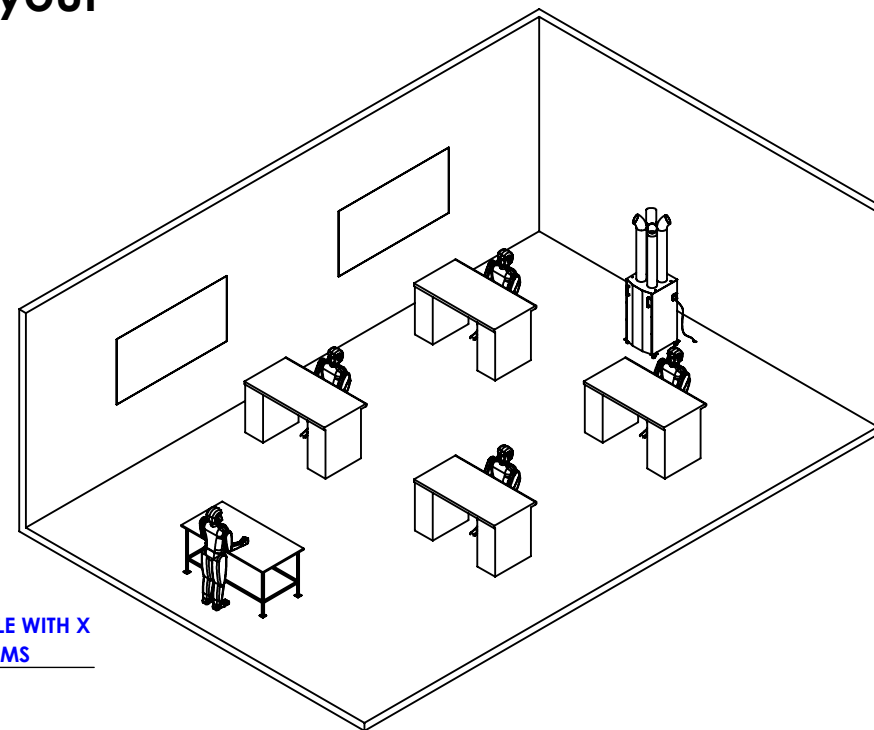
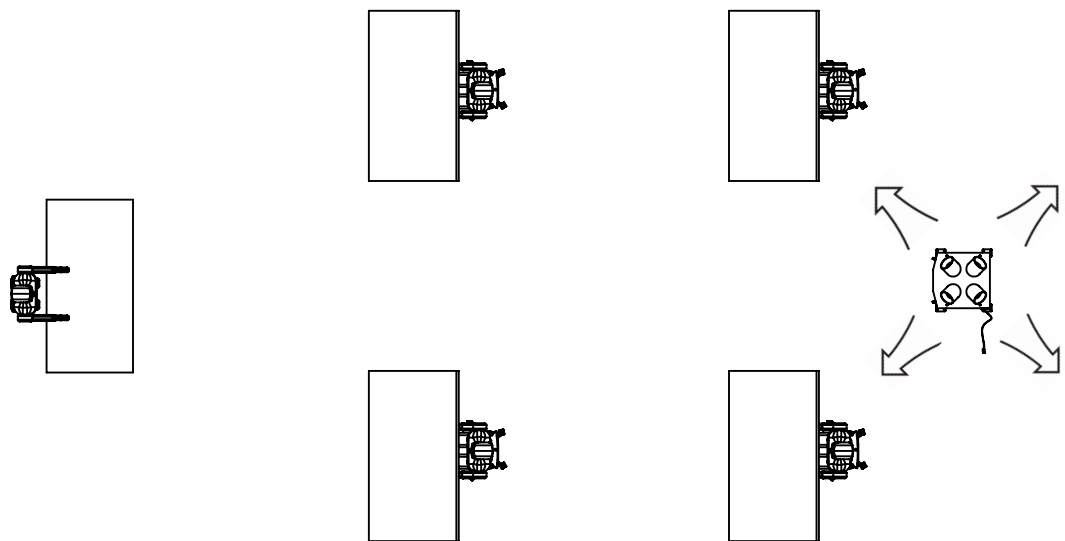
