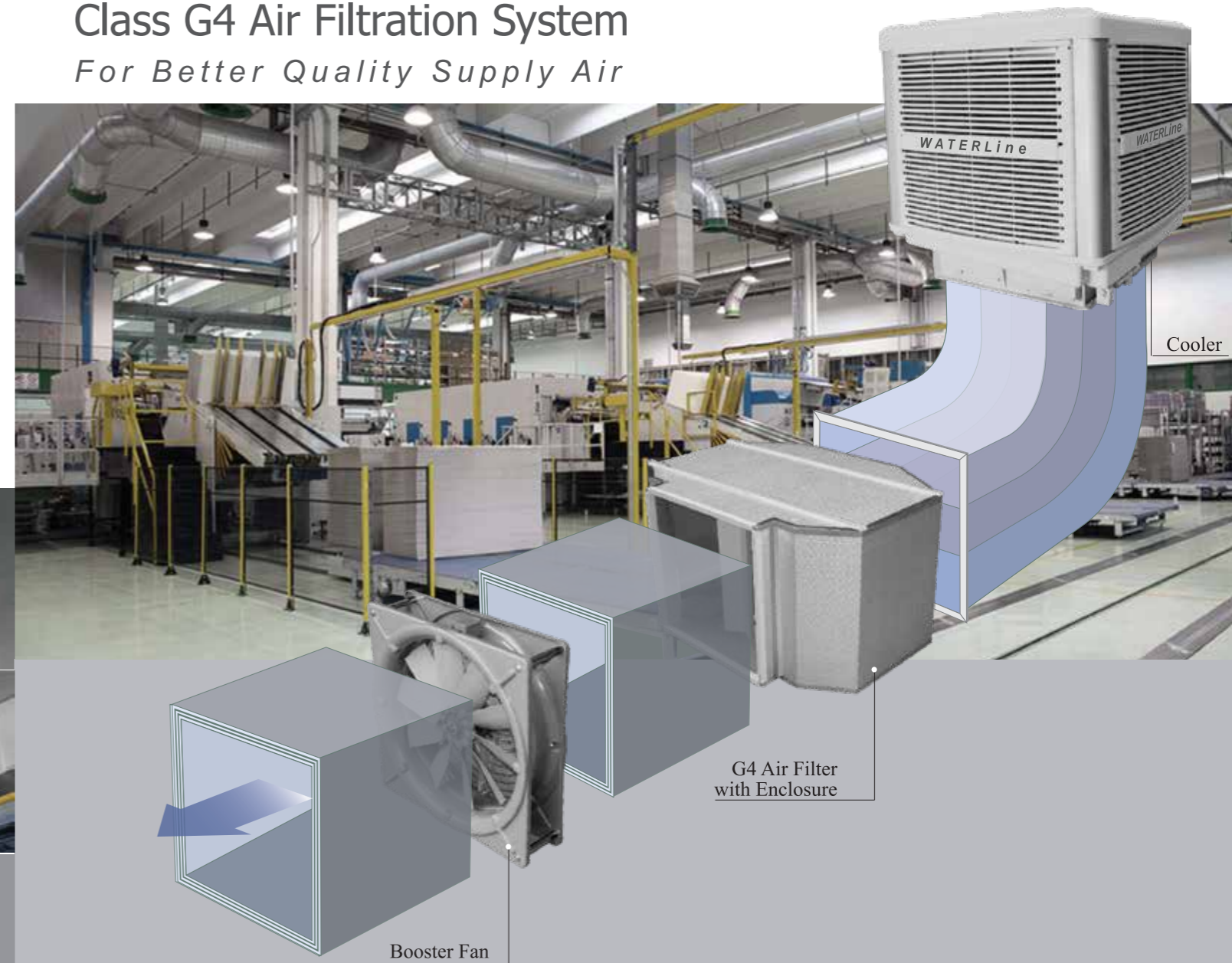


Class G4 Air Filtration System For Better Quality Supply Air



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HANOI: Mobile: (090) 2008 398, Fax: (844) 3783 3763
Email: info@waterlinevietnam.com

Features:

Light weight due to use of aluminum faced polyurethane panel for the box.

