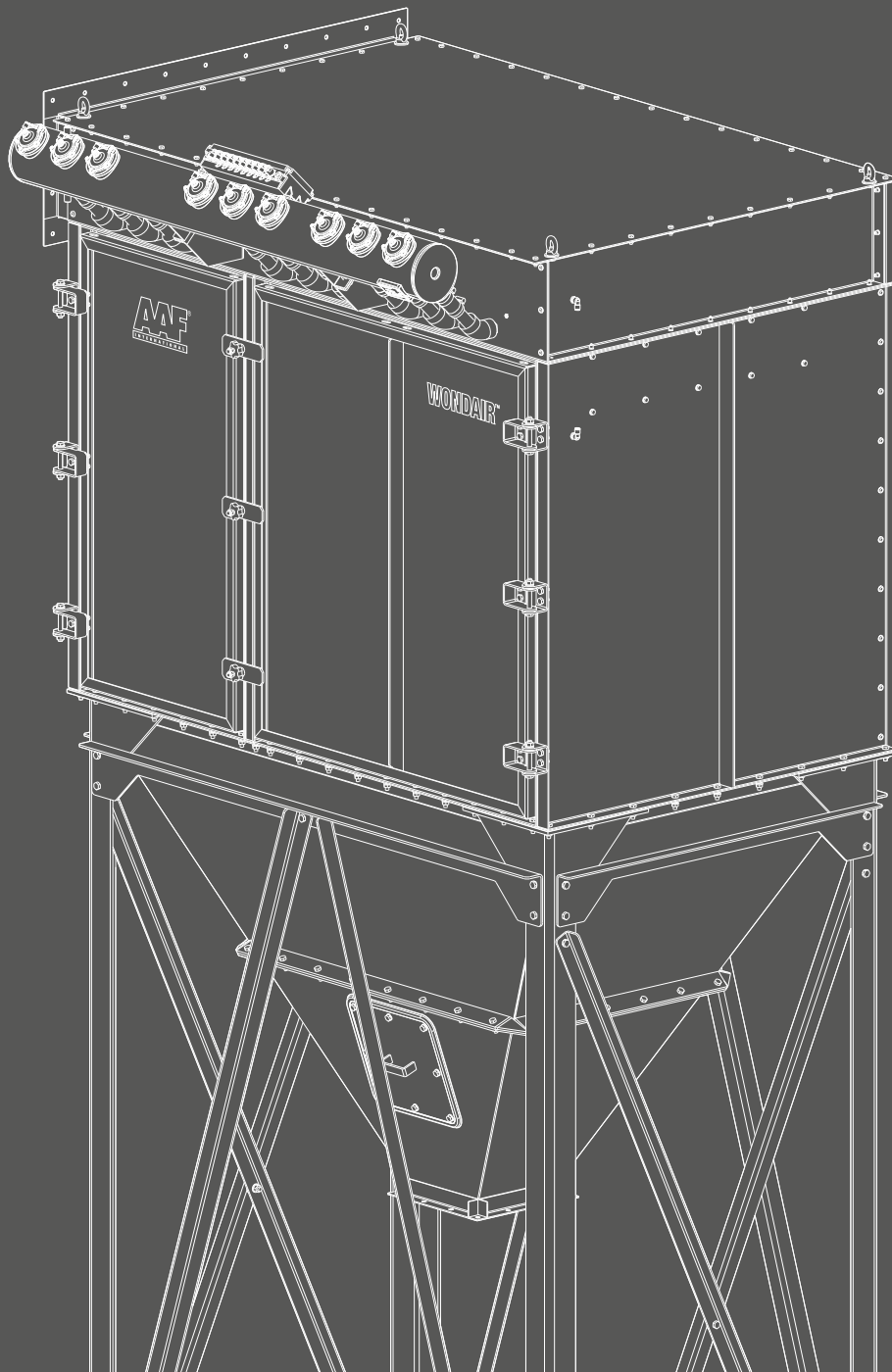


WONDAIR™ Mid

Datasheet



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Design | Engineering | Manufacturing | Maintenance | Spare Parts

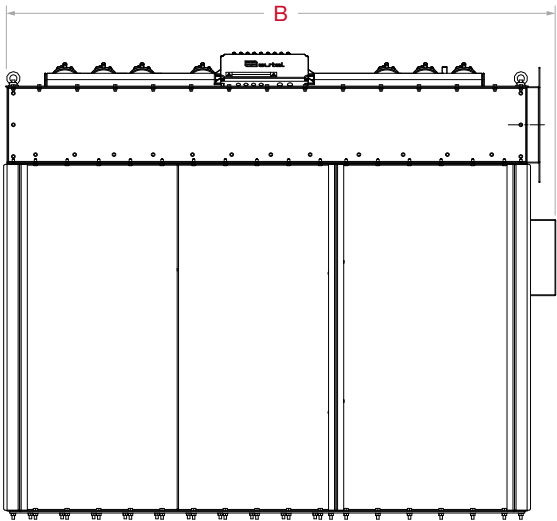
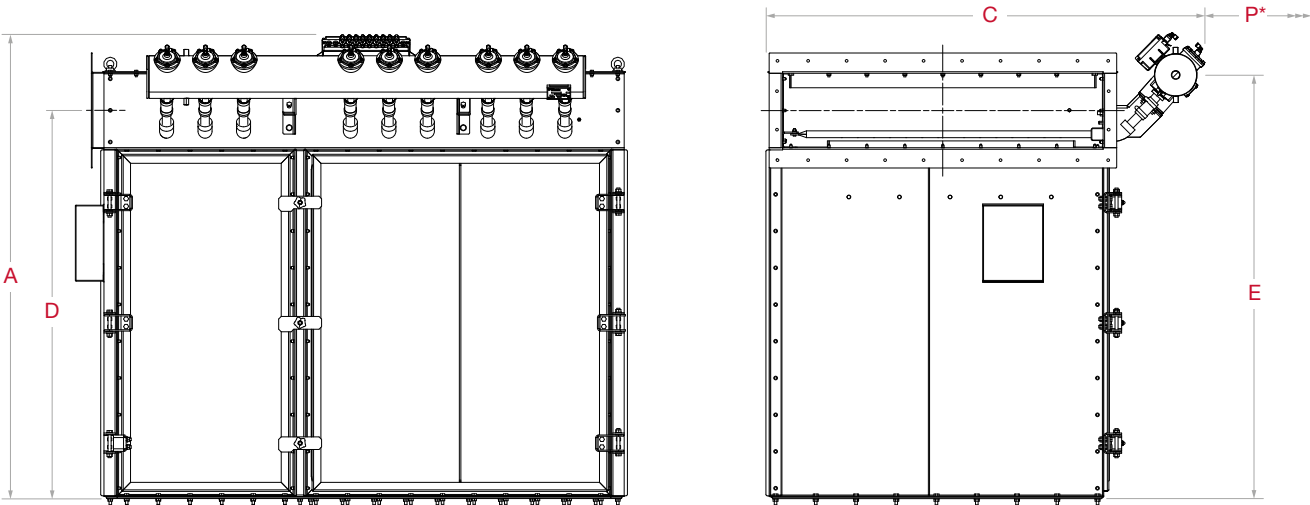
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WONDAIR™ Mid - Arrangement B

Side outlet



Rear view

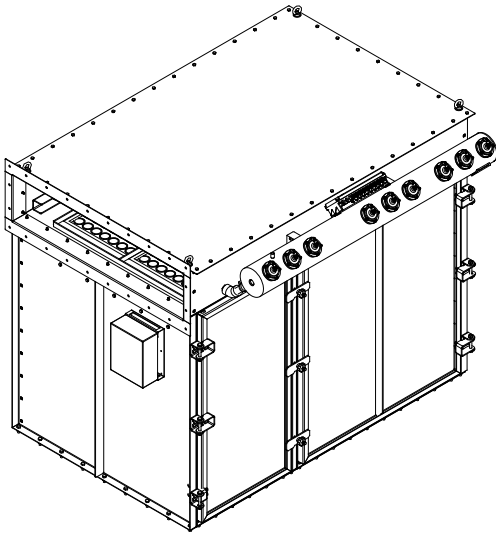


Illustration model:
WONDAIR™ Mid 4 252 B

4' Bags

Characteristics	Model		Model	
	4-168	4-252	4-336	4-420
No. of cassettes	4	6	8	10
Filtering surface (m²)	35.28	52.92	70.56	88.2