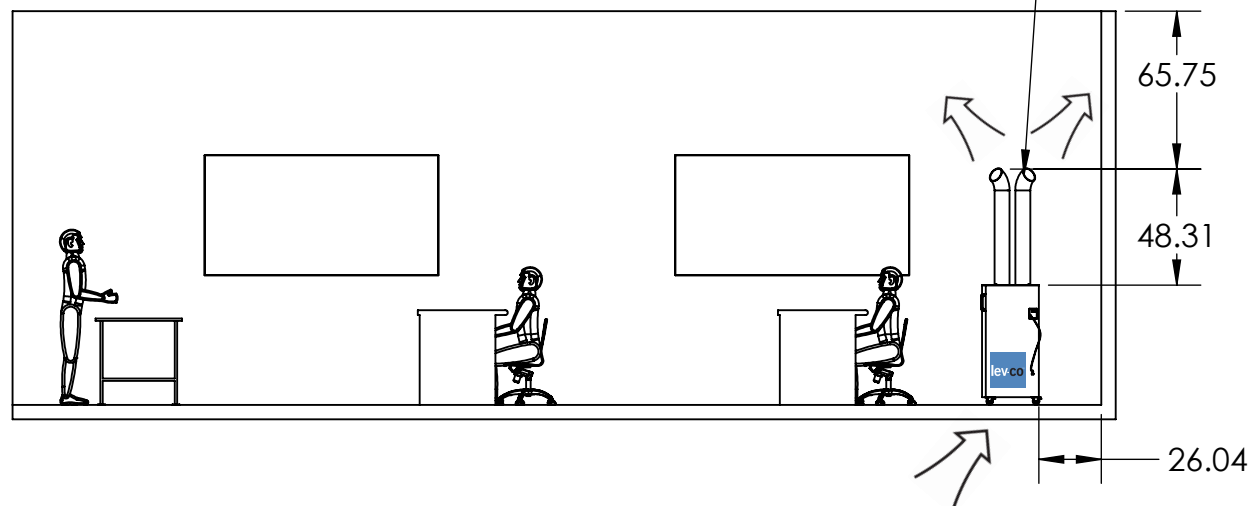


