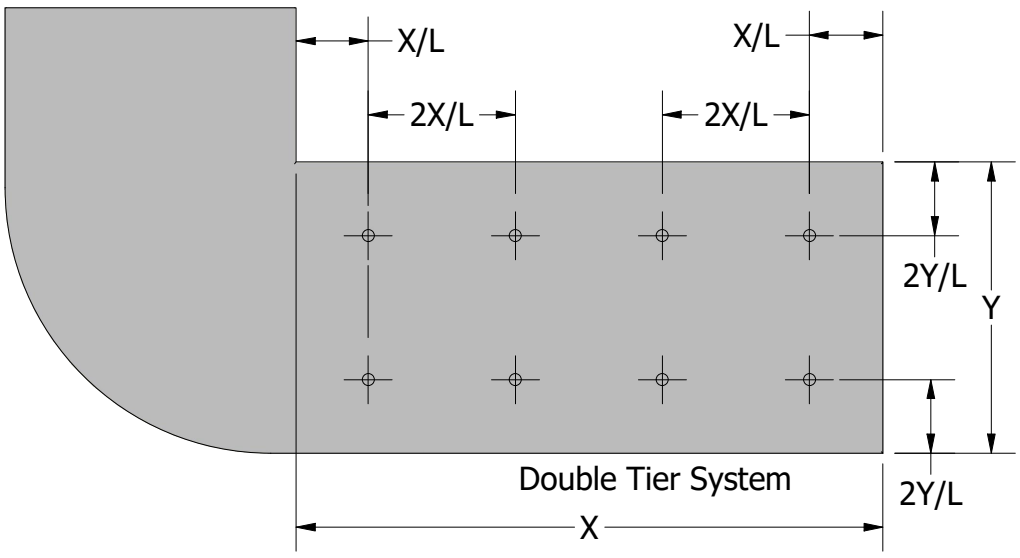
Configurations		
UV Matrix AS-R- (No. of Lamp)/ (Length of Lamp)		Power Consumption
UV Matrix AS-R-2/12	UV System with (2) 12″ High intensity, 254 nm non ozone UVGI lamps on 6ft remote leads & High efficiency power supply.	34 VAC
UV Matrix AS-R-3/12	UV System with (3) 12″ High intensity, 254 nm non ozone UVGI lamps on 6ft remote leads & High efficiency power supply.	50 VAC
UV Matrix AS-R-4/12	UV System with (4) 12″ High intensity, 254 nm non ozone UVGI lamps on 6ft remote leads & High efficiency power supply.	66 VAC
UV Matrix AS-R-2/14	UV System with (2) 14″ High intensity, 254 nm non ozone UVGI lamps on 6ft remote leads & High efficiency power supply.	38 VAC
UV Matrix AS-R-3/14	UV System with (3) 14″ High intensity, 254 nm non ozone UVGI lamps on 6ft remote leads & High efficiency power supply.	56 VAC
UV Matrix AS-R-4/14	UV System with (4) 14″ High intensity, 254 nm non ozone UVGI lamps on 6ft remote leads & High efficiency power supply.	74 VAC
UV Matrix AS-R-2/17	UV System with (2) 17″ High intensity, 254 nm non ozone UVGI lamps on 6ft remote leads & High efficiency power supply.	52 VAC
UV Matrix AS-R-3/17	UV System with (3) 17″ High intensity, 254 nm non ozone UVGI lamps on 6ft remote leads & High efficiency power supply.	77 VAC
UV Matrix AS-R-4/17	UV System with (4) 17″ High intensity, 254 nm non ozone UVGI lamps on 6ft remote leads & High efficiency power supply.	102 VAC
UV Matrix AS-R-2/22	UV System with (2) 22″ High intensity, 254 nm non ozone UVGI lamps on 6ft remote leads & High efficiency power supply.	58 VAC
UV Matrix AS-R-3/22	UV System with (3) 22″ High intensity, 254 nm non ozone UVGI lamps on 6ft remote leads & High efficiency power supply.	86 VAC
UV Matrix AS-R-4/22	UV System with (4) 22″ High intensity, 254 nm non ozone UVGI lamps on 6ft remote leads & High efficiency power supply.	114 VAC

Use The Template Below To Determine Lamp Placement To Optimize Air Stream Disinfection



In A Single Tier System Center Y
& Divide X By The Number Of Lamps
Start And End Coordinate Will Be Half
Of The Distance In Between Central Lamp.

X= Length of Duct
Y= Width of Duct
L= Number of Lamps



In A Double Tier System The Lamps in Y direction
Will Be 2Y/Number Of Lamps Away From The Walls
& Divide 2X By The Number Of Lamps
Start And End Coordinate Will Be Half
Of The Distance In Between Central Lamp.

For 3 Or More Tier Systems
Center One Row Of Uv Lamps By Y
Then Follow Tier 2 Systems Equations
For Distance From Wall/Lamps