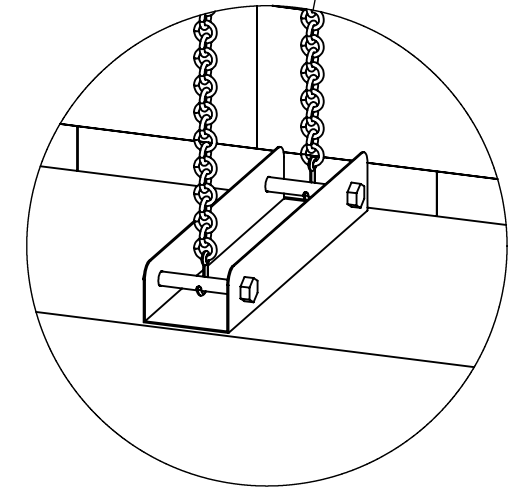
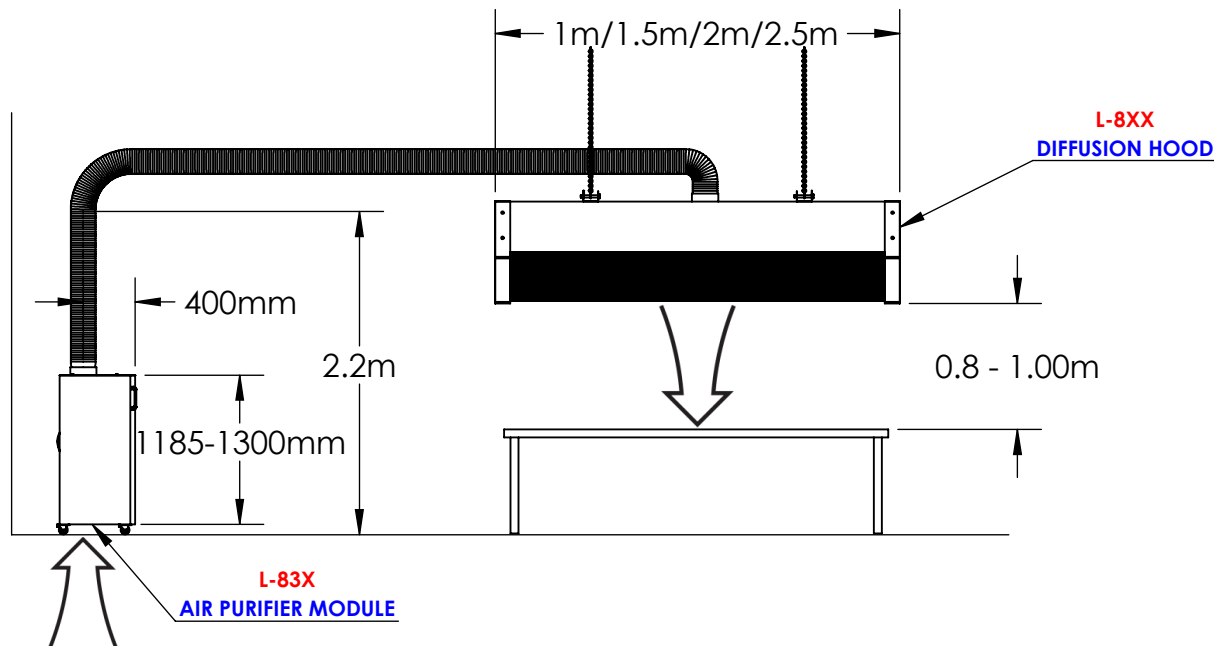
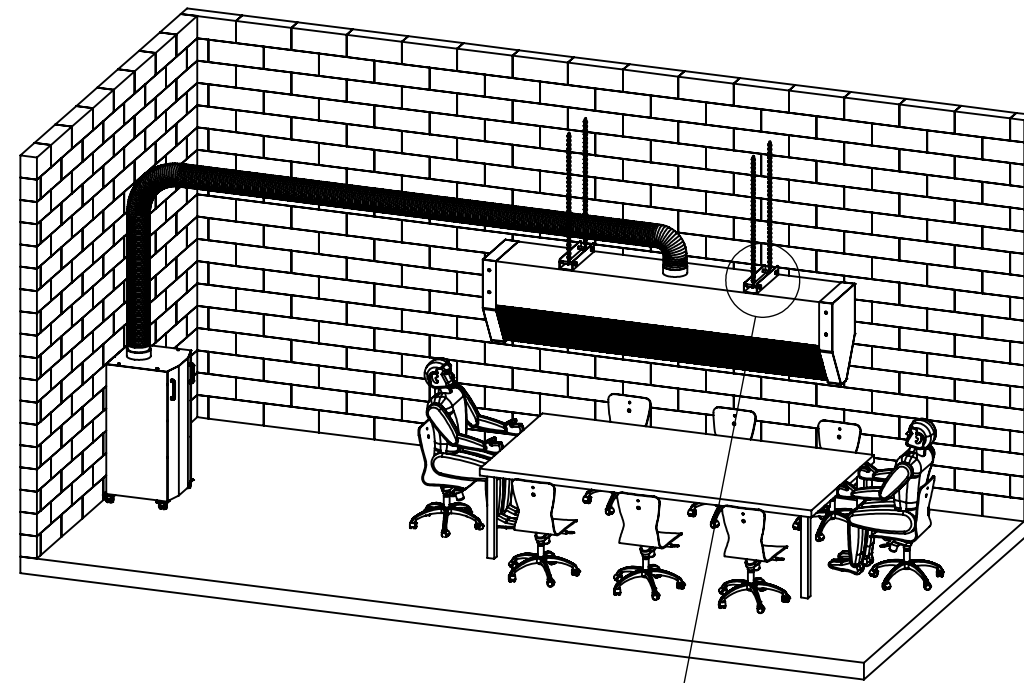
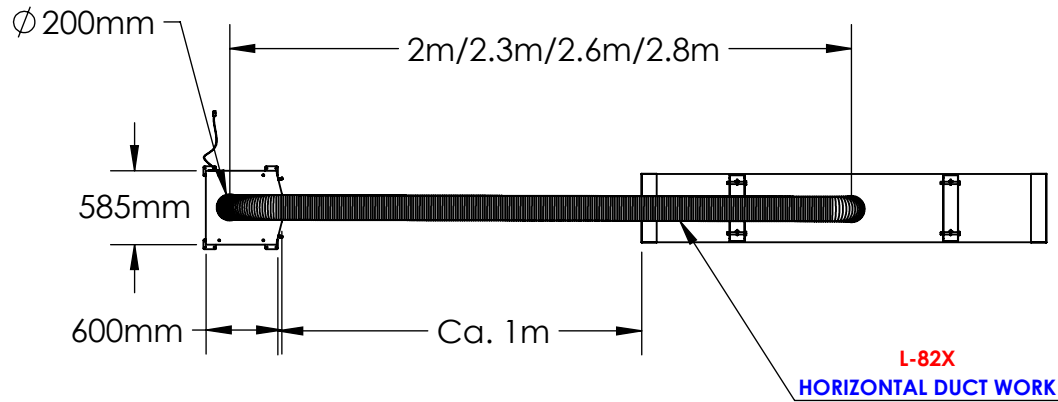