Dimensions	Model		Model	
	4-168	4-252	4-336	4-420
Height (mm)	A	1802	1802	1802
Width (mm)	B	1476	2181	3431
Length (mm)	C	1761	1761	1761
Height of Outlet Flange (mm)	D	1524	1524	1524
Cylinder height (mm)	E	1656	1656	1656
Number of doors	-	1	2	3
Maintenance distance (mm)	P*	1500	1500	1500

Weight	Model		Model	
	4-168	4-252	4-336	4-420
Weight (kg)	525	753	971	1146

6' Bags

Characteristics	Model		Model	
	6-168	6-252	6-336	6-420
No. of cassettes	4	6	8	10
Filtering surface (m²)	53.76	80.64	107.52	134.4

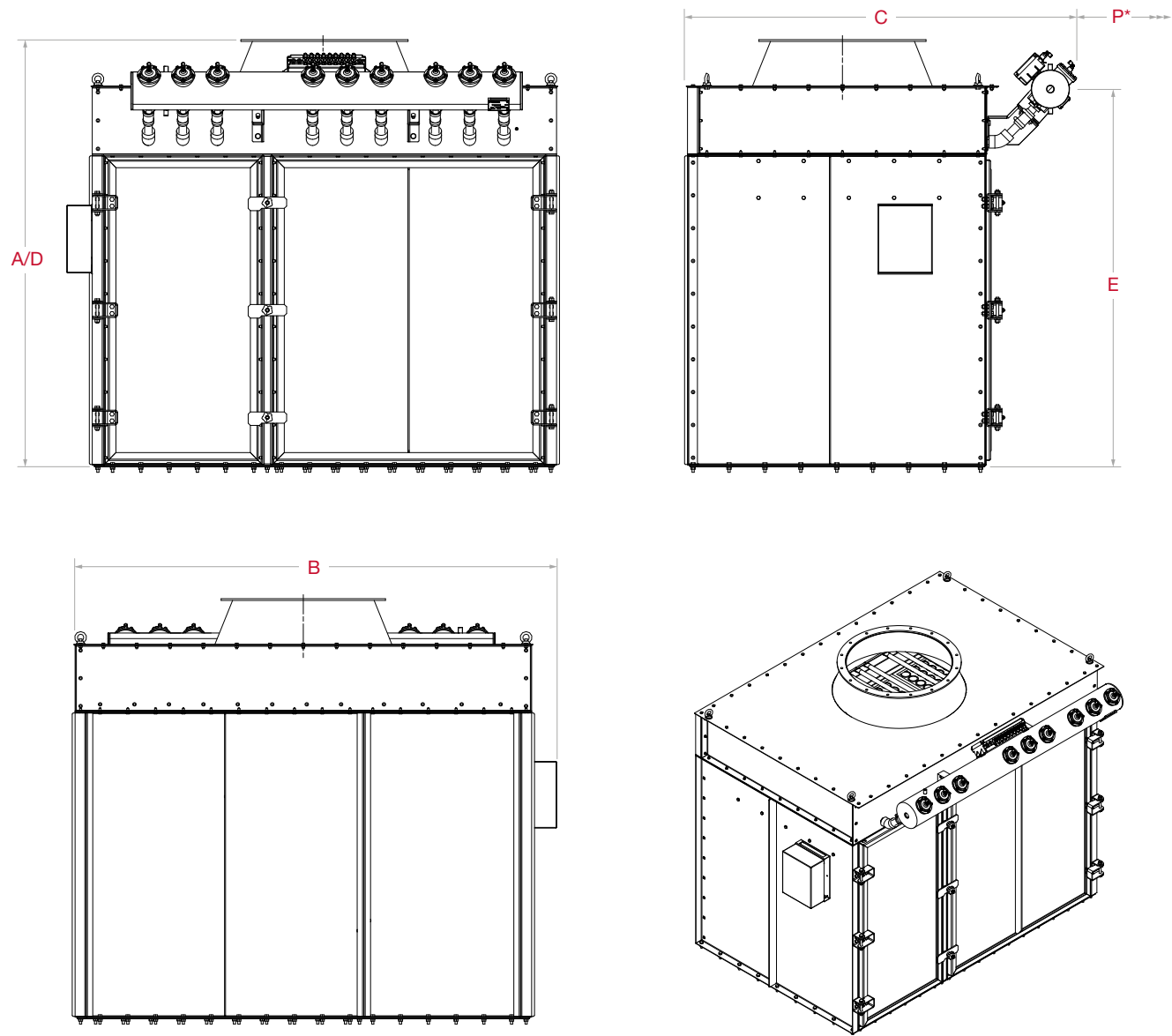
Dimensions	Model		Model	
	6-168	6-252	6-336	6-420
Height (mm)	A	2411	2411	2411
Width (mm)	B	1476	2181	3431
Length (mm)	C	1761	1761	1761
Height of Outlet Flange (mm)	D	2133	2133	2133
Cylinder height (mm)	E	2265	2265	2265
Number of doors	-	1	2	3
Maintenance distance (mm)	P*	1500	1500	1500

Weight	Model		Model	
	6-168	6-252	6-336	6-420
Weight (kg)	622	877	1118	1320

* P: Minimum maintenance distance. If space limitations exist, consult with AAF International.

WONDAIR™ Mid - Arrangement B

Top outlet



Rear view

Illustration model:
WONDAIR™ Mid 4 252 B

4' Bags

Characteristics	Model		Model	
	4-168	4-252	4-336	4-420
No. of cassettes	4	6	8	10
Filtering surface (m²)	35.28	52.92	70.56	88.2
Dimensions	Model		Model	
	4-168	4-252	4-336	4-420
Height (mm)	A 1885	1885	1885	1885
Width (mm)	B 1476	2181	2726	3431
Length (mm)	C 1761	1761	1761	1761
Height of Outlet Flange (mm)	D 1885	1885	1885	1885
Cylinder height (mm)	E 1656	1656	1656	1656
Number of doors	- 1	2	2	3
Maintenance distance (mm)	P* 1500	1500	1500	1500
Weight	Model		Model	
	4-168	4-252	4-336	4-420
Weight (kg)	534	761	980	1154

