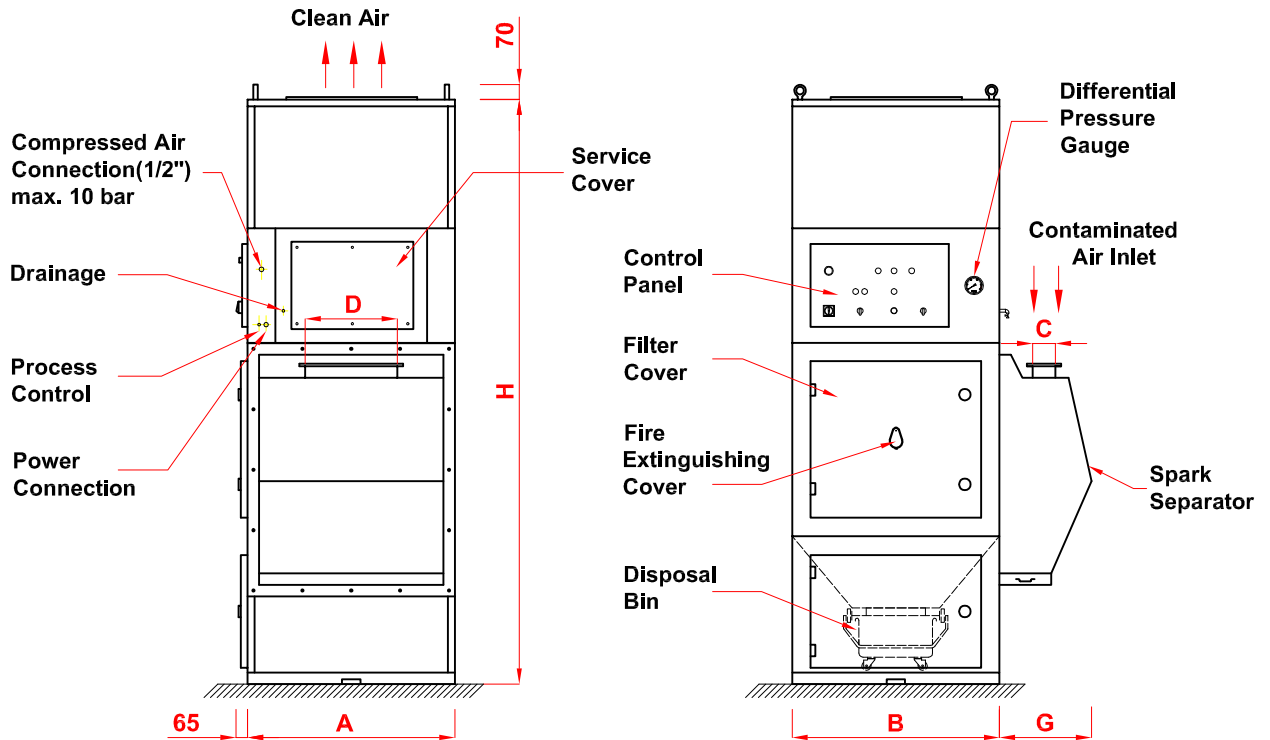


TECHNICAL SPECIFICATIONS



STANDARD SPECIFICATIONS

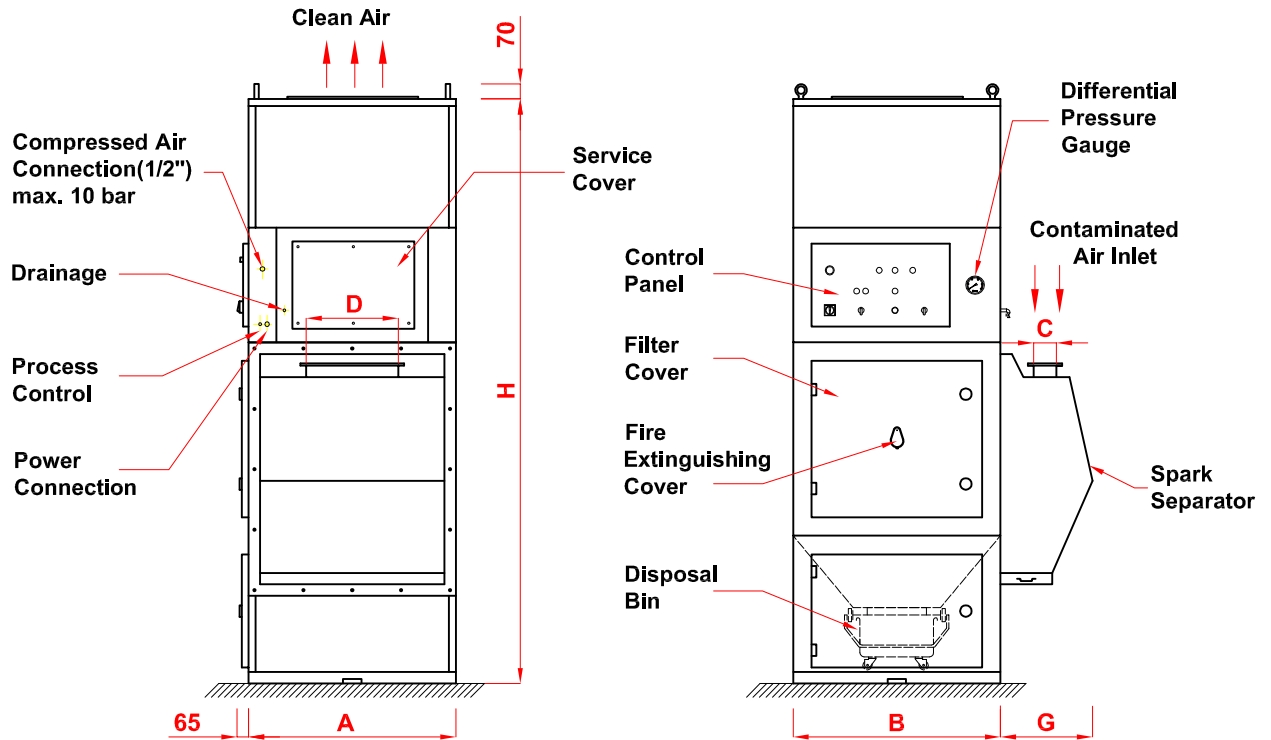
- GF-Series filter units are designed specifically for grinding, brushing and polishing dust collection applications with their spark separator air inlet.
- GF-Series filter units are ready to operate with their filters, fan and motor, integrated electrical control panel, integrated spark separator air inlet and automatic cleaning system.
- Spark separator air inlet protects filter elements and avoids hot and big particles to reach to filter elements which are generated from grinding, brushing and polishing applications. It minimizes the fire risk.
- Power Connection 380/400V ~ 3P N PE - 50 Hz.
- High efficient ventilators that have backcurved blades are directly coupled to motors. The impellers are made of aluminum.
- Cartridge filters made of polyester non-woven are standard on GF-Series filter units. They arrest 0.2 - 2 micron particles with %99.9 efficiency. Dust Class M acc. to EN 60335-2-69. Cartridge filters have a temperature resistance up to 80 °C.
- The filter unit is equipped with automatic jet-pulse cleaning. Cleaning pressure is 4-5 bar. Control panel and the differential pressure gauge that start-and-stop jet pulse cleaning automatically are standard on GF-Series filter units. Dust level indicator of filter elements and pressured-air regulator are also replaced inside the filter unit.
- Disposal bin 's volume is 40 Liter.
- Static and dynamic balanced impellers with silencers ensure low sound level. Sound level varies between 67-77 dB (A) according to filter unit type.
- Standard models of GF-Series filter units are produced to use inside (for indoor applications).