➔ = AIRFLOW DIRECTION



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



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Drawn By: Mark Fanous
Date: 2/4/2021
Scale: NTS
Weight: N/A

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(20-011) ICA "OVER TABLE HOOD" WITH H14 FILTRATION

SPECIFICATION DRAWING

Drawing No: Sheet: 1 / 4
File Name: (20-011) ICA OVER TABLE HOOD WITH H14 FILTRATION

Models & Options

Part #

Description

Step 1: Select an Air Purifier Module (Fan/Filter/Controls) 80 CFM per foot of table length

- ☐ ____ L-830 COVID-CBF1/700/2-Zone **700 m3/h (400 CFM)** FILTER UNIT. HEPA **H14(8M2)**. Vertical Duct D.200/**1.1m**. EC 1-phase, 120V, 60Hz, 175W.
- ☐ ____ L-831 COVID-CBF1/700/2-Zone **1000 m3/h (600 CFM)** FILTER UNIT. HEPA **H14(13M2)**. Vertical Duct D.200/**0.8m**. EC 1-phase, 120V, 60Hz, 175W.

Step 2: Select Diffusion Hood (should be the same length as the table length)

- ☐ ____ L-818 Diffusion Hood **1m (2 Persons)**. Inlet D.200, White Hose 0.5m/D.200, Suspension Chains 4x2m and 4+4 Hooks. White.
- ☐ ____ L-819 Diffusion Hood **1.5m (4 Persons)**. Inlet D.200, White Hose 0.5m/D.200, Suspension Chains 4x2m and 4+4 Hooks. White.
- ☐ ____ L-820 Diffusion Hood **2m (6 Persons)**. Inlet D.200, White Hose 0.5m/D.200, Suspension Chains 4x2m and 4+4 Hooks. White.
- ☐ ____ L-829 Diffusion Hood **2.5m (8 Persons)**. Inlet D.200, White Hose 0.5m/D.200, Suspension Chains 4x2m and 4+4 Hooks. White.

