# EPILOG

# FUME EXTRACTION SOLUTIONS





#### EPILOG

# FUME EXTRACTION SOLUTIONS

Our systems ensure hazardous particles and fumes are captured and filtered out before the cleaned air is recirculated back into the production environment.

Our cost effective products meet and exceed global health and safety legislation, encouraging green initiatives and environmental good practices.



#### LASER FUME EXTRACTION

By maintaining a dust-free operating area, our systems help to protect valuable equipment, maintain a higher quality mark and reduce the number of rejects and contaminants.



#### **OUR TECHNOLOGY**









## ZING 18

#### ZING 24

The entry-level laser machines in the Zing series produce anything but entry-level engraving and cutting results. These low-cost desktop units are the perfect choice for someone starting a business or looking to add on a second laser.





## UML 340

Suitable for a range of lasers, the UML 340 plays on the success of the "best in class" AD Oracle with its DeepPleat DUO and autovoltage blower in a compact base system. The easi-seal filter location makes filter change easy, quick and safe.

This unit has the option of an onboard compressor for a compact installation.



Dimensions

715 x 760 x 600mm 28.1 x 29.9 x 23.6"

Airflow/Pressure

380m³/hr / 96mbar 223cfm / 96mbar

Technology



**Datasheet download** epiloglaser.co.uk/uml-340

#### MINI 18

## MINI 24

Up your production capabilities with a Legend laser series system. Featuring up to 1200 dpi engraving and servo motors for up to 30% more speed, the Legend laser series includes three popular models: the Epilog Mini 18, Mini 24, and Helix laser systems.







#### UML 340

Suitable for a range of lasers, the UML 340 plays on the success of the "best in class" AD Oracle with its DeepPleat DUO and autovoltage blower in a compact base system. The easi-seal filter location makes filter change easy, quick and safe.

This unit has the option of an onboard compressor for a compact installation.



Dimensions

715 x 760 x 600mm 28.1 x 29.9 x 23.6"

Airflow/Pressure

380m³/hr / 96mbar 223cfm / 96mbar

Technology



**Datasheet download** epiloglaser.co.uk/uml-340

#### HELIX

Up your production capabilities with a Legend laser series system. Featuring up to 1200 dpi engraving and servo motors for up to 30% more speed, the Legend laser series includes three popular models: the Epilog Mini 18, Mini 24, and Helix laser systems.





# AD ORACLE IQ

The AD Oracle iQ is our most technically advanced laser fume extractor, combining a powerful range of unique features into one compact unit.

This versatile unit can be used across a range of laser applications and the revolutionary auto-voltage sensing blower automatically self adjusts to run on any voltage worldwide.

Our inline AD Cyclone has been designed to separate lower particle sizes during laser marking process.

Also fits the FireBox inline filter.



Dimensions

980 x 430 x 430mm 38.5 x 17 x 17"

Airflow/Pressure

380m³/hr / 96mbar 223cfm / 96mbar

Technology



**Datasheet download** epiloglaser.co.uk/ad-oracle-iq

#### FUSION 32

The Fusion M2 laser series is the newest addition to Epilog Laser's flatbed system line, and features larger work areas and higher-wattage laser tube options for more throughput and thicker cutting capabilities. Engrave, cut and mark all types of materials with a Fusion M2 laser system that features the highest quality cutting available.



# AD 1000 iQ

High performance laser fume extraction system for applications in laser marking, coding and engraving.

The AD 1000 iQ high end laser extraction system combines extremely large filter capacity with high airflow and pressure rates, making it the ideal choice for heavy duty applications that generate large amounts of particulate and gaseous organic compounds.



Dimensions

1197 x 600 x 790mm 47.1 x 23.6 x 31.1"

Airflow/Pressure

850m³/hr / 100mbar 500cfm / 100mbar

Technology



**Datasheet download** epiloglaser.co.uk/ad-1000-iq

#### FUSION 40

The Fusion M2 laser series is the newest addition to Epilog Laser's flatbed system line, and features larger work areas and higher-wattage laser tube options for more throughput and thicker cutting capabilities. Engrave, cut and mark all types of materials with a Fusion M2 laser system that features the highest quality cutting available.



## AD 1500 IQ

High performance laser fume extraction system for applications in laser marking, coding and engraving.

The AD 1000 iQ high end laser extraction system combines extremely large filter capacity with high airflow and pressure rates, making it the ideal choice for heavy duty applications that generate large amounts of particulate and gaseous organic compounds.



