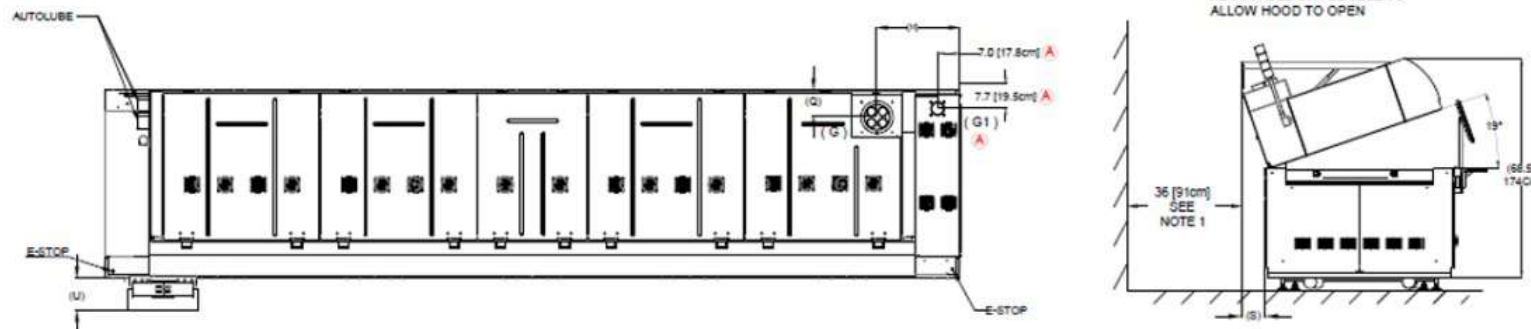


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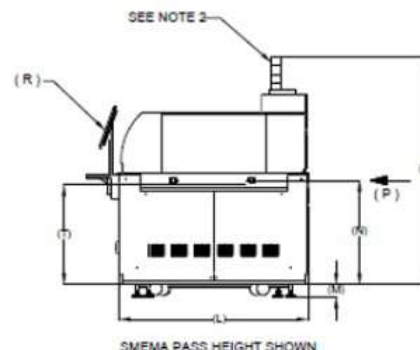
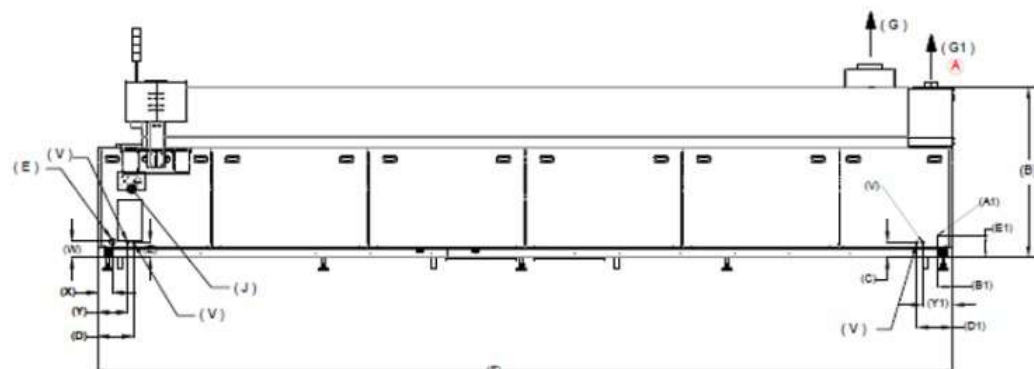
# REVISIONS LOG

| REV. | DATE      | ECN     | AUTH | DR   | CK  |
|------|-----------|---------|------|------|-----|
| A    | 1/28/2023 | ADD ECM |      | LLIU | NNI |