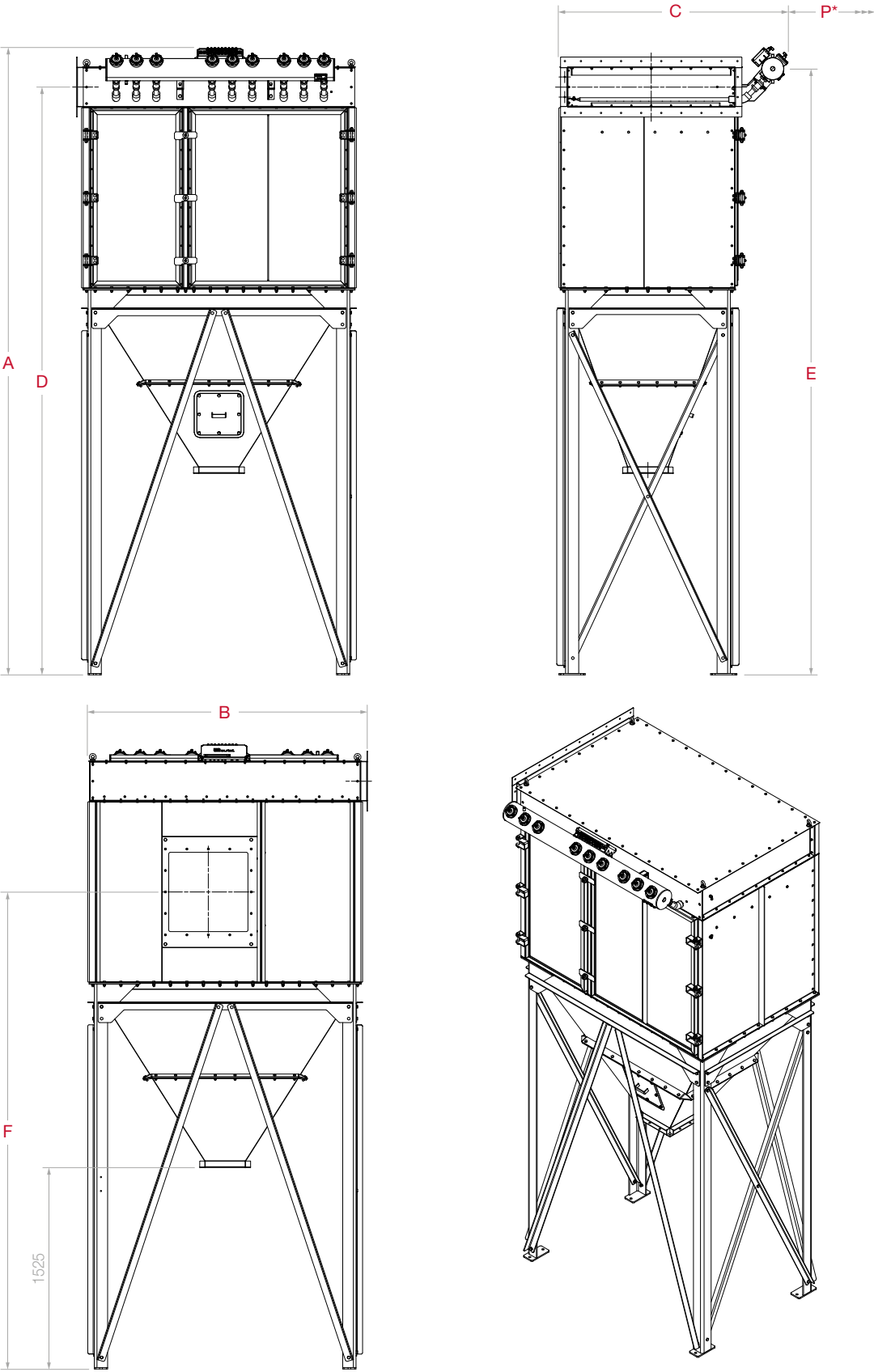
6' Bags

Characteristics	Model		Model	
	6-168	6-252	6-336	6-420
No. of cassettes	4	6	8	10
Filtering surface (m²)	53.76	80.64	107.52	134.4
Dimensions	Model		Model	
	6-168	6-252	6-336	6-420
Height (mm)	A 2494	2494	2494	2494
Width (mm)	B 1476	2181	2726	3431
Length (mm)	C 1761	1761	1761	1761
Height of Outlet Flange (mm)	D 2494	2494	2494	2494
Cylinder height (mm)	E 2265	2265	2265	2265
Number of doors	- 1	2	2	3
Maintenance distance (mm)	P* 1500	1500	1500	1500
Weight	Model		Model	
	6-168	6-252	6-336	6-420
Weight (kg)	631	885	1127	1328

* P: Minimum maintenance distance. If space limitations exist, consult with AAF International.

WONDAIR™ Mid - Arrangement C

Side outlet



Rear view

Illustration model:
WONDAIR™ Mid 4 252 C

4' Bags

Characteristics	Model		Model	
	4-168	4-252	4-336	4-420
No. of cassettes	4	6	8	10
Filtering surface (m²)	35.28	52.92	70.56	88.2

Dimensions	Model		Model	
	4-168	4-252	4-336	4-420
Height (mm)	A	4315	4730	4730
Width (mm)	B	1413	2118	3368
Length (mm)	C	1777	1777	1777
Height of Outlet Flange (mm)	D	4034	4449	4449
Cylinder height (mm)	E	4166	4581	4581
Height of Inlet Flange (mm)	F	3196	3611	3611
Number of doors	-	1	2	3
Maintenance distance (mm)	P*	1500	1500	1500

Weight	Model		Model	
	4-168	4-252	4-336	4-420
Weight (kg)	929	1229	1507	1807

6' Bags

Characteristics	Model		Model	
	6-168	6-252	6-336	6-420
No. of cassettes	4	6	8	10
Filtering surface (m²)	53.76	80.64	107.52	134.4

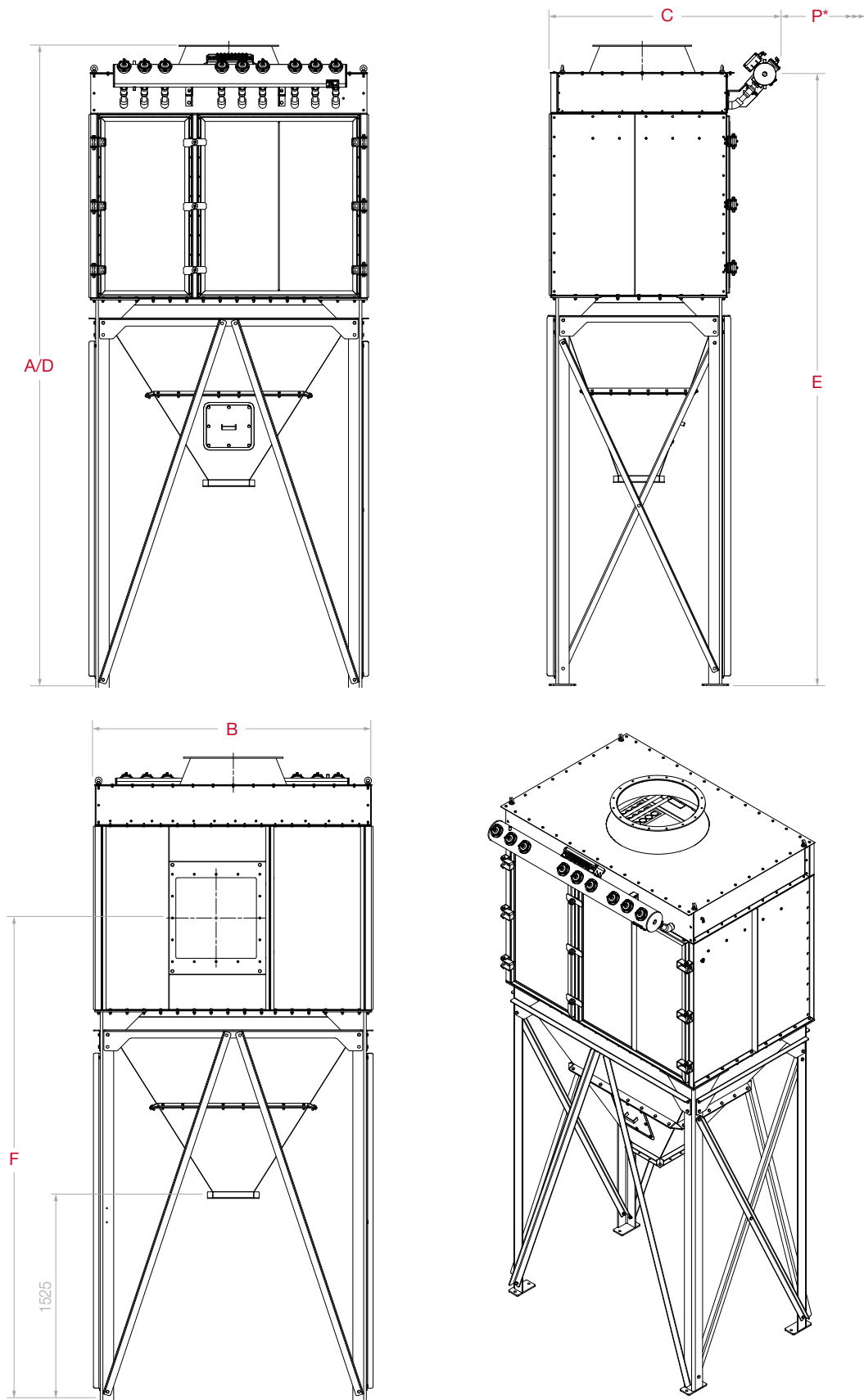
Dimensions	Model		Model	
	6-168	6-252	6-336	6-420
Height (mm)	A	4924	5339	5339
Width (mm)	B	1413	2118	3368
Length (mm)	C	1777	1777	1777
Height of Outlet Flange (mm)	D	4643	5058	5058
Cylinder height (mm)	E	4775	5190	5190
Height of Inlet Flange (mm)	F	3805	4220	4220
Number of doors	-	1	2	3
Maintenance distance (mm)	P*	1500	1500	1500

Weight	Model		Model	
	6-168	6-252	6-336	6-420
Weight (kg)	1035	1359	1672	1981

* P: Minimum maintenance distance. If space limitations exist, consult with AAF International.

