FumeCAB 1000 iQ

Fume Cabinet

Datasheet

Technical Specification and Product Information

An integrated fume cabinet for a range of applications.

The FumeCAB 1000 iQ is an integrated fume cabinet suitable for a range of applications. As our largest FumeCAB model, it provides users with an extra depth of working space for taller applications. Ultra-bright, energy-saving LED lights make this system ideal for a variety of processes.

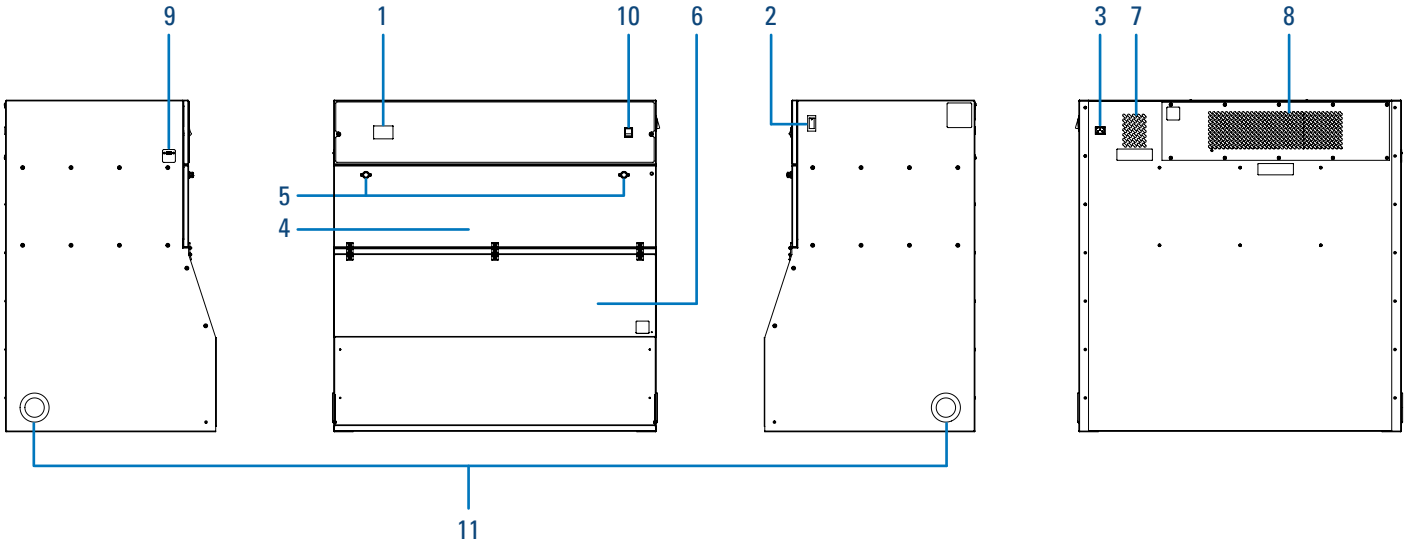


FEATURES

- Long-life, low-cost replacement filters
- Remote diagnostics via USB
- High contrast display

Approvals: UKCA and CE

TECHNICAL SPECIFICATION



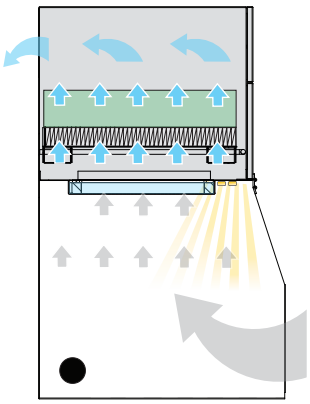
1. iQ display
2. On/off switch
3. Power cable inlet
4. Filter compartment door
5. Door latches
6. Hinged Perspex enclosure panel
7. Blower cooling inlet
8. Exhaust outlet
9. USB inlet
10. Rocker lighting switch
11. Inlet for tools/equipment/cables

TECHNICAL DATA

Voltage	Face velocity		Dimensions (H x W x D)		Opening dimensions (H x W x D)		Weight		Noise level*	Frequency	Full load current
V	ft/min	m/s	in	mm	in	mm	lbs	kg	dB(A)	Hz	amps
115	79-118	0.4-0.6	37.1 x 40.5 x 26.3	943 x 1029 x 669	11.2 x 39.4 x 25.6	285 x 1000 x 650	264	120	60	50/60	10
230											6

AIRFLOW

LED light
Pre-filter
HEPA filter
Chemical filter
Clean filtered air
Contaminated air
Particulate



FILTER SPECIFICATIONS

Model	Surface media area (approx)		Filter efficiency
	ft²	m²	
Pre-filter	129.1	12	99% @ 0.3 microns
Combined filter (HEPA)	32.3	3	99.995% @ 0.3 microns

Model	Activated carbon volume	
	lbs	kg
Combined filter (gas)	37.5	17

PART NUMBERS - FILTERS

Pre-filter (pack of 3)	Combined filter
1UA1030249	1UA1030250

PART NUMBERS - SYSTEM

Description	Part number
Powder-coated, 230 V VOC	1U8100851560-1448

CUSTOMIZATIONS

Options

Power cables
VOC sensor
Exhaust spigot

Cabinet construction

Powder-coated mild steel (RAL9016)

Power cables

Type B
Type E
Type G

*Noise level: At typical operating speed.

Datasheet correct at time of publishing. Where applicable, the carbon used in Donaldson BOFA systems is capable of removing a wide range of VOCs, however it is the responsibility of the user to ensure the carbon is suitable for their application. For specific applications, please contact us for details.

Important Notice
Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.

bsi. ISO 9001 Quality Management
FS 643451
ISO 9001

Approvals: REACH and RoHS. See invididual product technical data for specific accreditations.

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