

INLINE FILTERS

AD CYCLONE



Laser marking generates a range of particle sizes from 0.1 micron upwards so standard cyclone separators are not suitable.

BOFA's inline cyclone is designed to operate more efficiently at these lower particle sizes.

The cyclone separator has been designed specifically for use with the AD Oracle iQ and AD Oracle iQ2 (see pages 22-23) and is installed between the laser extraction point and the extractor. The airflow generated by the extraction unit powers the cyclone.

Approvals CE



Dimensions 800 x 300 x 140mm
31.5 x 11.81 x 5.51"

Datasheet download
bofainternational.com/ad-cyclone

ILF 300/600/1000



The BOFA inline pre filters have been designed specifically for applications that generate high amounts of dust or particulate.

The filter unit is positioned alongside the main BOFA fume filtration system to increase the overall filter capacity and extend the life of the main, more expensive filters.

A range of application dependent filter types and configurations are available on request.

Approvals CE

ILF 300



Dimensions 796 x 638 x 328mm
31.34 x 25.12 x 12.92"

Datasheet download
bofainternational.com/ilf-300

ILF 600



Dimensions 820 x 631 x 635mm
32.28 x 24.84 x 25"

Datasheet download
bofainternational.com/ilf-600

ILF 1000



Dimensions 650 x 617 x 763mm
25.6 x 24.3 x 30"

Datasheet download
bofainternational.com/ilf-1000

OUR LEADING
TECHNOLOGY



iQ2
Intelligent (iQ2)
Operating System



iQ
Intelligent (iQ)
Operating System



DeepPleat
DeepPleat
pre filter



DeepPleat DUO
DeepPleat DUO
pre filter



HEPA
HEPA filter



ACF
Advanced carbon
filter technology



FireBOX GA/MA and FireBOX GA+/MA+ self-extinguishing inline pre filter

In the rare event that a burning ember is drawn into the fume extraction unit, there is the possibility that debris in the filters could ignite. Although any resultant fire would typically be retained within the fume extraction unit, this would cause significant damage and in extreme circumstances the risk may extend beyond the extraction unit. For processes where such risks have been identified, additional protection in the form of an inline firebox is an additional precaution. We offer two sizes of our FireBOX to cater for different size extraction units.



WHICH PRODUCT DO YOU NEED?

The FireBOX GA/GA+ is designed for general applications.

The FireBOX MA/MA+ is designed specifically for metal-based applications.

Speak to your sales representative to ensure you chose the right system.

<p>FireBOX GA/MA</p> <p>Approvals CE</p>	<p>For added safety and protection from fire. The built-in temperature controller can be set so when a 10°C temperature rise is detected, the FireBOX will activate the isolating valves and switch off the power to the extraction unit, suppressing the airflow to the FireBOX and reducing the speed of fire. If this does not suppress the fire and the temperature rises another 10°C then the fire extinguisher will be activated.</p> <p>Ideally paired with AD Oracle SA iQ; AD Oracle iQ; and AD Oracle iQ2; (page 21-23).</p>	<p>Dimensions 1186 x 480 x 600mm 46.7 x 19 x 24" (including beacon)</p> <p>Airflow Up to 380m³/hr Up to 223cfm</p> <p>Datasheet download bofainternational.com/firebox-ga bofainternational.com/firebox-ma</p>
<p>FireBOX GA+/MA+</p> <p>Approvals CE</p>	<p>For larger extraction systems. Ideally paired with AD 500 iQ; AD 1000 iQ; and AD 1500 iQ (page 24).</p>	<p>Dimensions 1380 x 615 x 900mm 54.33 x 24.21 x 35.43" (including beacon)</p> <p>Airflow Up to 1250m³/hr Up to 735cfm</p> <p>Datasheet download bofainternational.com/firebox-ga+ bofainternational.com/firebox-ma+</p>



ACCESSORIES DUST AND FUME EXTRACTION PRODUCTS

NEW



Spark Arrestor 2

BOFA's Spark Arrestor 2 unit effectively prevents potentially damaging burning particulates, generated during laser marking processes, from entering the fume extraction unit.

Hot burning particulate is transported through the specially designed plates positioned within the airflow, slowing the burning particulate down until it finally drops into the removeable drop-out chamber, so protecting the fume extractor.

Approvals CE



Dimensions 883 x 400 x 553mm
34.76 x 15.75 x 21.77"

Datasheet download
bofainternational.com/spark-arrestor-2

LASER COOLING UNITS

Our AD 200 CU is an electrically driven, cooling air unit. It supplies cool, filtered air to both the laser and power supply module. This clean, cool air ensures optimal laser performance and reliability.

The AD 350 CU is designed to supply cool, filtered air to both the laser and power supply module. This clean, cool air ensures optimal laser performance and reliability. It can also be used as a seal to increase the IP rating of the laser.

AD 200 CU

Approvals CE



Dimensions 260 x 250 x 285mm
10.2 x 9.9 x 11.2"

Datasheet download
bofainternational.com/ad-200-cu

AD 350 CU

Approvals CE



Dimensions 395 x 380 x 380mm
15.55 x 14.96 x 14.96"

Datasheet download
bofainternational.com/ad-350-cu

PIPEWORK

We offer a wide range of pipework available in 50mm, 75mm, 110mm, 125mm.

Speak to your sales representative to ensure you get the right pipework for your system.

