

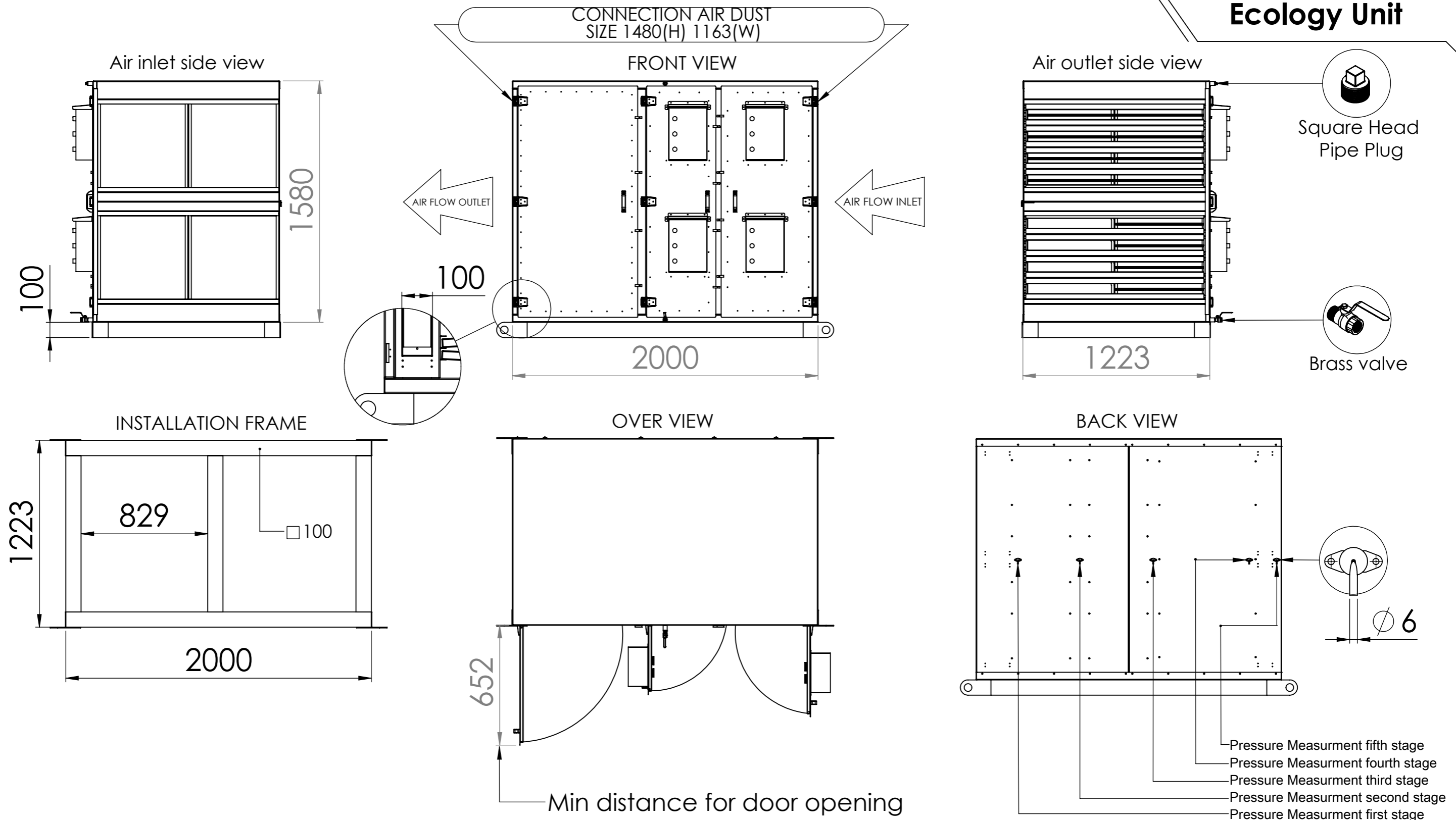
1. Panel Washable metal Filter [G2]
2. Amerglas syntetic Filter [G2]
3. Pleated Filer [G4]
4. Electrostatic precipitator collection cell (Double pass)
5. Panel Washable metal Filter [G2-95]
6. Activated Carbon Filter
7. Removable grease tray
8. EP Power supply
9. Base Frame(option upon request)
10. Weld on Lifting Lugs(option upon request)
11. Brass valve

ITEM No.	Filter Type	Grade	Filter size	Reted Face Velocity (At FULL capacity)	Flow capacity	New Condition Resistance (Pa)	Final Condition (Pa)	Filter QTY	WEIGHT [kg]
1	Panel Washable Metal Filter	G2	595x595x45	650 FPM 3.30 m/S	2470 CFM 4200 m³/h	5 Pa	55 Pa	4	9.6
2	Amerglas Syntetic Filter	G2	595x595x45	492 FPM 2.5 m/S	1874 CFM 3186 m³/h	75 Pa	250 Pa	4	2
3	Pleated Filter	G4	595x595x45	516 FPM 2.58 m/S	1967 CFM 3344 m³/h	69 Pa	250 Pa	4	2
4	Electrostatic collection cell	N/A	550x480x340	4.85 m/S	1823 CFM 3100 m³/h	85 Pa	105 Pa	8	104
5	Panel Washable Metal Filter	G2	595x595x95	650 FPM 3.30 m/S	2470 CFM 4200 m³/h	5 Pa	55 Pa	4	19
6	Activated Carbon Filter	N/A	595x595x30	51 FPM 0.26 m/S	203 CFM 345 m³/h	55 Pa	155 Pa	40	264
				Initial Pressure: 294 Pa	Recommended final Pressure: 930 Pa	Total weight: 774 [kg]			

Project NAME:		Product type: ABFU-240-S-2EP-FF		Project Number:	
	NAME	DATE	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS GENERAL TOLERANCES: X±.5 X.X±0.2 X.XX±0.05 ANGULAR: ±1°	Product Name: Ecology UNIT	
DRAFT	Andrey S	3/7/2024		Description: ABFU-SERIES	
DESIGNER	Andrey S	3/7/2024			
APPROVED	Luke Benet	3/7/2024			
CHECKED	Luke Benet	3/7/2024			
MATERIAL:	Galvanized steel	WEIGHT: 374 [kg]		FINISH: RAL-7024	
TYPE: A3	SCALE: 1:15	REVISION 04	SHEET 1 OF 2		



Ecology Unit



ITEM No.	Filter Type	Grade	Filter size	Rated Face Velocity (At FULL capacity)	Flow capacity	New Condition Resistance (Pa)	Final Condition (Pa)	Filter QTY	WEIGHT [kg]
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DESIGNER	Andrey S	3/7/2024			
APPROVED	Luke Benet	3/7/2024			
CHECKED	Luke Benet	3/7/2024			
MATERIAL:	Galvanized steel	WEIGHT: 374 [kg]		FINISH: RAL-7024	
TYPE: A3	SCALE: 1:25	REVISION 04	SHEET 2 OF 2		