EXHAUST CONNECTION MUST BE  
REMOVABLE OR FLEXIBLE TO  
ALLOW HOOD TO OPEN

DIRECTION OF TRAVEL



SMEMA PASS HEIGHT SHOWN

| DIMENSION MODULE |          |         |                                                                                                            |  |
|------------------|----------|---------|------------------------------------------------------------------------------------------------------------|--|
| DIM              | US (in)  | SI (cm) | NOTE(S)                                                                                                    |  |
| A                | 70.8     | 180     | TO TOP OF SIGNAL LIGHT TOWER                                                                               |  |
| B                | 53       | 135     | TO TOP OF OVEN HOOD                                                                                        |  |
| C                | 6.1      | 15.6    | INTERFACE, BOTH ENDS (ON BACK)                                                                             |  |
| D                | 8.9      | 22.6    | INTERFACE, BOTH ENDS (ON BACK)                                                                             |  |
| E                |          |         | POWER LINE IN (ON BACK)                                                                                    |  |
| F                | 266.8    | 677.7   | OVERALL LENGTH OF OVEN                                                                                     |  |
| G                | 28.0     | 712.3   | EXHAUST: 550 CFM (15.6 m³/min)<br>120°C (248°F) MAXIMUM TEMPERATURE<br>FOR STANDARD BUILD OVEN             |  |
| G1               | 34.0     | 86.5    | EXHAUST: 150 CFM (4.25 m³/min)<br>120°C (248°F) MAXIMUM TEMPERATURE<br>FOR STANDARD BUILD OVEN (PER STACK) |  |
| H                | 28.0     | 69      | TO CENTER OF EXHAUST                                                                                       |  |
| J                |          |         | LOAD SWITCH (ON BACK)                                                                                      |  |
| L                | 63       | 160     | OVERALL DEPTH OF OVEN AT FEET                                                                              |  |
| M                | 5±2.5    | 13±6    | OVEN LEG ADJUSTMENT                                                                                        |  |
| N                | 32.5     | 83      | TO CENTER OF EDGE HOLD PIN                                                                                 |  |
| P                |          |         | CENTER OF EDGE HOLD PIN                                                                                    |  |
| Q                | 7.9      | 20      | TO CENTER OF EXHAUST                                                                                       |  |
| R                |          |         | MONITOR TRAY (SEE NOTE 2)                                                                                  |  |
| S                | 7.5      | 19      | OPEN HOOD CLEARANCE                                                                                        |  |
| T                |          |         | TO TOP OF MESH BELT                                                                                        |  |
| U                | 10.2     | 26      | KEYBOARD EXTENSION FROM FRAME                                                                              |  |
| V                |          |         | MACHINE INTERFACE (ON BACK)                                                                                |  |
| W                | 6.1      | 15.6    | POWER LINE IN (ON BACK)                                                                                    |  |
| X                | 14.1     | 35.8    | POWER LINE IN (ON BACK)                                                                                    |  |
| Y                | 7.4      | 18.8    | OPTIONAL INTERFACE (ON BACK)                                                                               |  |
| Z                | 6.1      | 15.6    | OPTIONAL INTERFACE (ON BACK)                                                                               |  |
| A1               | 1/4 BSPT |         | OPTIONAL CBS<br>AIR INLET 1 CFM (0.03 m³/hr) MAX<br>100 PSI (6.90 bar) MAX (ON BACK)                       |  |
| B1               | 7.4      | 18.8    | AIR INLET (ON BACK)                                                                                        |  |
| D1               | 14.8     | 37.6    | INTERFACE (ON BACK)                                                                                        |  |
| E1               | 6.6      | 16.9    | AIR INLET (ON BACK)                                                                                        |  |
| Y1               | 13.3     | 33.8    | OPTIONAL INTERFACE (ON BACK)                                                                               |  |

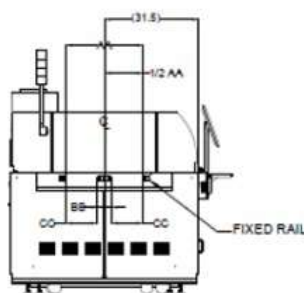
## COMMON BOARD WIDTHS SHOWN

| AA-SINGLE                | BB-STWN                   | CC-DUAL                    |
|--------------------------|---------------------------|----------------------------|
| BRD WIDTH<br>27" [686mm] | RAILS MIN<br>5.3" [140mm] | BRD WIDTH<br>16.7" [423mm] |

## NOTES:

1. INSTALL THE OVEN WITH AT LEAST (36in/91cm) CLEARANCE FROM THE WALL TO ALLOW FOR SERVICE AND MAINTENANCE (SEE SIDE VIEW)
2. MONITOR TRAY AND LIGHT TOWER MOUNTED ON ENTRANCE END OF MACHINE.
3. HOOD OPENS UP TO APPROX 19 DEG.
4. MAXIMUM CURRENT DRAW STANDARD, CE, ETL, USE COPPER WIRES SUITABLE FOR 75 DEG C, FACILITY MUST PROVIDE OVER CURRENT PROTECTION.
5. CONSULT MANUAL WITH REGARD TO SPRINKLER HEAD LOCATION
6. OVEN DOES NOT USE NEUTRAL, A NEUTRAL TERMINAL IS PROVIDED FOR FACILITY NEUTRAL WIRE TERMINATION ON CE MACHINES

| VOLTAGE | AMPERAGE (SEE NOTE 4)          | SERVICE CONDUCTOR SIZE |
|---------|--------------------------------|------------------------|
| 208-240 | 130 AMPS/PHASE                 | 2 AWG (35mm²)          |
|         | 100 AMPS/PHASE (ETL)           |                        |
| 380-480 | 100 AMPS/PHASE                 | 3 AWG (25mm²)          |
|         | 100 AMPS/PHASE (ETL)           |                        |
| 380-480 | 63 AMPS/PHASE (CE)             | 6 AWG (18mm²)          |
|         | 100 AMPS/PHASE (CE) (OPTIONAL) |                        |



REF:5901175-01

|                                                                                                                                                                                                                                                                                   |           |                                  |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------|------------------|
|                                                                                                                                                                                                                                                                                   |           | <b>HELLER INDUSTRIES INC</b>     |                  |
| THIRD ANGLE PROJECTION                                                                                                                                                                                                                                                            |           | FACIL, 2043MK7 3C AIR LR,34"     |                  |
| QUANTITY:                                                                                                                                                                                                                                                                         |           | DRAWN BY: LLIU                   | DATE: 01/14/2023 |
| SO. No:                                                                                                                                                                                                                                                                           |           | APPROVED BY: NNI                 | DATE: 01/19/2023 |
| COMP. DATE:                                                                                                                                                                                                                                                                       | NEXT ASSY | QTY                              | REVISION         |
| DIMENSIONS ARE IN INCHES<br>UNLESS OTHERWISE SPECIFIED<br>TOLERANCES ARE:<br>(2) DECIMAL PLACES: ±0.015<br>(3) DECIMAL PLACES: ±0.005<br>ANGULAR ±1°<br>BREAK ALL SHARP CORNERS (.005-.010)<br>TOLERANCE ZONE PROJECTION ± 1.000<br>ALL MACHINED SURFACES<br>DO NOT SCALE DRAWING |           | DRAWING NUMBER<br><b>4189759</b> |                  |
| SCALE                                                                                                                                                                                                                                                                             |           | CAD FILE:                        |                  |
|                                                                                                                                                                                                                                                                                   |           | SHEET 1 OF 1                     |                  |