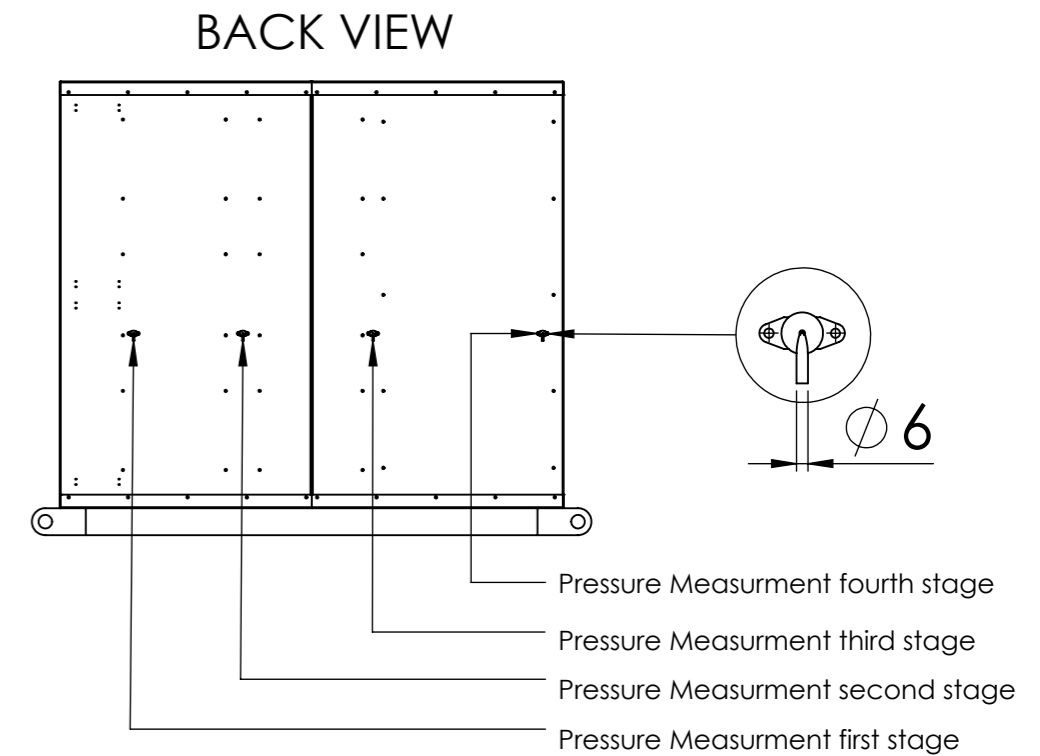
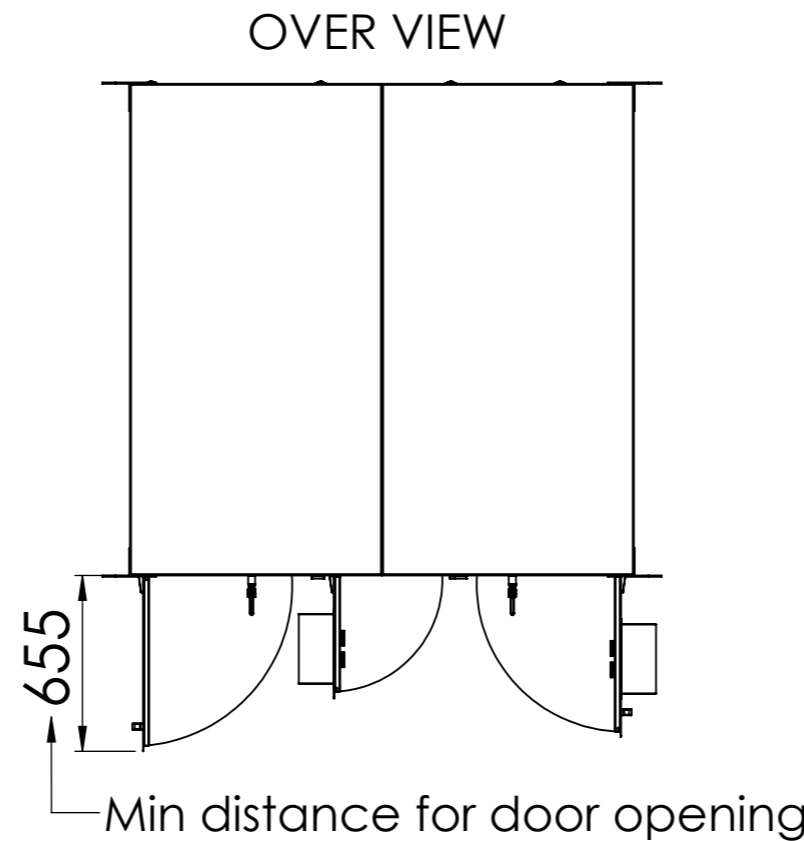
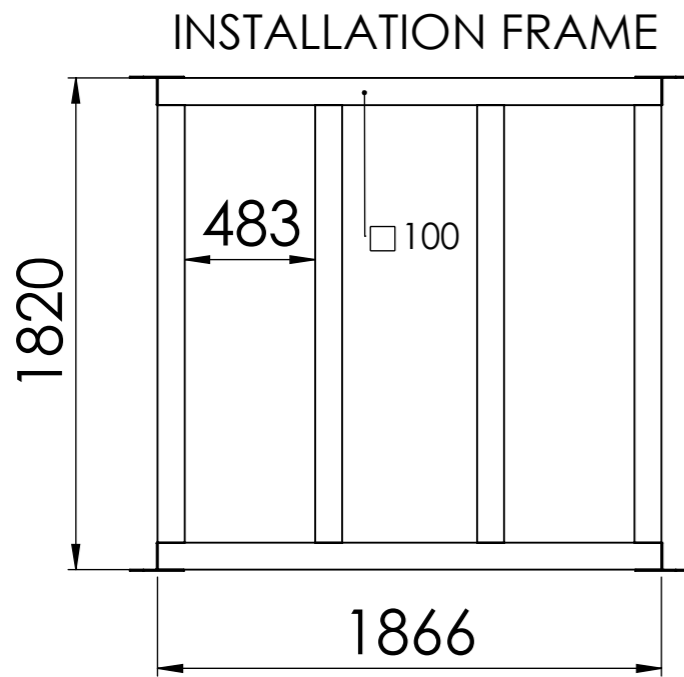
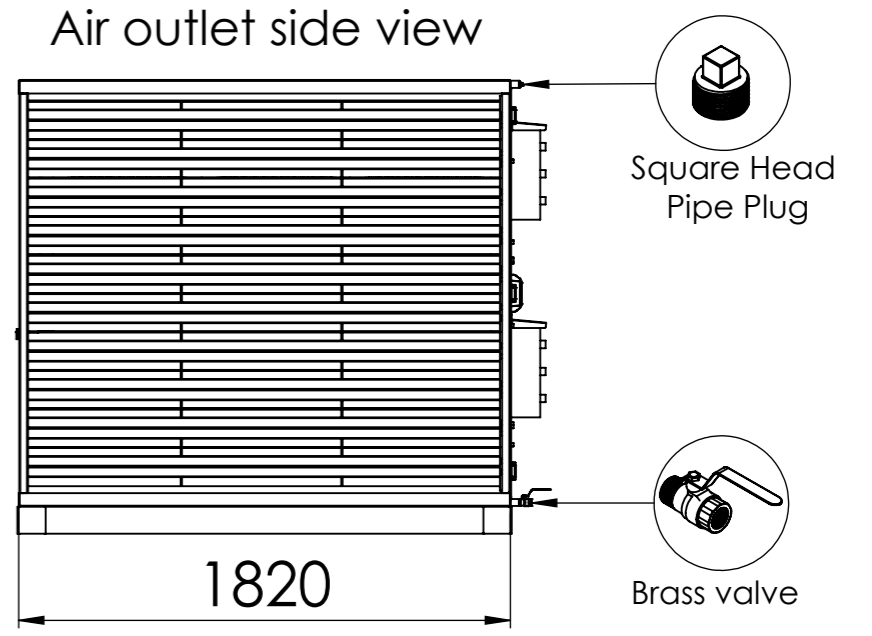
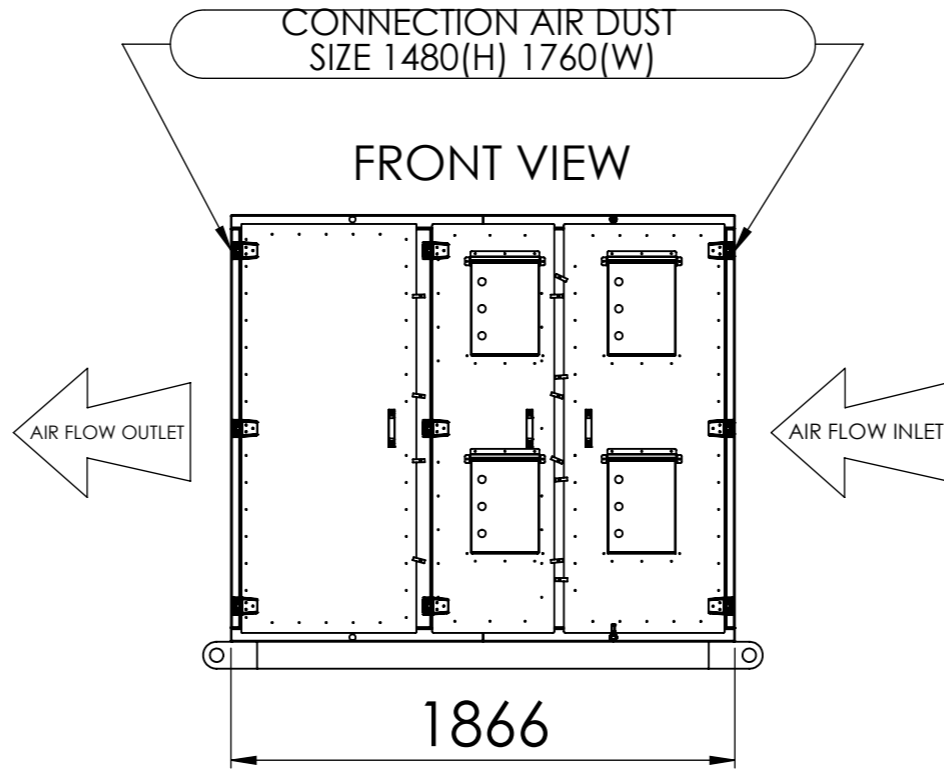
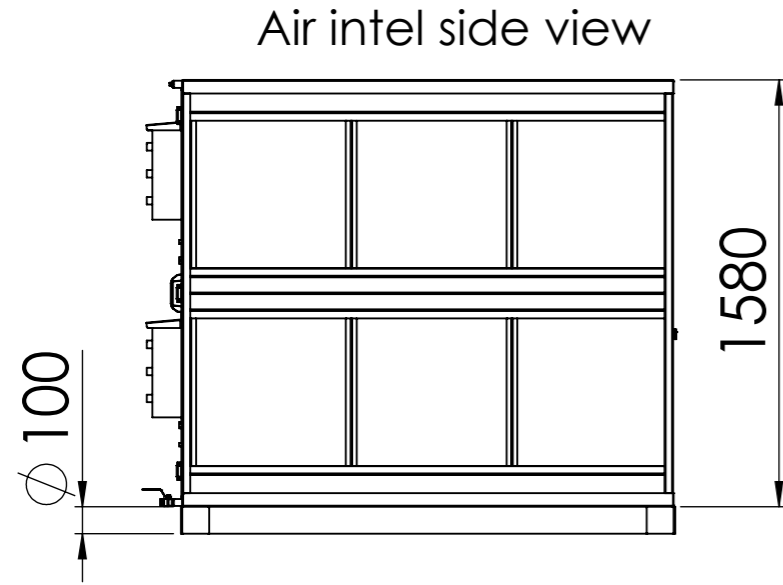


1. Panel Washable metal Filter [G2]
2. Amerglas syntetic Filter [G2]
3. Pleated Filer [G4]
4. Electrostatic precipitator collection cell (Double pass)
5. Activated Carbon Filter
6. Removable grease tray
7. EP Power supply
8. Base Frame (option upon request)
9. Weld on Lifting Lugs (option upon request)
10. Brass valve

| ITEM No.                 | Filter Type                   | Grade | Filter size | Reted Face Velocity (At FULL capacity) | Filter Flow capacity  | New Condition Resistance (Pa) | Final Condition (Pa) | Filter QTY | WEIGHT [kg] |
|--------------------------|-------------------------------|-------|-------------|--|-----------------------|-------------------------------|----------------------|------------|-------------|
| 1                        | Panel Washable Metal Filter   | G2    | 595x595x45  | 650 FPM<br>3.30 m/S                    | 2470 CFM<br>4200 m³/h | 5 Pa                          | 55 Pa                | 6          | 14.4        |
| 2                        | Amerglas Syntetic Filter      | G2    | 595x595x45  | 492 FPM<br>2.5 m/S                     | 1874 CFM<br>3186 m³/h | 75 Pa                         | 250 Pa               | 6          | 3           |
| 3                        | Pleated Filter                | G4    | 595x595x45  | 516 FPM<br>2.58 m/S                    | 1967 CFM<br>3344 m³/h | 69 Pa                         | 250 Pa               | 6          | 3           |