WONDAIR™ Mid - Arrangement C

Top outlet



Rear view

Illustration model:
WONDAIR™ Mid 4 252 C

4' Bags

Characteristics	Model		Model	
	4-168	4-252	4-336	4-420
No. of cassettes	4	6	8	10
Filtering surface (m²)	35.28	52.92	70.56	88.2
Dimensions	Model		Model	
	4-168	4-252	4-336	4-420
Height (mm)	A 4392	4807	4807	4807
Width (mm)	B 1376	2081	2626	3331
Length (mm)	C 1777	1777	1777	1777
Height of Outlet Flange (mm)	D 4392	4807	4807	4807
Cylinder height (mm)	E 4166	4581	4581	4581
Height of Inlet Flange (mm)	F 3196	3611	3611	3611
Number of doors	- 1	2	2	3
Maintenance distance (mm)	P* 1500	1500	1500	1500
Weight	Model		Model	
	4-168	4-252	4-336	4-420
Weight (kg)	938	1237	1516	1797

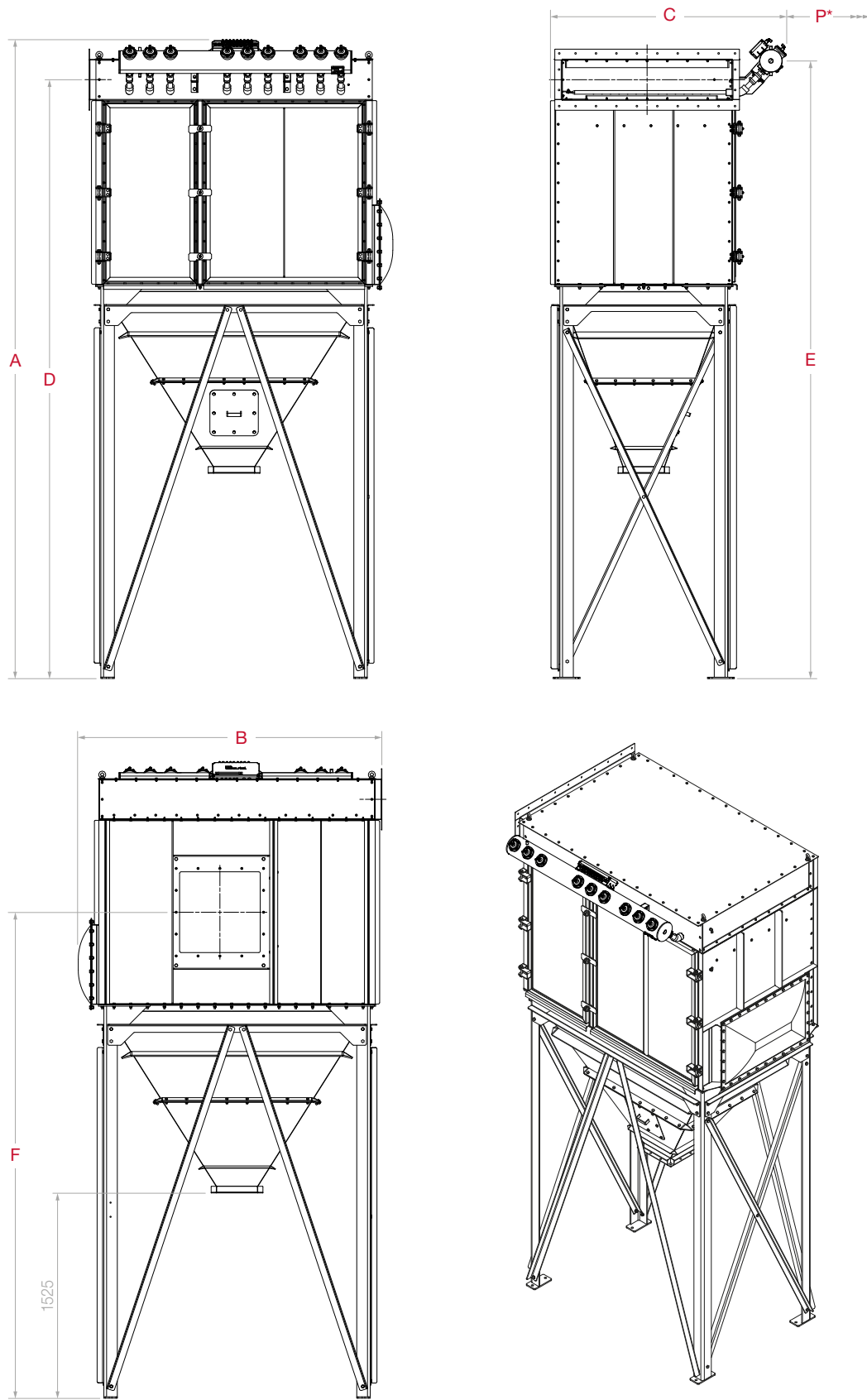
6' Bags

Characteristics	Model		Model	
	6-168	6-252	6-336	6-420
No. of cassettes	4	6	8	10
Filtering surface (m²)	53.76	80.64	107.52	134.4
Dimensions	Model		Model	
	6-168	6-252	6-336	6-420
Height (mm)	A 5001	5416	5416	5416
Width (mm)	B 1376	2081	2626	3331
Length (mm)	C 1777	1777	1777	1777
Height of Outlet Flange (mm)	D 5001	5416	5416	5416
Cylinder height (mm)	E 4775	5190	5190	5190
Height of Inlet Flange (mm)	F 3805	4220	4220	4220
Number of doors	- 1	2	2	3
Maintenance distance (mm)	P* 1500	1500	1500	1500
Weight	Model		Model	
	6-168	6-252	6-336	6-420
Weight (kg)	1046	1366	1683	1991

* P: Minimum maintenance distance. If space limitations exist, consult with AAF International.