 = AIRFLOW DIRECTION

## Standard System Layout



L-8XX  
AIR PURIFIER MODULE WITH X  
DIFFUSION ARMS



### Notes:

- All dimensions are in inches
- This is the standard layout for this solution where the air purifier module can be moved to any desired location in the room

CUSTOMER:

CUSTOMER PO:

PROJECT:

ENGINEER:

SALES REP:

TAGGING:



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Drawn By: Mark Fanous

Date: 3/30/2021

Scale: NTS

Weight: N/A

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(20-013) ICA "AJUSTABLE DIRECTION OUTLETS" WITH HEPA H14 FILTRATION

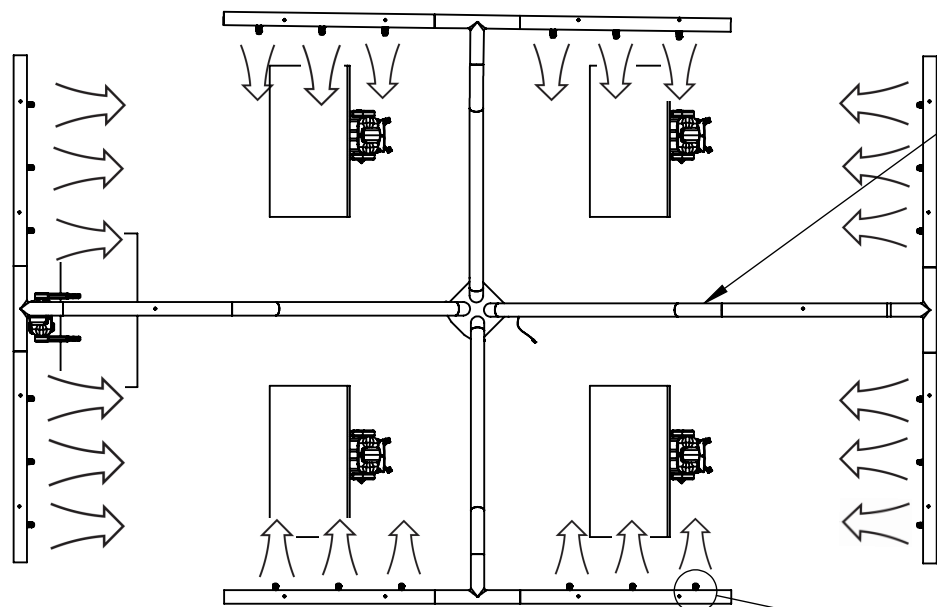
SPECIFICATION DRAWING

Drawing No: Sheet: 1 / 5

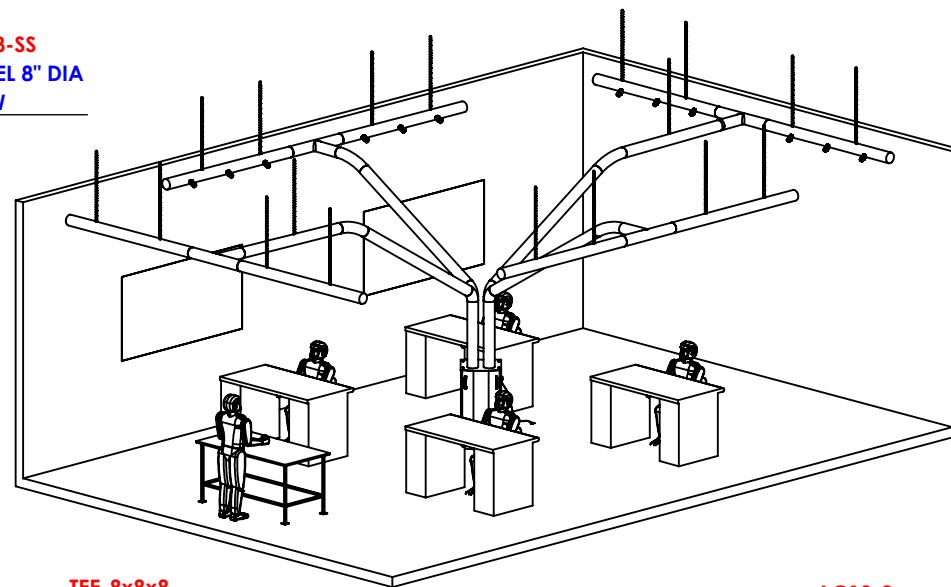
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 = AIRFLOW DIRECTION