| 4                        | Electrostatic collection cell | N/A   | 550x480x340 | 4.85 m/S                               | 1823 CFM<br>3100 m³/h | 85 Pa                         | 105 Pa               | 12         | 156         |
| 5                        | Activated Carbon Filter       | N/A   | 595x595x30  | 51 FPM<br>0.26 m/S                     | 203 CFM<br>345 m³/h   | 55 Pa                         | 155 Pa               | 60         | 396         |
| Initial Pressure: 289 Pa |                               |       |             | Recommended final Pressure: 815 Pa     |                       | Total weight: 1115 [kg]       |                      |            |             |

|                            |             |                              |  |                            |  |
|----------------------------|-------------|------------------------------|--|----------------------------|--|
| Project NAME:              |             | Product Type: ABFU-360-S-2EP |  | Project Number:            |  |
|                            | NAME        | DATE                         | UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS GENERAL TOLERANCES: X±.5<br>X.X±0.2<br>X.XX±0.05<br>ANGULAR: ±1° | Product Name: Ecology UNIT |  |
| DRAFT                      | Andrey S    | 2/28/2024                    |  | Description: ABFU-SERIES   |  |
| DESIGNER                   | Andrey S    | 2/28/2024                    |  |                            |  |
| APPROVED                   | Luke Benet  | 2/28/2024                    |  |                            |  |
| CHECKED                    | Luke Benet  | 2/28/2024                    |  |                            |  |