OPTIONS

- 80 Liter Disposal Bin (The height of filter unit increases 250mm.)
- Teflon membrane(PTFE) coated cartridge filter.
- Aluminum coated cartridge filter for Antistatic applications.
- 220-480V ~ 60 Hz, Motor and Electrical Control Panel.
- Flanged fitting for clean air-outlet to exhaust the clean air outside .
- Standard air inlet is placed at right handside. On request reverse side air inlet is possible.
- Outdoor Application
 - Electrical control panel temperature control with automatic heating.
 - Additional water resistant cover for control panel.
 - Pre-painting preparation against corrosion with galvanize coating for steel parts.
 - UV and weather conditions resistant electrostatic polyester powder painting.

⊗ Ongoing product development may subject the technical specifications to alterations without notice.

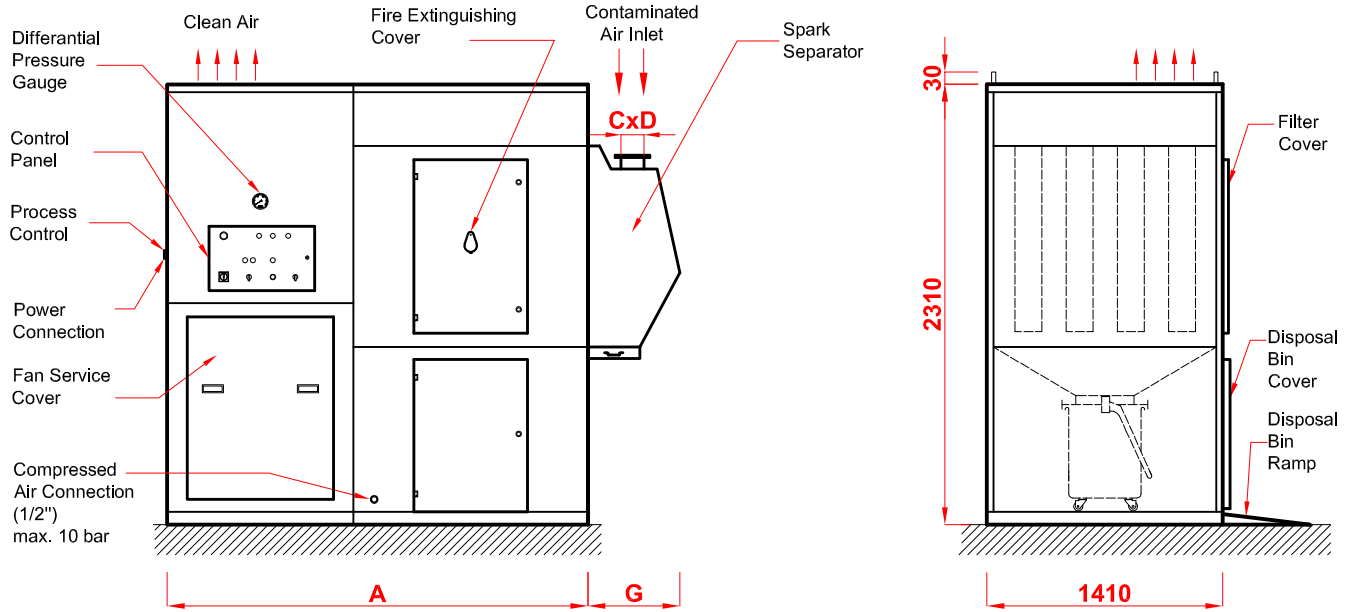
TECHNICAL SPECIFICATIONS



TYPE	CAPACITY (m ³ /hour)	FAN PRESSURE (Pa)	MOTOR (kW)	FILTER SURFACE (m ²)	A x B (mm)	H (mm)	C x D (mm)	G (mm)	WEIGHT (kg.)
GF-2000-L	1700 - 2200	2330	2,2	28	900 x 900	2540	100 x 400	350	385
GF-2000-M	1700 - 2200	3200	3,0	28	900 x 900	2540	100 x 400	350	388
GF-2000-H	1700 - 2200	4250	4,0	28	900 x 900	2540	100 x 400	350	398
GF-3000-L	2500 - 3300	2140	3,0	42	900 x 900	2540	150 x 400	450	396
GF-3000-M	2500 - 3300	2850	4,0	42	900 x 900	2540	150 x 400	450	406
GF-3000-H	2500 - 3300	3900	5,5	42	900 x 900	2540	150 x 400	450	417
GF-3000-XH	2500 - 3300	5300	7,5	42	900 x 900	2540	150 x 400	450	421
GF-4000-L	3300 - 4500	2140	4,0	56	900 x 1300	2614	150 x 500	550	510
GF-4000-M	3300 - 4500	2930	5,5	56	900 x 1300	2614	150 x 500	550	521
GF-4000-H	3300 - 4500	4000	7,5	56	900 x 1300	2614	150 x 500	550	525
GF-5000-L	4200 - 5600	2350	5,5	70	900 x 1300	2614	200 x 500	650	532
GF-5000-M	4200 - 5600	3200	7,5	70	900 x 1300	2614	200 x 500	650	537
GF-5000-H	4200 - 5600	4700	11,0	70	900 x 1300	2790	200 x 500	650	604