Step 3: Select Duct Kit (L=Distance from center of table to the unit)

- ☐ ____ L-824 Horizontal Duct work **L=2m**. 2 Bends 90/D.200, Duct D.200 (**0.8m+0.8m**), Suspension Chains 4x2m and 2+2 Hooks. White.
- ☐ ____ L-825 Horizontal Duct work **L=2.3 m**. 2 Bends 90/D.200, Duct D.200(**1.1m+0.8m**), Suspension Chains 4x2m and 2+2 Hooks. White.
- ☐ ____ L-826 Horizontal Duct work **L=2.6m**. 2 Bends 90/D.200, Duct D.200 (**1.1m+1.1m**), Suspension Chains 4x2m and 2+2 Hooks. White.
- ☐ ____ L-827 Horizontal Duct work **L=2.8m**. 2 Bends 90/200, Duct D.200 (**0.8m+0.8m+0.8m**), Suspension Chains 6x2m and 6+6 Hooks. White.

Step 4: Select Horizontal Extension Duct (ONLY required for L great than 2.8m)

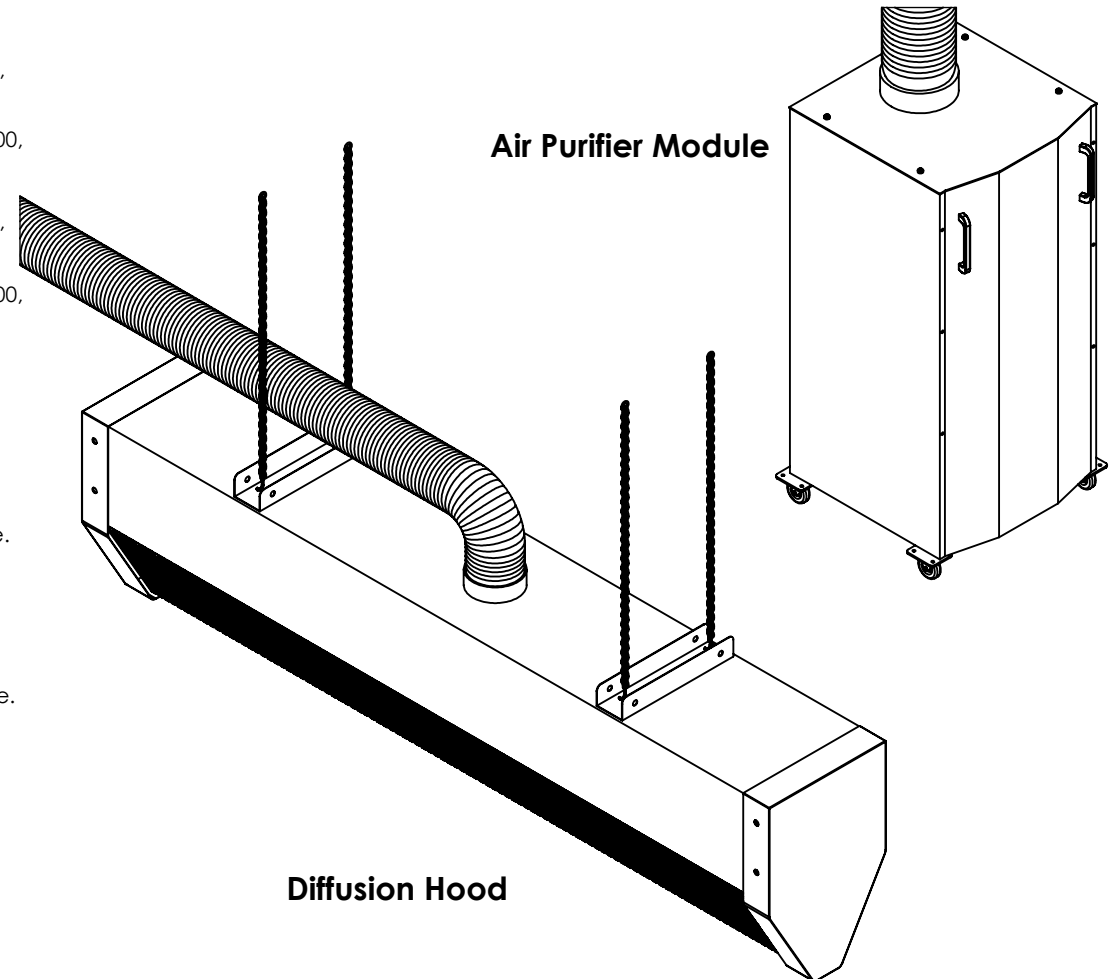
- ☐ ____ L-836 Horizontal Extension Duct **L=0.6m**/D.200, Male Coupling D.200, Suspension Chains 2x2m and 2+2 Hooks. White.
- ☐ ____ L-837 Horizontal Extension Duct **L=0.8m**/D.200, Male Coupling D.200, Suspension Chains 2x2m and 2+2 Hooks. White.
- ☐ ____ L-838 Horizontal Extension Duct **L=1.1m**/D.200, Male Coupling D.200, Suspension Chains 2x2m, 2+2 Hooks. White.