WONDAIR™ Mid - Arrangement C ATEX

Side outlet



Rear view

Illustration model:
WONDAIR™ Mid 4 252 C ATEX

4' Bags

Characteristics	Model			
	4-168	4-252	4-336	4-420
No. of cassettes	4	6	8	10
Filtering surface (m²)	35.28	52.92	70.56	88.2

Dimensions	Model			
	4-168	4-252	4-336	4-420
Height (mm)	A 4315	4730	4730	4730
Width (mm)	B 1553	2258	2803	3508
Length (mm)	C 1781	1781	1781	1781
Height of Outlet Flange (mm)	D 4034	4449	4449	4449
Cylinder height (mm)	E 4166	4581	4581	4581
Height of Inlet Flange (mm)	F 3196	3611	3611	3611
Number of doors	- 1	2	2	3
Maintenance distance (mm)	P* 1500	1500	1500	1500

Weight	Model			
	4-168	4-252	4-336	4-420
Weight (kg)	1017	1341	1658	1971

6' Bags

Characteristics	Model			
	6-168	6-252	6-336	6-420
No. of cassettes	4	6	8	10
Filtering surface (m²)	53.76	80.64	107.52	134.4

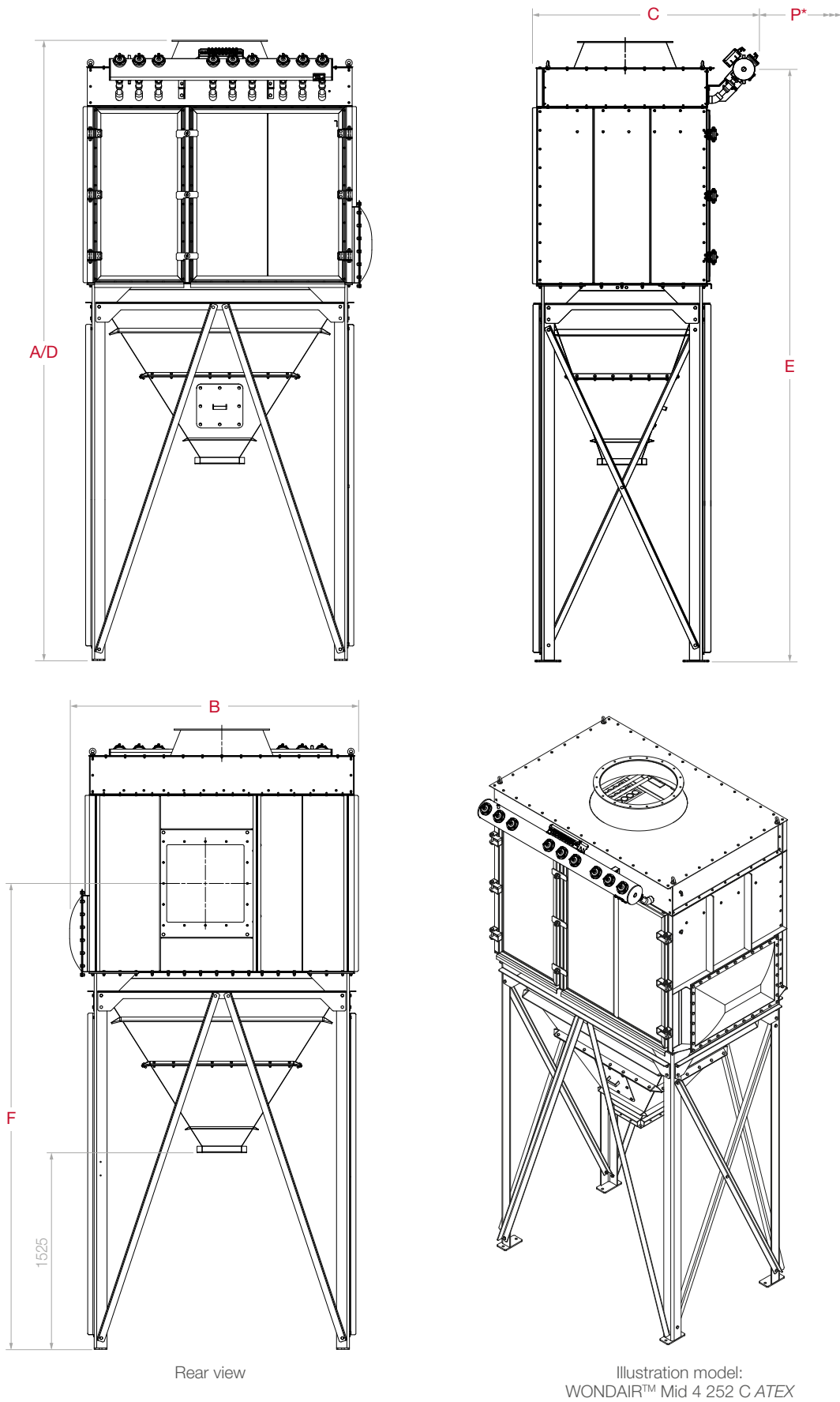
Dimensions	Model			
	6-168	6-252	6-336	6-420
Height (mm)	A 4924	5339	5339	5339
Width (mm)	B 1553	2258	2803	3508
Length (mm)	C 1781	1781	1781	1781
Height of Outlet Flange (mm)	D 4643	5058	5058	5058
Cylinder height (mm)	E 4775	5190	5190	5190
Height of Inlet Flange (mm)	F 3805	4220	4220	4220
Number of doors	- 1	2	2	3
Maintenance distance (mm)	P* 1500	1500	1500	1500

Weight	Model			
	6-168	6-252	6-336	6-420
Weight (kg)	1130	1482	1832	2173

* P: Minimum maintenance distance. If space limitations exist, consult with AAF International.

WONDAIR™ Mid - Arrangement C ATEX

Top outlet



4' Bags

Characteristics	Model			
	4-168	4-252	4-336	4-420
No. of cassettes	4	6	8	10
Filtering surface (m²)	35.28	52.92	70.56	88.2

Dimensions		Model			
		4-168	4-252	4-336	4-420
Height (mm)	A	4392	4807	4807	4807
Width (mm)	B	1549	2241	2799	3504
Length (mm)	C	1781	1781	1781	1781
Height of Outlet Flange (mm)	D	4392	4807	4807	4807
Cylinder height (mm)	E	4166	4581	4581	4581
Height of Inlet Flange (mm)	F	3196	3611	3611	3611
Number of doors	-	1	2	2	3
Maintenance distance (mm)	P*	1500	1500	1500	1500

Weight	Model			
	4-168	4-252	4-336	4-420
Weight (kg)	1044	1346	1664	1978

6' Bags

Characteristics	Model			
	6-168	6-252	6-336	6-420
No. of cassettes	4	6	8	10
Filtering surface (m²)	53.76	80.64	107.52	134.4

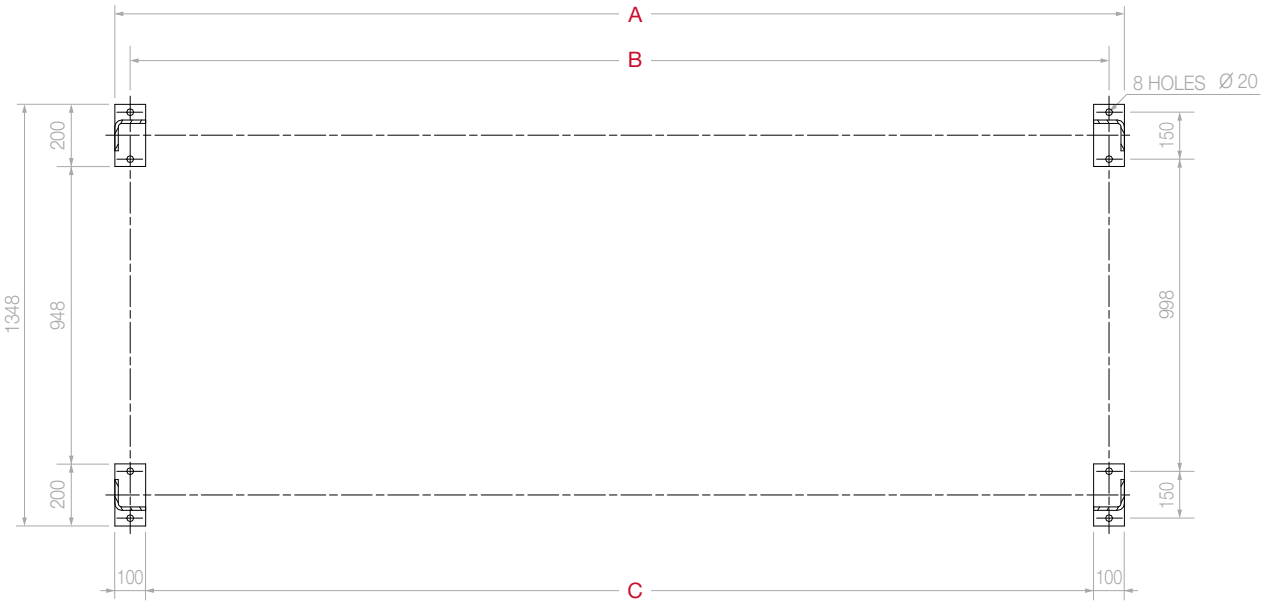
Dimensions		Model			
		6-168	6-252	6-336	6-420
Height (mm)	A	5001	5416	5416	5416
Width (mm)	B	1549	2241	2799	3504
Length (mm)	C	1781	1781	1781	1781
Height of Outlet Flange (mm)	D	5001	5416	5416	5416
Cylinder height (mm)	E	4775	5190	5190	5190
Height of Inlet Flange (mm)	F	3805	4220	4220	4220
Number of doors	-	1	2	2	3
Maintenance distance (mm)	P*	1500	1500	1500	1500

Weight	Model			
	6-168	6-252	6-336	6-420
Weight (kg)	1138	1486	1837	2180

* P: Minimum maintenance distance. If space limitations exist, consult with AAF International.

