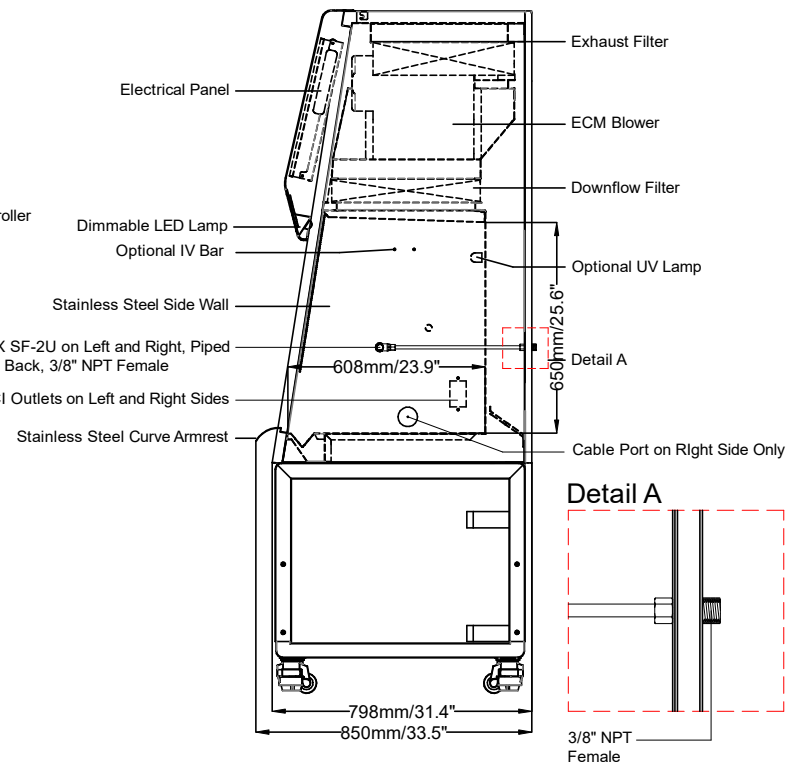
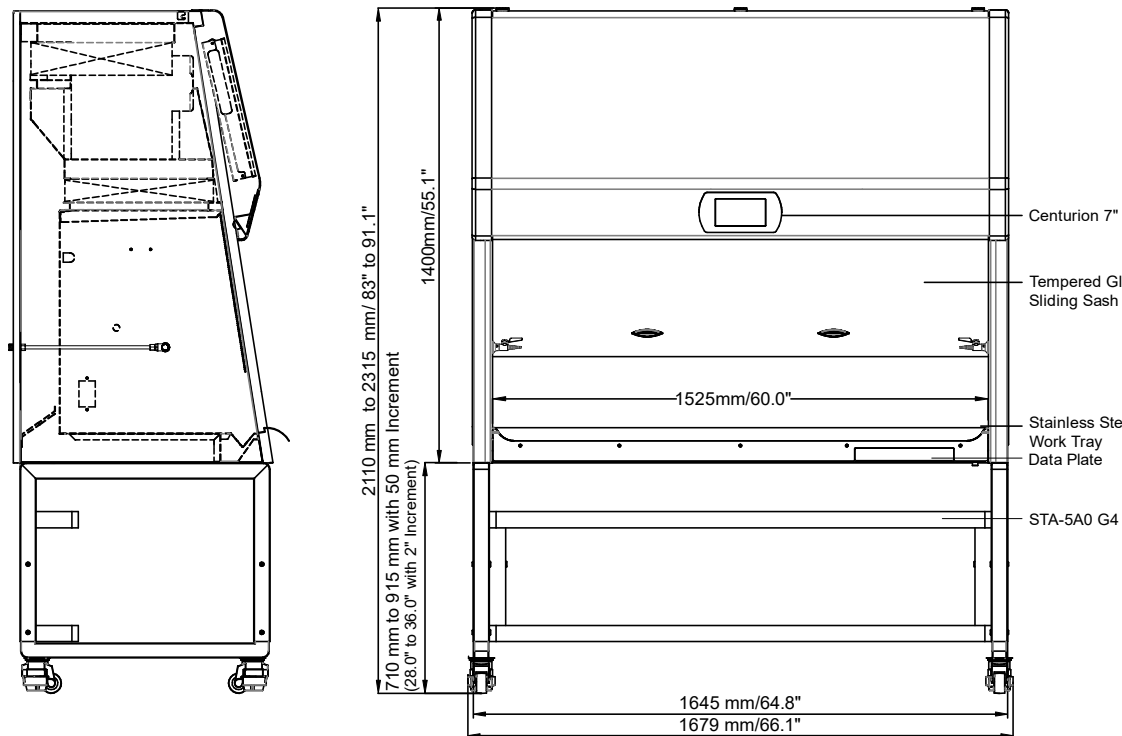
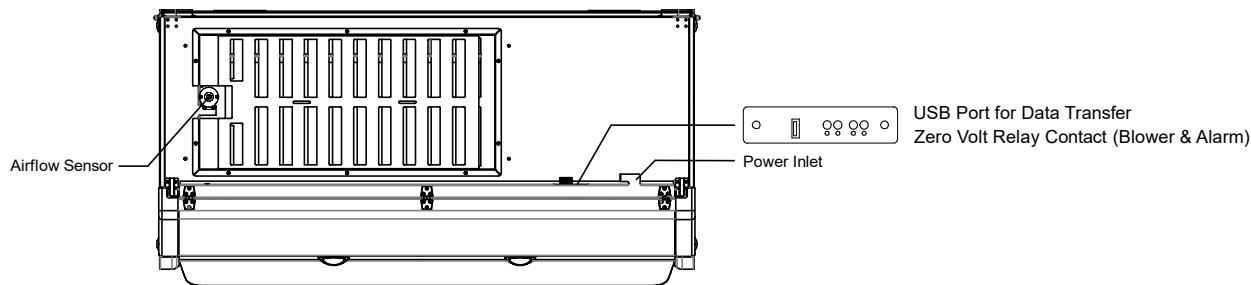