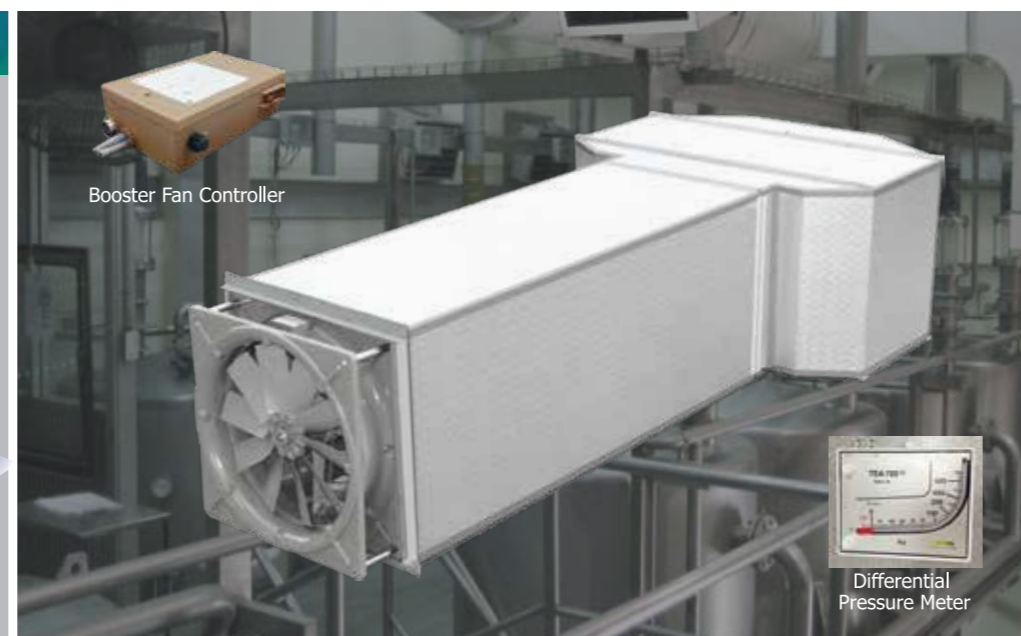
Very low noise, compact and air-tight construction.

Suitable for use in food processing factory, food & beverage packaging factory, packaging materi

Filter Enclosure & Filter Pad



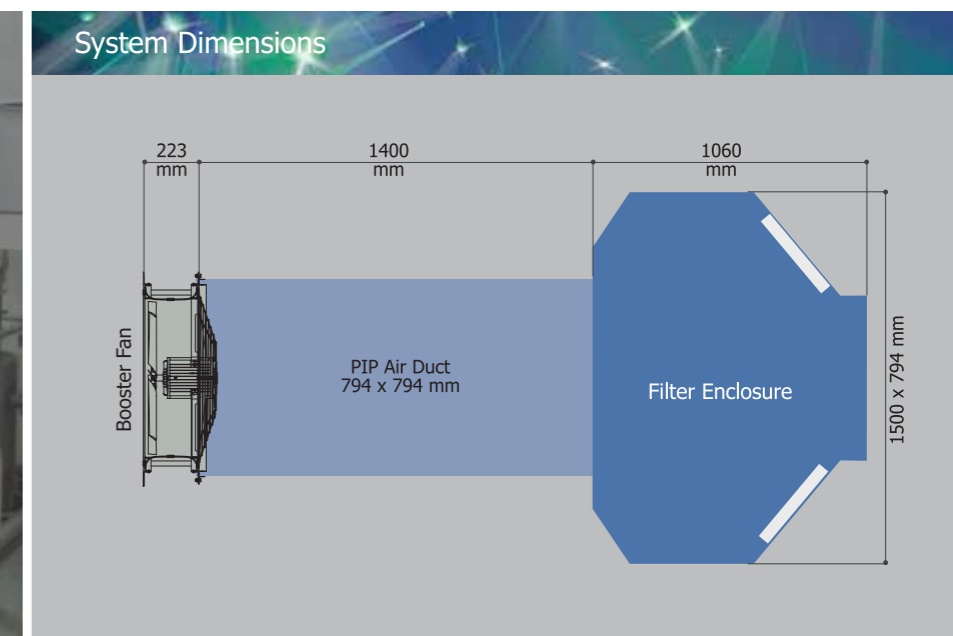
- Filters 80-90% of air-borne particles of size more than 10 micron. Fine sugar is 100 micron.
- When filter is dirty, it is indicated on the differential pressure meter.



Booster Fan Controller

Differential Pressure Meter

System Dimensions



223 mm

1400 mm

1060 mm

1500 x 794 mm

Booster Fan

PIP Air Duct 794 x 794 mm




Filter Enclosure

Performance and Specifications

1	Product Model	FG4
2	Performance Classification	G4 Medium Efficiency Filters
3	Filtration Capabity	Efficiency of 80-90% for Particies >10 µm
4	Rated Airflow	18000 m ³ / h
5	Filtration Area	1.42 m ²
6	Initial Resistance	38 Pa
7	Recommended Final Resistance	260 Pa
8	Inlet Dimension	665 (W) x 665 (H) mm
9	Outlet Dimension	794 (W) x 794 (H) mm
10	Installed Dimension	1500 (W) x 794 (H) x 1060 (L) mm
11	Filter Box Net Weight (w/filter)	45 kg

12	Filter Pad	Type	Pleated
		Maintenance	Washable, Replaceable
		Dimensions	595 (w) x 595 (H) x 105 (D)mm
		Qty.	4 pcs
13	Booster Fan	Power Supply	220 V , 50 Hz
		Rotary Speed	1212 r/min
		Power	0.995 kw
		Dimensions	754 (w) x 754 (H) x 410 (D)mm
		Net Weight	29 kg

Comparison with other class of air filter

	G4-Primary	M5-Medium	F7-HEPA
			
Particle Size (micron)	Efficiency based on ASHRAE 52.1-1992		
0.5 Smoke	5%	65%	100%
1 Ashes	28%	88%	100%
10 Pollen	80%	100%	100%
100 Sugar	100%	100%	-