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TECHNICAL SPECIFICATIONS



STANDARD SPECIFICATIONS

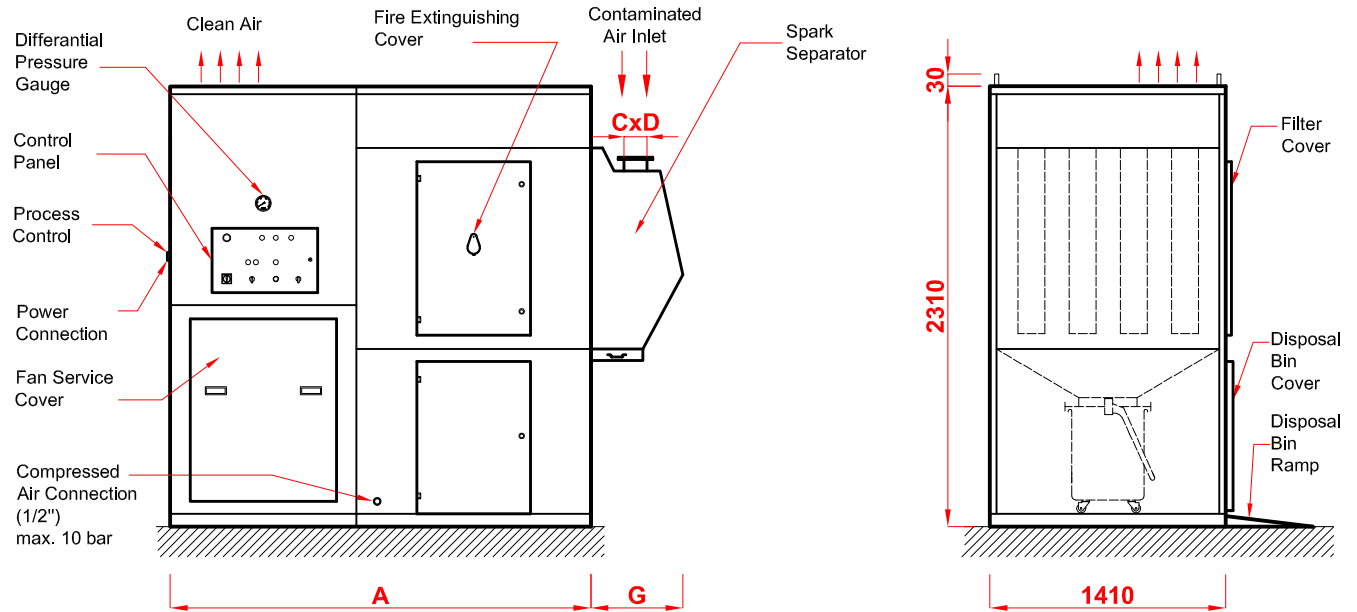
- GF-Series filter units are designed specifically for grinding, brushing and polishing dust collection applications with their spark separator air inlet.
- GF-Series filter units are ready to operate with their filters, fan and motor, integrated electrical control panel, integrated spark separator air inlet and automatic cleaning system.
- Spark separator air inlet protects filter elements and avoids hot and big particles to reach to filter elements which are generated from grinding, brushing and polishing applications. It minimizes the fire risk.
- Power Connection 380/400V ~ 3P N PE - 50 Hz.
- High efficient ventilators that have backcurved blades are directly coupled to motors. The impellers up to 18,5kW motor size are made of aluminium. The impellers that have motor sizes bigger than 22,0kW are made of steel.
- Cartridge filters made of polyester non-woven are standard on GF-Series filter units. They arrest 0.2 - 2 micron particles with %99.9 efficiency. Dust Class M acc. to EN 60335-2-69. Cartridge filters have a temperature resistance up to 80 °C.
- The filter unit is equipped with automatic jet-pulse cleaning. Cleaning pressure is 4-5 bar. Control panel and the differential pressure gauge that start-and-stop jet pulse cleaning automatically are standard on GF-Series filter units. Dust level indicator of filter elements and pressured-air regulator are also replaced inside the filter unit.
- Disposal bin's volume is 80 Liter.
- Static and dynamic balanced impellers with silencers ensure low sound level. Sound level varies between 70-76 dB (A) according to filter unit type.
- Standard models of GF-Series filter units are produced to use inside (for indoor applications).