Part #

Description

Optional Replacement Hepa Filter

- ☐ ____ L-802 Replacement HEPA filter coronavirus H14 (**8M2**) for COVID-CBF-**700** Models. Certificate and Leak Test.
- ☐ ____ L-803 Replacement HEPA filter coronavirus H14 (**13m2**) for COVID-CBF-**1000** Models. Certificate and Leak Test.



Air Purifier Module

Diffusion Hood

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SPECIFICATION DRAWING

Drawing No: Sheet: 2 / 4

File Name: (20-011) ICA OVER TABLE HOOD WITH 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

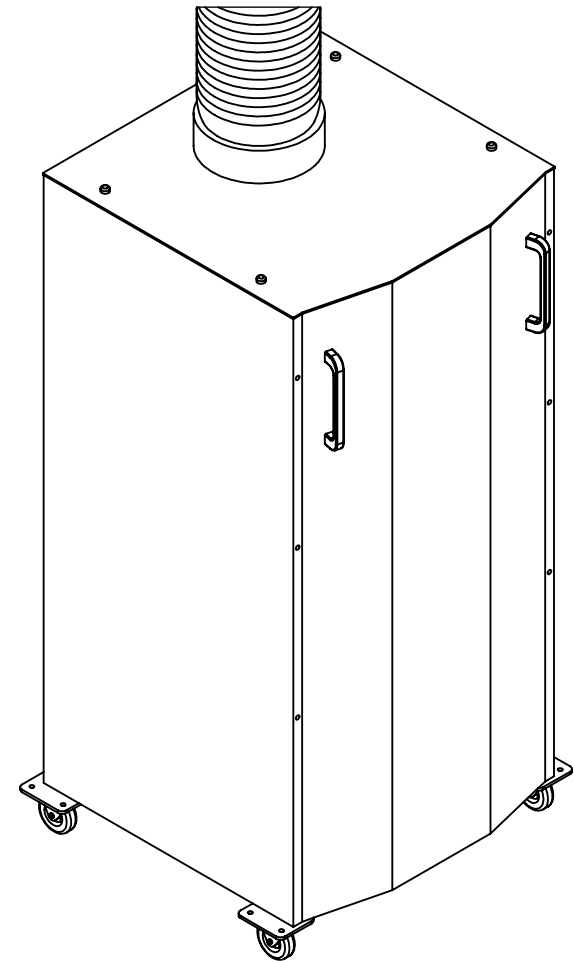
ACH - AIR CHANGES PER HOUR

	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
400 CFM	900	9000	400	2.7	1.8
600 CFM	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



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(20-011) ICA "OVER TABLE HOOD" WITH H14 FILTRATION