| MATERIAL: Galvanized steel |             | WEIGHT: 543 [kg]             | FINISH: RAL-7024   |                            |  |
| TYPE: A3                   | SCALE: 1:15 | REVISION 04                  | SHEET 1 OF 2   |                            |  |





| ITEM No.                 | Filter Type                   | Grade | Filter size | Reted Face Velocity (At FULL capacity) | Filter Flow capacity  | New Condition Resistance (Pa) | Final Condition (Pa) | Filter QTY | WEIGHT [kg] |
|--------------------------|-------------------------------|-------|-------------|--|-----------------------|-------------------------------|----------------------|------------|-------------|
| 1                        | Panel Washable Metal Filter   | G2    | 595x595x45  | 650 FPM<br>3.30 m/S                    | 2470 CFM<br>4200 m³/h | 5 Pa                          | 55 Pa                | 6          | 14.4        |
| 2                        | Amerglas Syntetic Filter      | G2    | 595x595x45  | 492 FPM<br>2.5 m/S                     | 1874 CFM<br>3186 m³/h | 75 Pa                         | 250 Pa               | 6          | 3           |
| 3                        | Pleated Filter                | G4    | 595x595x45  | 516 FPM<br>2.58 m/S                    | 1967 CFM<br>3344 m³/h | 69 Pa                         | 250 Pa               | 6          | 3           |
| 4                        | Electrostatic collection cell | N/A   | 550x480x340 | 4.85 m/S                               | 1823 CFM<br>3100 m³/h | 85 Pa                         | 105 Pa               | 12         | 156         |