Structure

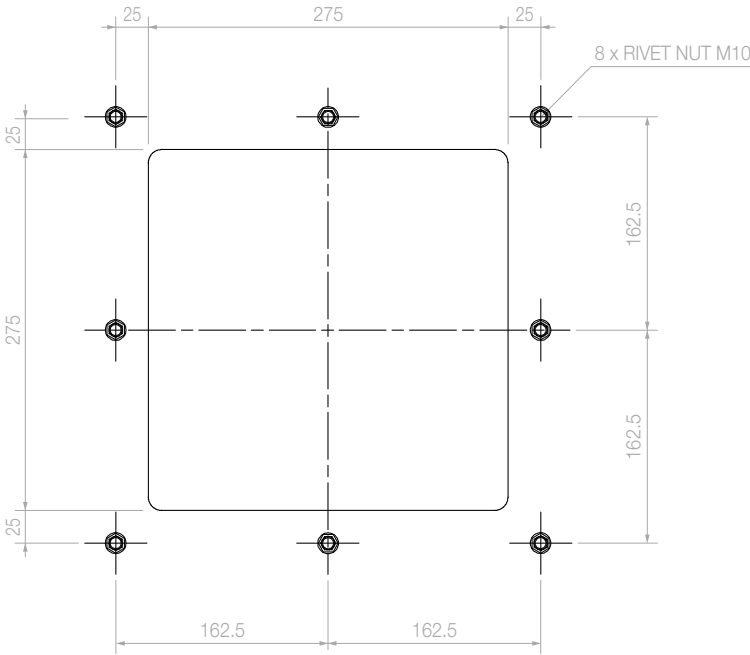
WONDAIR™ Mid - Standard and ATEX models



	Dimensions (mm)			
	4-168 6-168	4-252 6-252	4-336 6-336	4-420 6-420
A	1276	1981	2526	3231
B	1176	1881	2426	3131
C	1076	1781	2326	3031