Dimensions

1197 x 600 x 790mm 47.1 x 23.6 x 31.1"

Airflow/Pressure

1250m³/hr / 100mbar 735cfm / 100mbar

Technology



**Datasheet download** epiloglaser.co.uk/ad-1500-iq

## FUSION FIBRE MARK



Up your production capabilities with a Legend laser series system. Featuring up to 1200 dpi engraving and servo motors for up to 30% more speed, the Legend laser series includes three popular models: the Epilog Mini 18, Mini 24, and Helix laser systems.

#### AD 1000 IQ

High performance laser fume extraction system for applications in laser marking, coding and engraving.

The AD 1000 iQ high end laser extraction system combines extremely large filter capacity with high airflow and pressure rates, making it the ideal choice for heavy duty applications that generate large amounts of particulate and gaseous organic compounds.



Dimensions

1197 x 600 x 790mm 47.1 x 23.6 x 31.1"

Airflow/Pressure

850m³/hr / 100mbar 500cfm / 100mbar

Technology



**Datasheet download** epiloglaser.co.uk/ad-1000-iq

#### G2 GALVO LASER

The newest addition to the Epilog Laser family is the G2 Galvo fiber laser. With unique dynamic-focus lens technology, it's the first galvo unit with a fixed-position  $24" \times 24" (609 \times 609 \text{ mm})$  engraving area.





# AD 1000 iQ

High performance laser fume extraction system for applications in laser marking, coding and engraving.

The AD 1000 iQ high end laser extraction system combines extremely large filter capacity with high airflow and pressure rates, making it the ideal choice for heavy duty applications that generate large amounts of particulate and gaseous organic compounds.



Dimensions

1197 x 600 x 790mm 47.1 x 23.6 x 31.1"

Airflow/Pressure

850m³/hr / 100mbar 500cfm / 100mbar

Technology



**Datasheet download** epiloglaser.co.uk/ad-1000-iq

# PRODUCT SELECTOR

<u> </u>						
Galvo laser					>	
Fusion Fiber Mark					>	
Fusion 40	1					>
Fusion 32	To a second				>	>
Helix	Essential Services		>	>		
Mini 24	- merens	>	>			
Mini 18	- Marraya	>	>			
Zing 24	zing	>				
Zing 16	zing	>				
Epilog Laser		<b>1</b>				
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Extraction System	UML 340	AD Oracle iQ	AD 500 iQ	AD 1000 iQ	AD 1500 iQ

#### WARRANTY CERTIFICATE

#### WARRANTIES & LIABILITY

- 7.1 BOFA warrants that at the date the Goods are delivered the Goods will correspond with its sales literature in force at the time being and any other specifications that may have been agreed in writing by BOFA and You, and will be free from defects in materials and workmanship for a period of 12 months from the date of the invoice relating to such Goods provided that the this warranty does not cover normal wear and tear and in addition such warranties shall be null and void if the Goods are modified, improperly installed or used, damaged wilfully, by accident or by neglect or by failure to follow the specified maintenance schedule provided in the user manual or in the event of any parts being improperly installed or replaced (other than by an authorised representative of BOFA).
- 7.2 Åll terms, conditions or warranties implied by statutory or common law relating to the Conditions (as defined below) are excluded from this Contract to the fullest extent permitted by law;
- 7.3 The 'Conditions' shall mean:
- 7.3.1 the correspondence of the goods with any description; and/or
- 7.3.2 the quality of the goods; and/or
- 7.3.3 the fitness of the goods for any purpose(s) whatsoever (whether made known to BOFA or not). 7.4 You acknowledge and agree that where a sample of the Goods have been shown and/or inspected by You, the sole purpose of so doing was to enable You to judge the quality of the bulk; and it does not constitute a sale by sample.
- 7.5 You shall notify BOFA in writing as soon as reasonably possible after discovery of any defect that would not have been discoverable at the time of delivery or failure of the Goods ("Defect notification"). 7.6 BOFA shall not be under liable, if at the time of Defect notification the title in the Goods in question has not passed to You in accordance with clause 4.1 above.
- 7.7 If liable, BOFA will, at its option, either make good by repair or the supply of a replacement, defects which, under proper use, appear in the Goods within a reasonable time on receipt of the Goods returned (at Your cost) and claimed to be defective, provided that:
- 7.7.1 BOFA is satisfied that the defects arise solely from faulty design (other than a design made, furnished or specified You for which BOFA has disclaimed responsibility in writing), materials or workmanship; and
- 7.7.2 the repaired or replacement Goods will be delivered to You to the original place of delivery, but otherwise subject to the provisions of this Contract.
- 7.8 As an alternative to Clause 7.7, BOFA shall be, in its absolute discretion, entitled to refund the price of the Goods to You
- 7.9 The remedies provided in Clause 7.7 and 7.8 are without prejudice to the other provisions of these Terms.
- 7.10 In no circumstances whatsoever (subject to clause 7.11 below) whether as a result of breach of contract, warranty or tort (including negligence) shall BOFA be liable for any consequential or indirect damages or losses (including but not limited to loss of profit or revenue), damage to associated equipment, cost of capital, cost of such substitute products, loss of facilities or loss for claims of purchases, customs or other such damages.
- 7.11 Nothing in these Terms shall seek to exclude BOFA's liability for any death or personal injury to the extent that it results from negligence.
- 7.12 BOFA's liability to You shall be limited:
- 7.12.1 In relation to any direct physical damage to Your property to the extent that it results from BOFA's actions or omissions up to a maximum of £250,000 in respect of any one event or series of related events, or up to a maximum of £500,000 in respect of any series of unrelated events which take place within a single calendar year;
- 7.12.2 In relation to any other costs, losses and/or liabilities incurred by You as a consequent of our breach of this Agreement shall be limited to a total sum equivalent to the total price of the Goods and/or Services.
- 7.13 Subject to clause 7.11 above, no action regardless of form arising out of a transaction under this Agreement may be brought by You more than two years after the course of action has arisen.