| MARK | REVISION              | DATE       | REV BY | ACC     |
|------|-----------------------|------------|--------|---------|
| A    | FIRST RELEASE DRAWING | 18/10/2022 | Firman | Indra S |



| GENERAL SPECIFICATION                    |                                                                                                                                                                                                         |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                                    | AC2-5S9-NS G4 with STA-5A0                                                                                                                                                                              |
| External Dimensions (WxDxH)              | 1645x850x1400 mm(64.8"x33.5"x55.1")                                                                                                                                                                     |
| External Dimensions with STA-5A0 (WxDxH) | 1679x850x2110-2315 mm(66.1"x33.5"x83"-91.1")                                                                                                                                                            |
| Gross Internal Dimensions (WxDxH)        | 1525x608x650 mm(60.0"x23.9"x25.6")                                                                                                                                                                      |
| Usable Work Area                         | 0.75 m² (8.1 sq.ft)                                                                                                                                                                                     |
| Working Opening                          | 203 mm (8")                                                                                                                                                                                             |
| Maximum Opening                          | 490 mm (19.3")                                                                                                                                                                                          |
| Filter Typical Efficiency                | >99.999% for particle size between 0.1 to 0.3 microns, per IEST-RP-CC001.3                                                                                                                              |
| Light Intensity (Dimmable)               | >1200 Lux (>111 foot-candles)                                                                                                                                                                           |
| Cabinet Construction                     | Main Body: 1.5 mm(0.06")16 gauge EG Steel With Isocide Oven-Baked Epoxy-Polyester Powder Coating<br>Work Zone: Stainless Steel 304, 48 Finish. Tray: 1.5mm(0.06")16 gauge. Walls: 1.5 mm(0.06")16 gauge |
| Electrical                               | Power Rating: 9<br>Inflow: 110-130 VAC, 50/60 Hz, 1Ø<br>Average Airflow Velocity: 0.53 ± 0.025 m/s (105 fpm ± 5 fpm)<br>Downflow: 0.30 ± 0.025 m/s (60 fpm ± 5 fpm)                                     |

| NOTES (PLEASE READ!)                                                                                                                                                                                                                                                                                                                                                                                                                     |  | THIRD ANGLE VIEW                                                                                                                                                                                                    |  | DIMENSION - MM / INCH                                                                                                                               |  | SCALE - NTS                                                            |  | REVISION           |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------|--|--------------------|--|
| Notes (PLEASE READ!)<br>- All drawings and specifications must be signed and approved by the end customer.<br>- The factory will not proceed with design and fabrication without the signature of approval.<br>- Contact ESCO immediately if there are any changes or clarifications needed.<br>- Design changes may result in pricing changes as well.<br>- Any requests of revisions after the final approval will not be entertained. |  | End Customer :<br><br>Stamp :<br><br>"These drawings and specifications are the exclusive property of Esco, issued in strict confidence and shall not, without the prior written permission of Esco, be reproduced" |  | DESCRIPTION : Airstream Class II, Biological Safety Cabinets (S-Series) Generation 4<br><br>PRODUCT : BIOLOGICAL SAFETY CABINET                     |  | GENERAL TOLERANCE : ± 5MM<br><br>ANGLE TOLERANCE : ± 3°<br><br>2011928 |  | A                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                     |  |                                                                                                                                                     |  |                                                                        |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                     |  |                                                                                                                                                     |  |                                                                        |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                     |  | Headquarters: Esco Micro Pte Ltd<br>21 Changi South Street 1<br>Singapore 486777<br>Tel: +65 65420833 Fax: +65 65420929<br>Web: www.esco-global.com |  | Indra S.<br>09/09/2023                                                 |  | Jolo<br>09/09/2023 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                     |  | Jolo<br>30/09/2020                                                                                                                                  |  | Firman<br>09/09/2023                                                   |  | 1/1                |  |