| 5                        | Activated Carbon Filter       | N/A   | 595x595x30  | 51 FPM<br>0.26 m/S                     | 203 CFM<br>345 m³/h   | 55 Pa                         | 155 Pa               | 60         | 396         |
| Initial Pressure: 289 Pa |                               |       |             | Recommended final Pressure: 815 Pa     |                       | Total weight: 1115 [kg]       |                      |            |             |

|               |                  |                                 |   |                               |  |
|---------------|------------------|---------------------------------|---|-------------------------------|--|
| Project NAME: |                  | Product Type:<br>ABFU-360-S-2EP |   | Project Number:               |  |
|               | NAME             | DATE                            | <small>UNLESS OTHERWISE SPECIFIED:<br/>DIMENSIONS ARE IN MILLIMETERS<br/>GENERAL TOLERANCES:<br/>X ±.5<br/>X.X ±0.2<br/>X.XX ±0.05<br/>ANGULAR: ±1°</small> | Product Name:<br>Ecology UNIT |  |
| DRAFT         | Andrey S         | 2/28/2024                       |   | Description:<br>ABFU-SERIES   |  |
| DESIGNER      | Andrey S         | 2/28/2024                       |   |                               |  |
| APPROVED      | Luke Benet       | 2/28/2024                       |   |                               |  |
| CHECKED       | Luke Benet       | 2/28/2024                       |   |                               |  |
| MATERIAL:     | Galvanized steel | WEIGHT: 543 [kg]                | FINISH: RAL-7024  |                               |  |
| TYPE: A3      | SCALE: 1:28      | REVISION 04                     | SHEET 2 OF 2  |                               |  |