## \*Optional Custom Layout\*

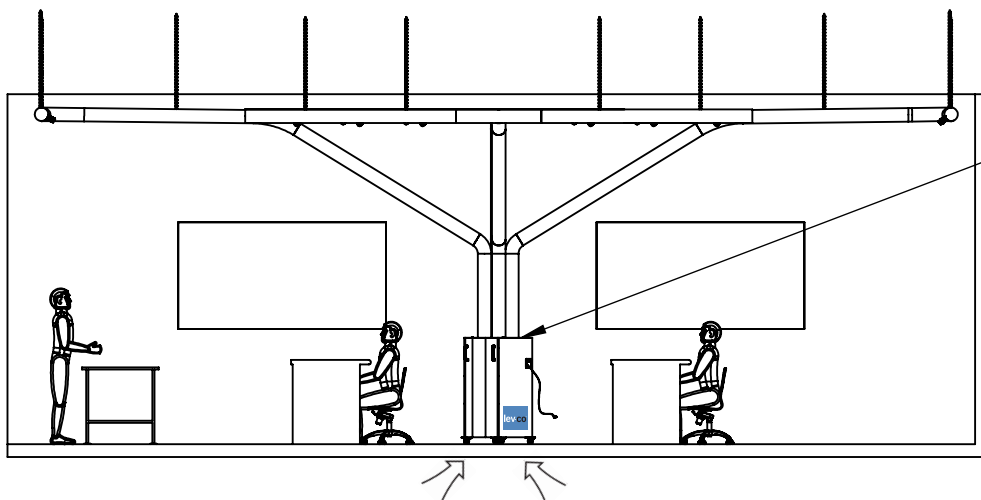


IN-DSE-08-SS  
STAINLESS STEEL 8" DIA  
ELBOW

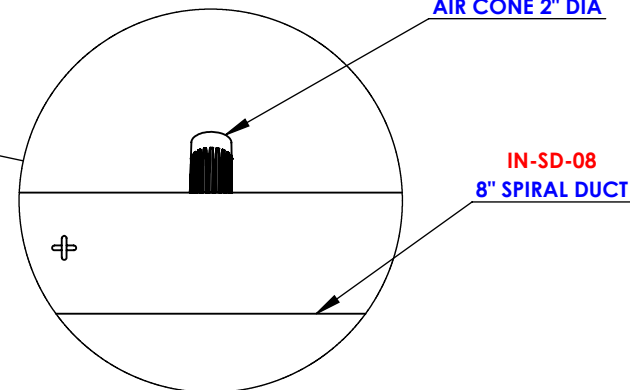


TEE-8x8x8  
TEE DUCT FITTING

AC10-2  
AIR CONE 2" DIA



L-8XX  
AIR PURIFIER MODULE WITH X  
DIFFUSION ARMS



IN-SD-08  
8" SPIRAL DUCT

### Notes:

- This is an optional layout that can be created with given dimensions of the room this unit is being installed in.
- The unit in this example is a quad arm air purifier module that can be switched out according to the customers liking (i.e. Singular arm unit, Dual arm unit, etc.)

CUSTOMER:  
CUSTOMER PO:  
PROJECT:  
ENGINEER:  
SALES REP:  
TAGGING:



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Weight: N/A

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(20-013) ICA "AJUSTABLE DIRECTION OUTLETS" WITH HEPA H14 FILTRATION

SPECIFICATION DRAWING

Drawing No: Sheet: 2 / 5  
File Name: (20-013) ICA ADJUSTABLE DIRECTION OUTLETS WITH HEPA H14 FILTRATION

# Models & Options

Part# Description

## Main System: Select an Air Purifier Module (Fan/Filter/Controls)

80 CFM per foot of table length

- ☐ L-843 COVID-ICA1/H-ADO1/700-HEPA fan/filter unit H14. 1 Outlet D.200/90. EC 1-phase, 220V,50/60Hz, 175W.H14(8m2)
- ☐ L-845 COVID-ICA2/H-ADO2/700-HEPA fan/filter unit H14. 2 Outlets D.160/90. EC 1-phase, 220V,50/60Hz, 350W.H14(8m2)
- ☐ L-847 COVID-ICA1/H-ADO1/1000-HEPA fan/filter unit H14. 1 Outlet D.200/90. EC 1-phase, 220V,50/60Hz, 175W.H14(13m2)
- ☐ L-849 COVID-ICA2/H-ADO2/1000-HEPA fan/filter unit H14. 2 Outlets D.200/90. EC 1-phase, 220V,50/60Hz, 350W.H14(13m2)
- ☐ L-851 COVID-ICA4/H-ADO4/1000-HEPA fan/filter unit H14. 4 Outlets D.160/90. EC 1-phase, 220V,50/60Hz, 350W.H14(13m2)

## Optional Replacement Washable Pre-Filter

- ☐ L-800 Replacement F5 Prefilter for COVID-ICA-700 Models.
- ☐ L-801 Replacement F5 Prefilter for COVID-ICA-1000 Models.

## Optional Replacement HEPA Filter

- ☐ L-802 Replacement HEPA filter coronavirus H14 (8m2) for COVID-ICA-700 Models. Certificate and Leak Test.
- ☐ L-803 Replacement HEPA filter coronavirus H14 (13m2) for COVID-ICA-1000 Models. Certificate and Leak Test.

## Optional Nozzle Diffuser

- ☐ NOZZLE-DIFFUSER-8 Round Nozzle Diffuser - 8 inch - Aluminium

## Optional Casters

- ☐ L-579 Casters 4x125mm for all air purifiers for COVID-ICA-700/1000 Models.