OPTIONS

- Frequency inverter for power saving.
- Teflon membrane(PTFE) coated cartridge filter.
- Aluminum coated cartridge filter for Antistatic applications.
- 220-480V ~ 60 Hz, Motor and Electrical Control Panel.
- Flanged fitting for clean air-outlet to exhaust the clean air outside .
- Standard air inlet is placed at right handside. On request reverse side air inlet is possible.
- Outdoor Application
 - Electrical control panel temperature control with automatic heating.
 - Additional water resistant cover for control panel.
 - Pre-painting preparation against corrosion with galvanize coating for steel parts.
 - UV and weather conditions resistant electrostatic polyester powder painting.

Ⓢ Ongoing product development may subject the technical specifications to alterations without notice.

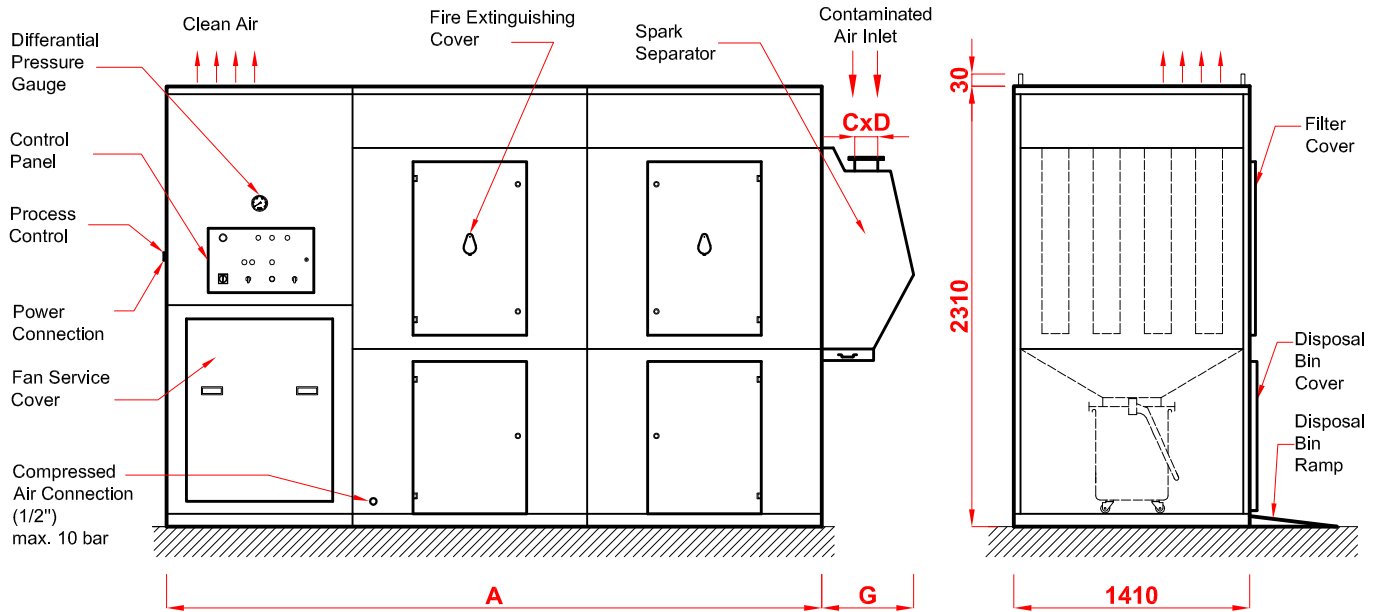
TECHNICAL SPECIFICATIONS



TYPE	CAPACITY (m ³ /hour)	FAN PRESSURE (Pa)	MOTOR (kW)	FILTER SURFACE (m ²)	DISPOSAL BIN (liter)	A (mm)	CxD (mm)	G (mm)	WEIGHT (kg.)
GF-6000-L	5000 - 6800	2700	7,5	84	80	2120	150x600	560	915
GF-6000-M	5000 - 6800	4000	11,0	84	80	2120	150x600	560	983
GF-6000-H	5000 - 6800	5400	15,0	84	80	2120	150x600	560	995
GF-8000-L	6700 - 8900	3000	11,0	112	80	2400	200x700	680	1049