Inlet flanges

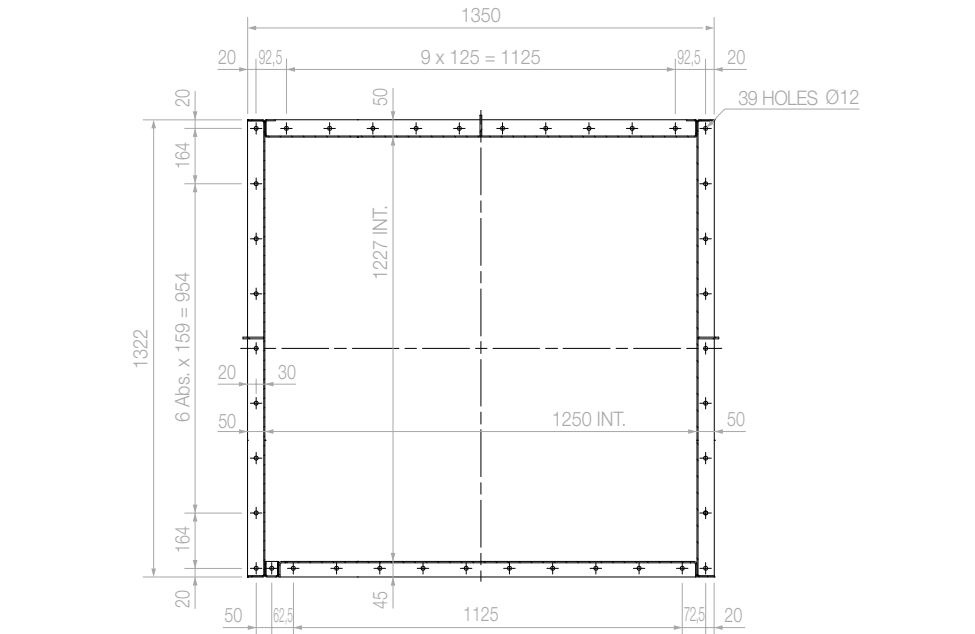
WONDAIR™ Mid - Arrangement C



Models
4-168
6-168
4-252
6-252
4-336
6-336
4-420
6-420

Connection flanges

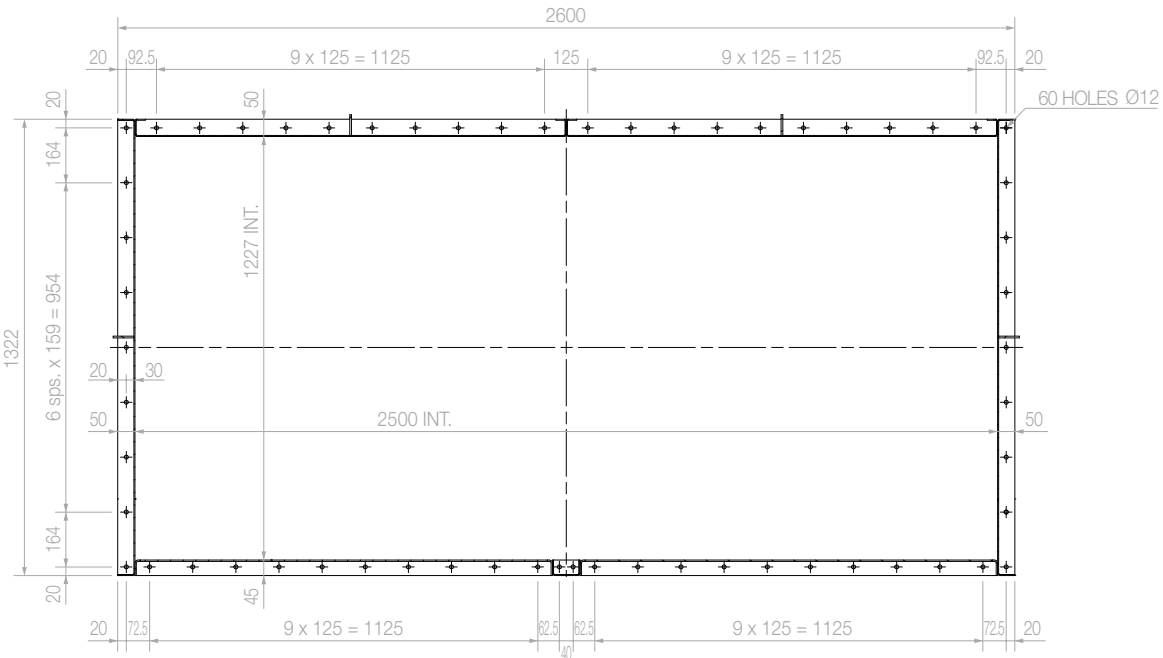
WONDAIR™ Mid - Arrangement B



Models

4-168

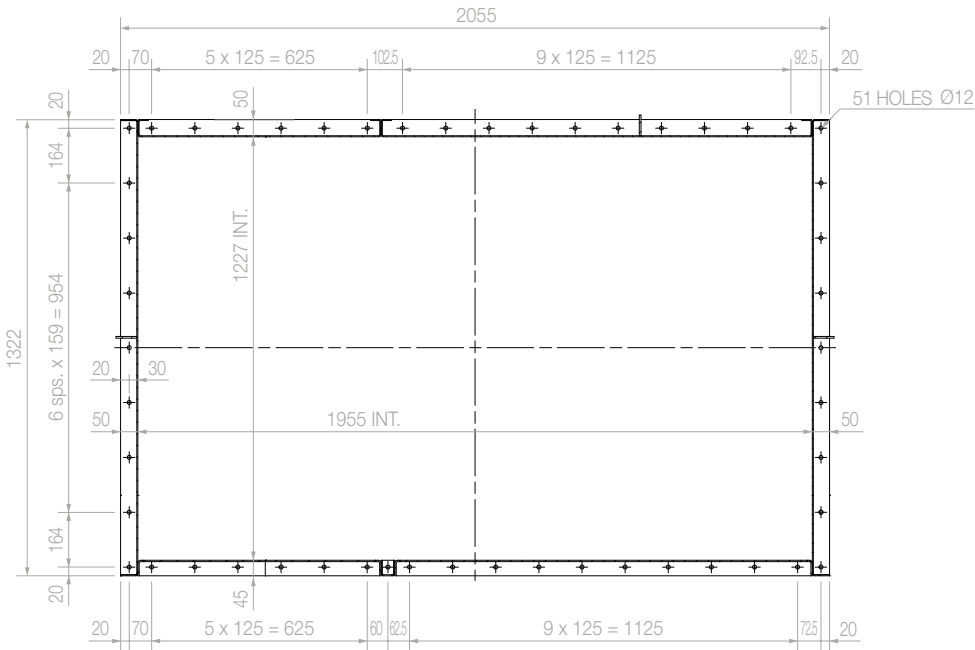
6-168



Models

4-336

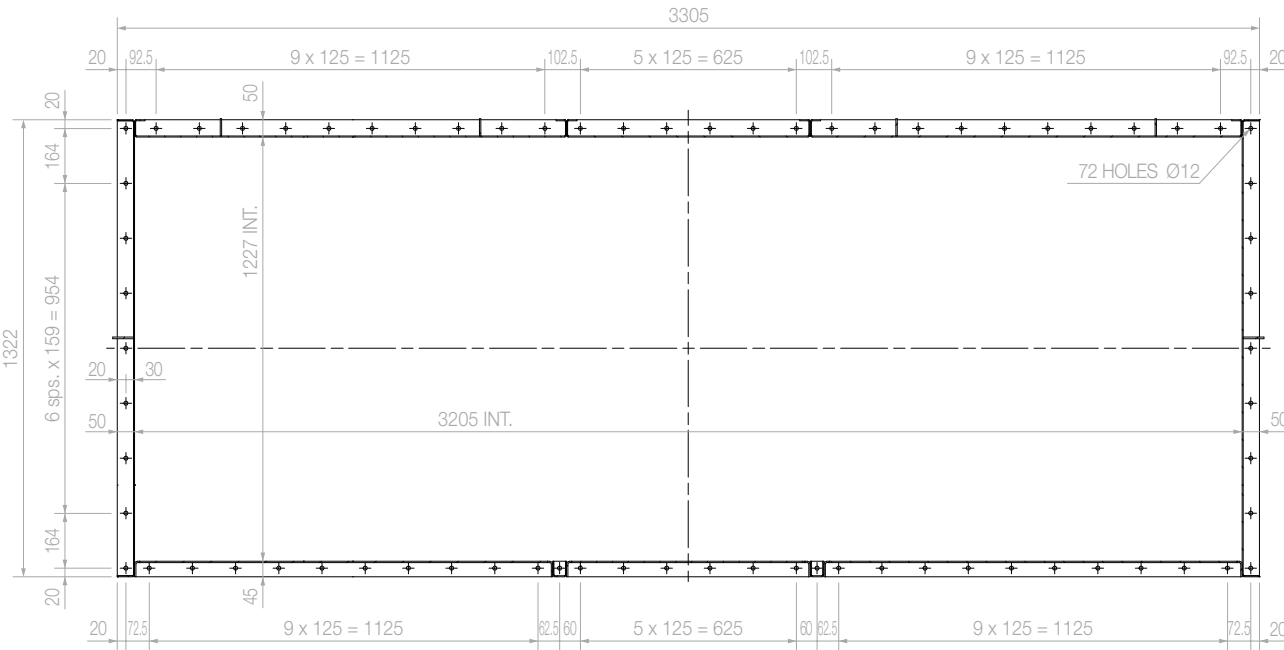
6-336



Models

4-252

6-252



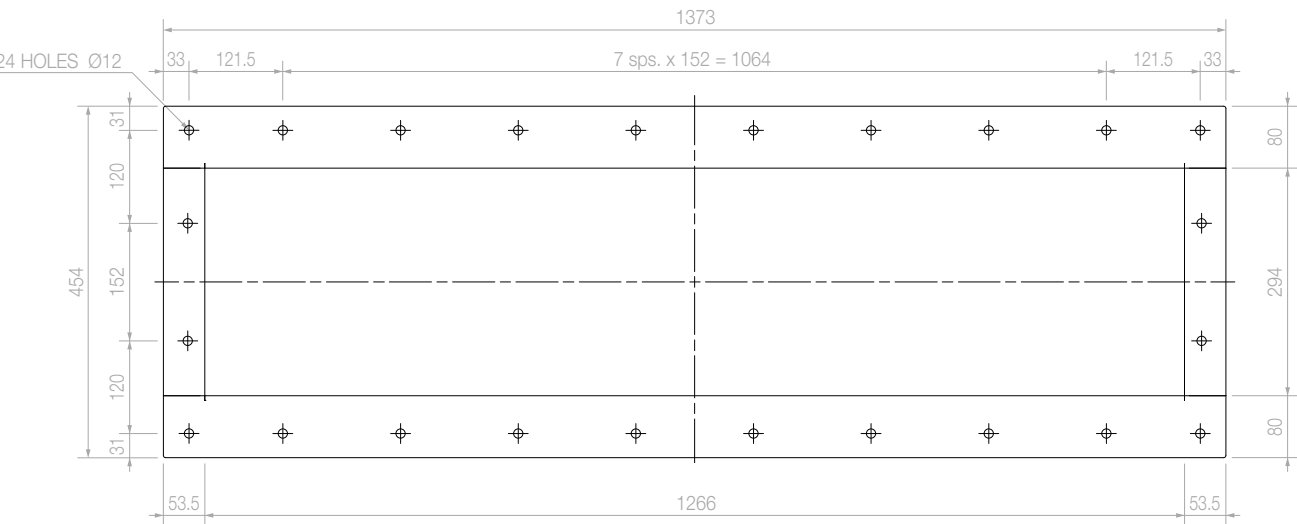
Models

4-420

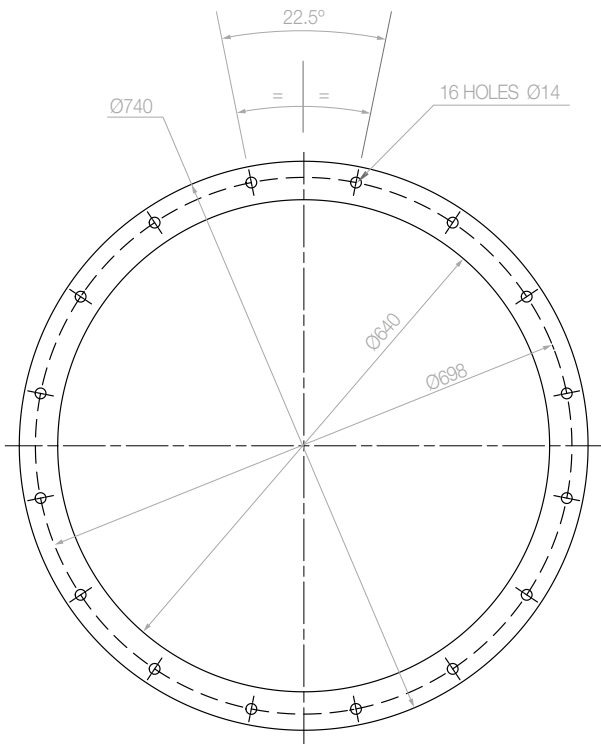
6-420

Outlet flanges

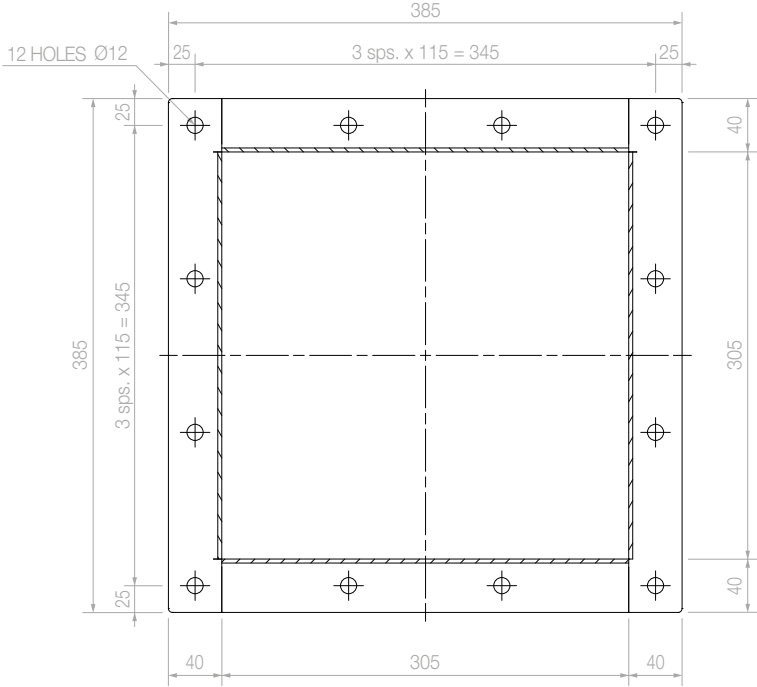
Side outlet



Top outlet



Hopper discharge flange



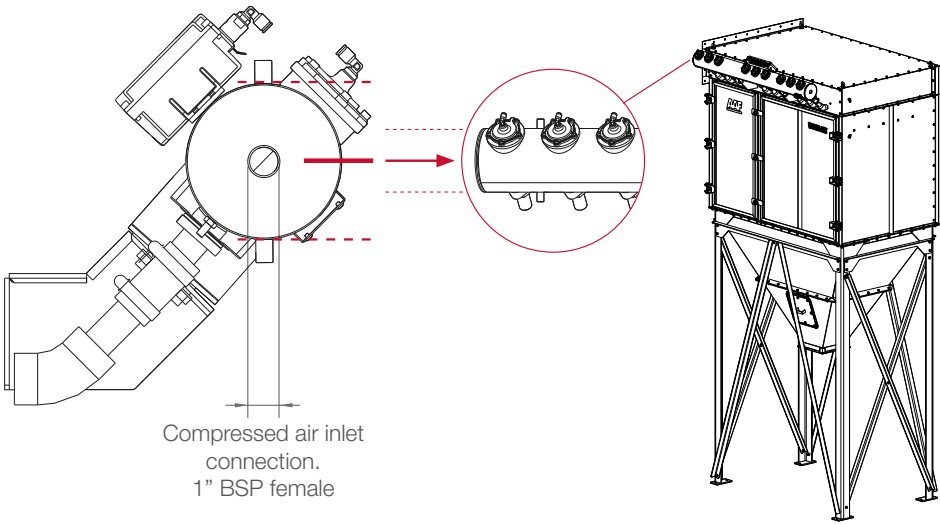
Cleaning system

Compressed air consumption

Size	Required air NI/min		
	4 bar	5 bar	6 bar
168	74	84	104
252	74	85	105
336	74	85	107
420	74	85	110

* 100ms blow bursts every 30 seconds.

Compressed air connection

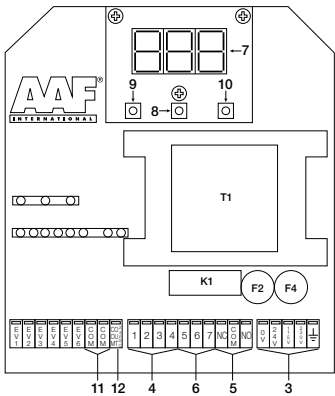


Cleaning system

REDClean® GammaPulse 6

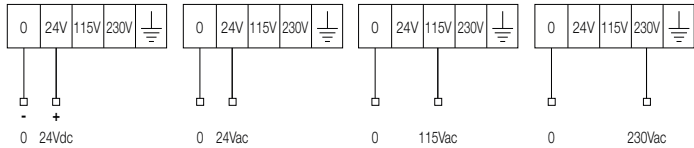
Cleaning Controller

Power supply	24 Vac	115 Vac	230 Vac
(option)	24 Vdc		
Fuses	F2 general fuse 2A 5x20 F4 solenoid power supply fuses 1,6A 5x20 delayed		
Operating temperature	-10 / +50 °C		
Connections	Terminals with screw. Use ATEX packing glands for the cable outlets to ensure the certification remains current.		
Maximum absorbed power	100 VA		
Inputs	no.3 opto-isolated inputs		
Relay inputs	no.1 relay 2A resistive load 115 Vac		