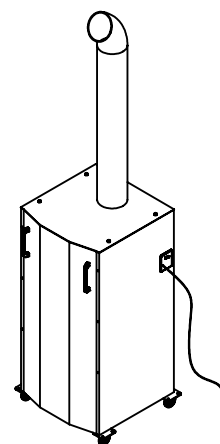
Part# Description

## Optional Custom Paint Upgrade

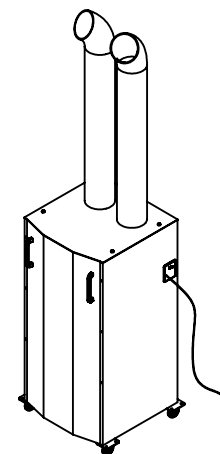
- ☐ CUSTOM-PAINT-UPGRADE COVID-ICA1/H-ADO1/700-HEPA fan/filter unit H14. 1 Outlet D.200/90. EC 1-phase, 220V,50/60Hz, 175W.H14(8m2)

## Optional Installation Accessories

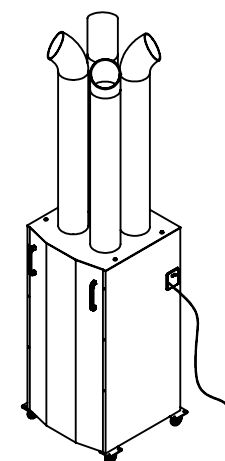
- ☐ AC10-2 Air cone with 2" diameter outlet for 10" diameter duct  
• Drill 2.5" diameter hole for mounting
- ☐ EC-COUP-8 8" dia. Duct Coupler
- ☐ IN-DSE-08-SS 8" dia. Stainless Steel Elbow
- ☐ IN-SD-08 8" dia. Spiral Duct (Galvanized), 26 GA
- ☐ TEE-8x8x8 TEE, 8x8x8



L-843/L-847



L-845/L-849



L-851

CUSTOMER:

CUSTOMER PO:

PROJECT:

ENGINEER:

SALES REP:

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(20-013) ICA "AJUSTABLE DIRECTION OUTLETS" WITH HEPA H14 FILTRATION

SPECIFICATION DRAWING

Drawing No: Sheet: 3 / 5

File Name: (20-013) ICA AJUSTABLE DIRECTION OUTLETS WITH HEPA H14 FILTRATION

# AIR PURIFIER MODULE SOUND LEVEL AND ACH

## SOUND LEVELS

### ICA-700 (400 CFM)

400 CFM	CFM	dB/A
700	420	59
400	240	53
300	180	49
200	120	44
150	90	39

### ICA-1000 (600 CFM)

600 CFM	CFM	dB/A
950	570	66
700	420	63
450	270	57
300	180	49
250	150	46
200	120	43

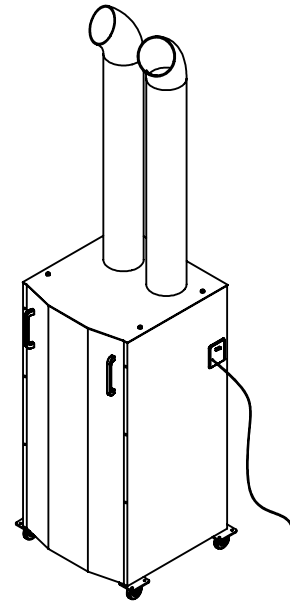
## ACH - AIR CHANGES PER HOUR

	ROOM AREA (ft^2)	ROOM VOLUME (ft^3) (8' CEILING HEIGHT)	CADR (CFM)	ACH WITHOUT K FACTOR	ACH WHEN ALLOWING FOR A K FACTOR OF 1.5
<b>400 CFM</b>	900	9000	400	2.7	1.8
<b>600 CFM</b>	900	9000	600	4.0	2.7

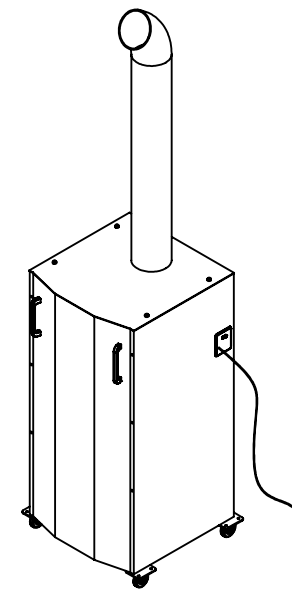
NB: CADR W/O DUCT, PERFORMANCE WILL BE LESS ONCE YOU ALLOW FOR FRICTION LOSSES IN THE DUCT