GF-8000-M	6700 - 8900	4100	15,0	112	80	2400	200x700	680	1061
GF-8000-H	6700 - 8900	5050	18,5	112	80	2400	200x700	680	1076
GF-10000-L	8400 - 11200	2500	11,0	140	80	2680	250x700	860	1153
GF-10000-M	8400 - 11200	3400	15,0	140	80	2680	250x700	860	1165
GF-10000-H	8400 - 11200	4200	18,5	140	80	2680	250x700	860	1180
GF-10000-XH	8400 - 11200	5000	22,0	140	80	2680	250x700	860	1202

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TECHNICAL SPECIFICATIONS



TYPE	CAPACITY (m ³ /hour)	FAN PRESSURE (Pa)	MOTOR (kW)	FILTER SURFACE (m ²)	DISPOSAL BIN (liter)	A (mm)	CxD (mm)	G (mm)	WEIGHT (kg.)
GF-12000-L	10000 - 13300	2750	15,0	168	2x80	3080	300x700	1000	1284
GF-12000-M	10000 - 13300	3400	18,5	168	2x80	3080	300x700	1000	1299
GF-12000-H	10000 - 13300	4000	22,0	168	2x80	3080	300x700	1000	1330
GF-16000-L	13400 - 17800	2500	18,5	224	2x80	3640	300x900	1200	1413
GF-16000-M	13400 - 17800	3000	22,0	224	2x80	3640	300x900	1200	1445
GF-16000-H	13400 - 17800	4120	30,0	224	2x80	3640	300x900	1200	1513
GF-20000-L	16800 - 22300	2420	22,0	280	2x80	4200	400x900	1350	1564
GF-20000-M	16800 - 22300	3300	30,0	280	2x80	4200	400x900	1350	1632
GF-20000-H	16800 - 22300	4060	37,0	280	2x80	4200	400x900	1350	1664

⦿ Ongoing product development may subject the technical specifications to alterations without notice.