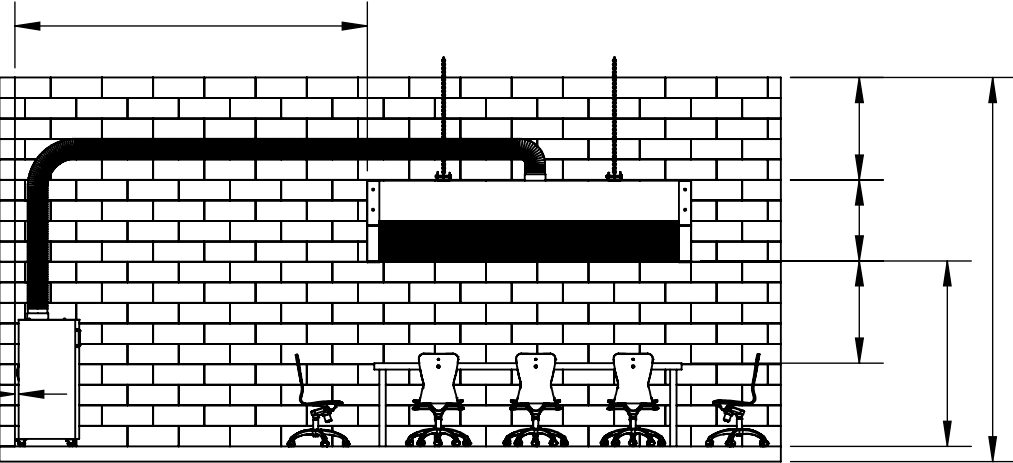
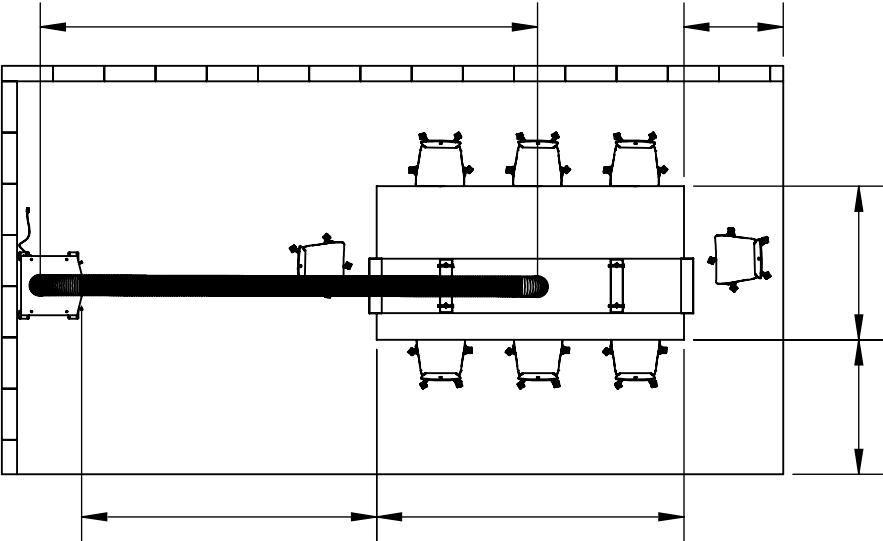
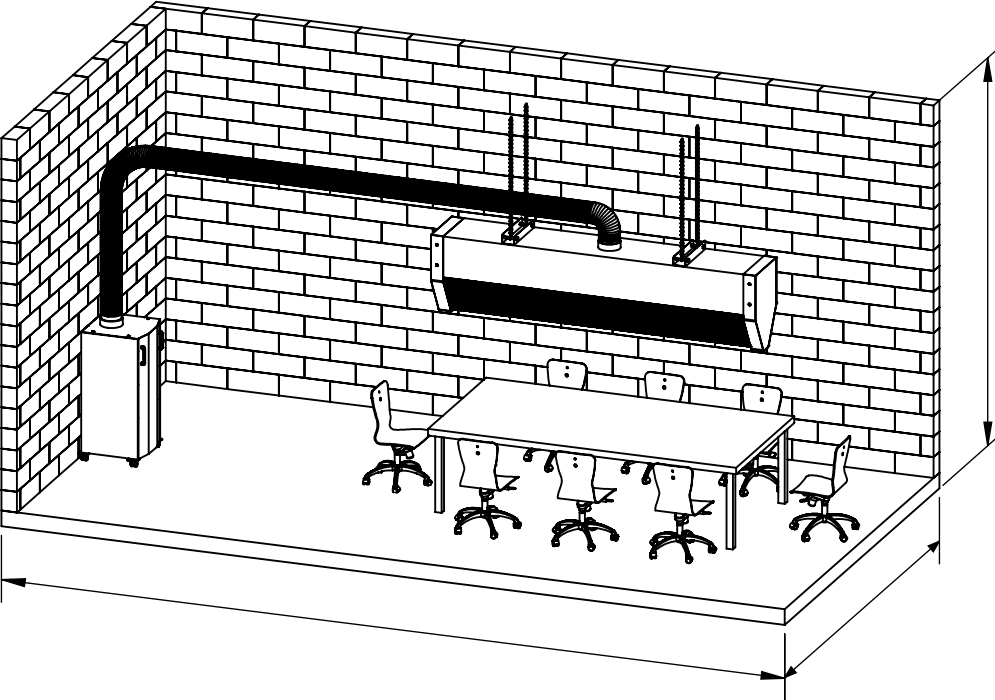
SPECIFICATION DRAWING

Drawing No: Sheet: 3 / 4

File Name: (20-011) ICA OVER TABLE HOOD WITH 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.



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SPECIFICATION DRAWING
Drawing No: Sheet: 4 / 4
File Name: (20-011) ICA OVER TABLE HOOD WITH H14 FILTRATION