CADR = CLEAN AIR DELIVERY RATE

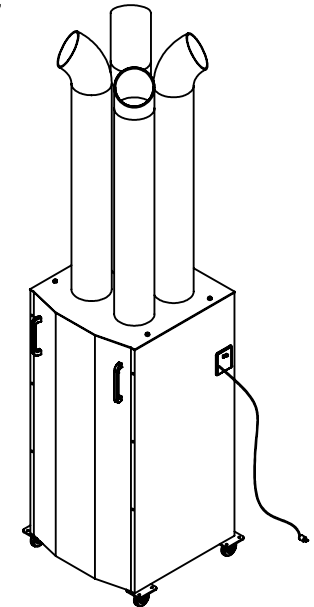
ACH = AIR CHANGES PER HOUR



**L-845/L-849**



**L-843/L-847**



**L-851**

CUSTOMER:

CUSTOMER PO:

PROJECT:

ENGINEER:

SALES REP:

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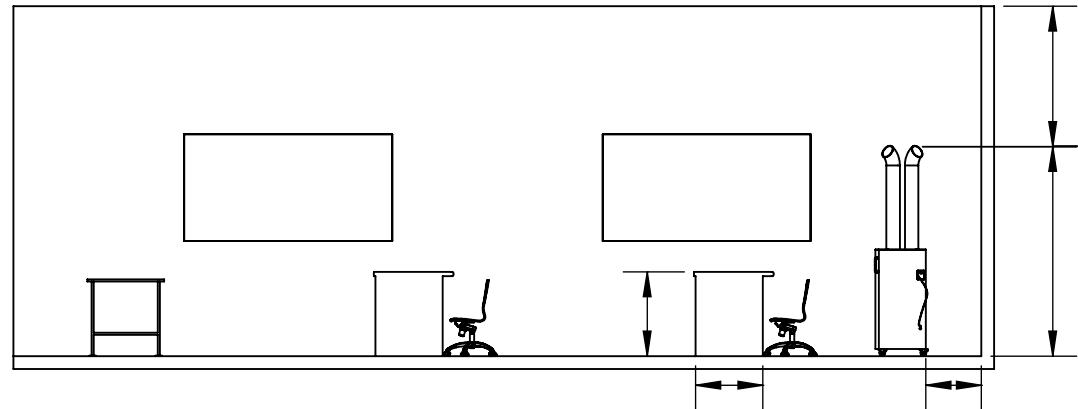
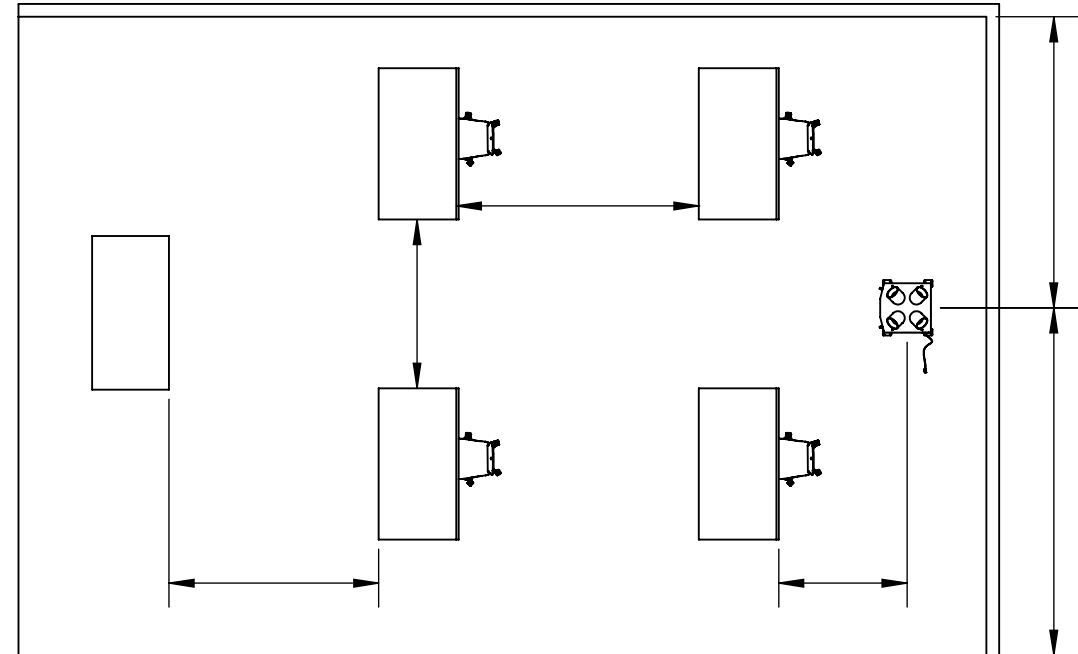
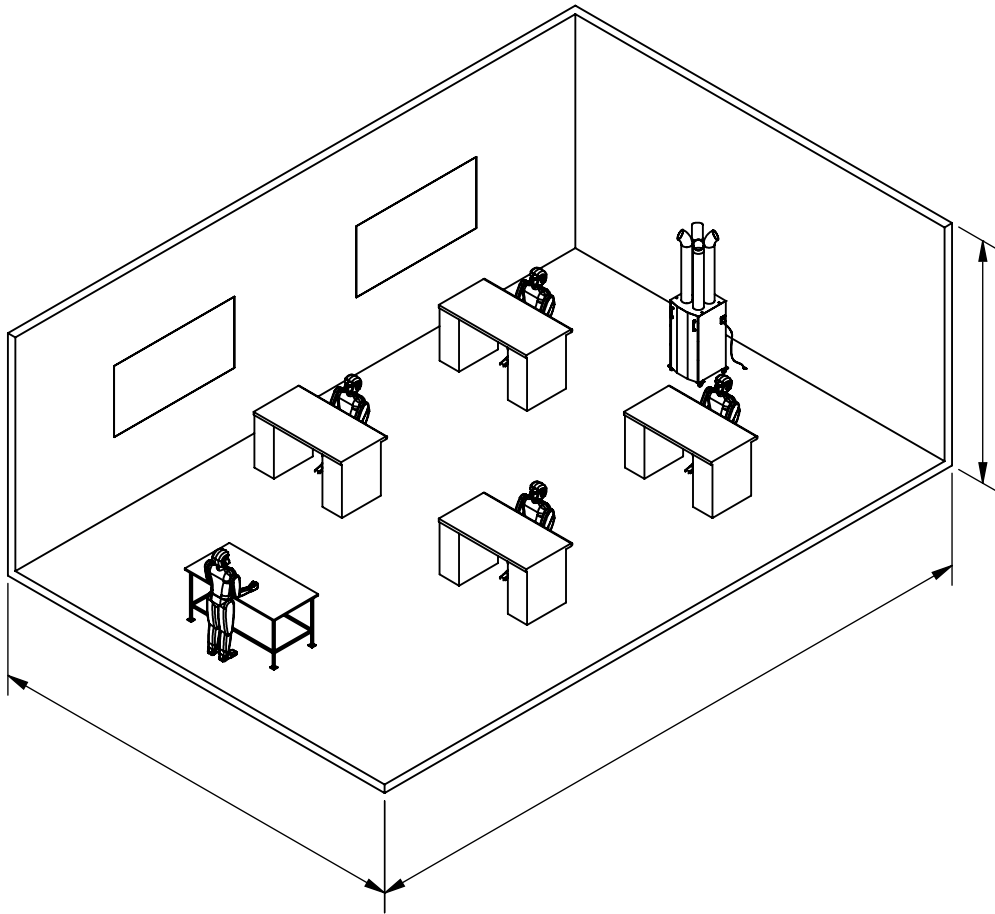
SPECIFICATION DRAWING

Drawing No: Sheet: 4 / 5

File Name: (20-013) ICA ADJUSTABLE DIRECTION OUTLETS WITH HEPA H14 FILTRATION

# Customer Dimensioning Template

Feel free to use this template to fill out all the dimensioning information of the room you are looking to install this unit in



CUSTOMER:  
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**(20-013) ICA "AJUSTABLE DIRECTION OUTLETS" WITH HEPA H14 FILTRATION**

SPECIFICATION DRAWING

Drawing No: Sheet: 5 / 5  
File Name: (20-013) ICA ADJUSTABLE DIRECTION OUTLETS WITH HEPA H14 FILTRATION