Solenoid valve output	Triac outputs with ON/OFF steel/crossing. 24, 115 or 230 VAC and 24 VDC with a max. current of 2A		



Connections

Power supply terminals



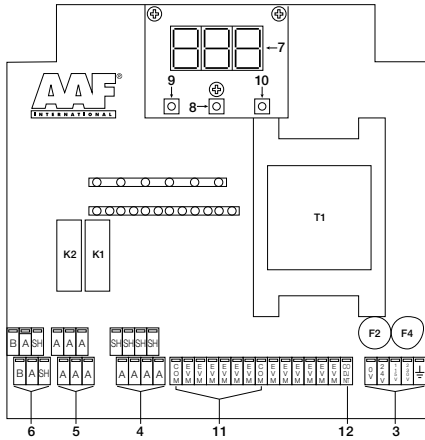
Power supply voltage

* For more information about the REDClean® Controller GammaPulse 6 from AAF International, please refer to the specific Operating and Installation manual for this device.

REDClean® GammaPulse 12

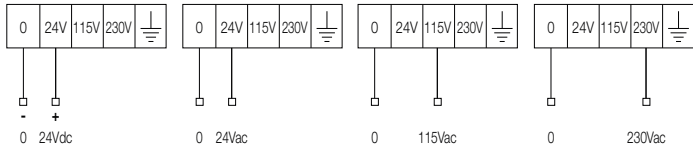
Cleaning Controller

Power supply	24 Vac	115 Vac	230 Vac
(option)	24 Vdc		
Fuses	F2 general fuse 2A 5x20 F4 solenoid power supply fuses 1,6A 5x20 delayed		
Operating temperature	-10 / +50 °C		
Connections	Terminals with screw. Use ATEX packing glands for the cable outlets to ensure the certification remains current		
Maximum absorbed power	100 VA		
Inputs	no.4 opto-isolated inputs		
Relay inputs	no.2 relay 2A resistive load 115 Vac		
Solenoid valve output	Triac outputs with ON/OFF steel/crossing. 24, 115 or 230 VAC and 24 VDC with a max. current of 2A		



Connections

Power supply terminals



Power supply voltage

* For more information about the REDClean® Controller GammaPulse 12 from AAF International, please refer to the specific Operating and Installation manual for this device.



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A light gray world map is centered in the background of the page, showing the continents of North America, South America, Europe, Africa, Asia, and Australia.

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