#### EPILOG

# FUME EXTRACTION SOLUTIONS

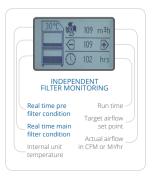


epiloglaser.co.uk/products/extractors

#### AD 500 iQ

# High performance laser fume extraction system for applications in laser marking, coding and engraving.





#### **AD 500 iQ**

The AD 500 iQ mid to high end laser fume extraction system combines extremely large filter capacity with high airflow and pressure rates, making it the ideal choice for heavy duty applications that generate large amounts of particulate and gaseous organic compounds.

Performance has been further enhanced with the inclusion of several features including BOFA's acclaimed patented iQ Operating System, making the AD 500 iQ one of the most advanced systems available.

Dimensions 1197 x 600 x 790mm

47.1 x 23.6 x 31.1"

Airflow/Pressure 550m³/hr / 100mbar 324cfm / 100mbar

Technology



Datasheet download bofa.co.uk/ad-500-iq



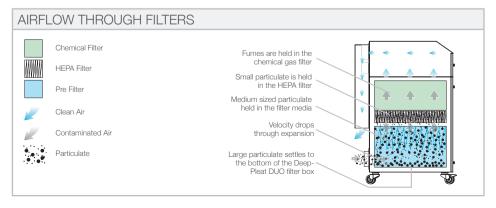
UNIT PART NUMBERS			OPTIONS				OPTION
Model	Voltage	Part No.	24V Stop / Start	Stop System failure Monitoring Compressor			
AD 500 iQ	230V	L0672					
Stainless Steel	115V	L0671	40004	2001 A2002 A2003 A2007	40000	10007	A1060094
AD 500 iQ	230V	L0662	A2001		A1060094		
Powder Coated	115V	L0661					

REPLACEMENT FILTER PART NUMBERS						
Model	el DeepPleat DUO Pre Filter Combined HEPA/Gas Filter					
AD 500 iQ A1030222 A1030297						

TECHNICAL DATA						
	EU	US				
Dimensions (HxWxD)	1197 x 600 x 790mm	47.1 x 23.6 x 31.1"				
Cabinet Construction Brushed stainless steel / Powder coated mild steel						
Airflow / Pressure	550m³/hr / 100mbar	324cfm / 100mbar				
Electrical Data	230v 1ph 50/60Hz Full load current: 9.5 amps / 1.1kw	115v 60/50Hz Full load current: 14.8 amps / 1.1kw				
Noise Level	< 60dBA At typical operating speed.					
Weight 135kgs		298lbs				
Approvals	CE					

DEEPPLEAT DUO PRE FILTER SPECIFICATIONS					
Surface Media Area	30m² approx				
Filter Media	Glass Fibre				
Filter Media Construction	Maxi Pleat Construction with Webbing Spacers				
Filter Housing	Zintec mild steel				
Filter Efficiency	F8 (95% @ 0.9 microns)				

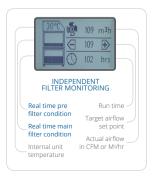
COMBINED HEPA/GAS FILTER SPECIFICATIONS					
Surface Media Area 7.5m² approx					
HEPA Filter Media	Glass Fibre				
HEPA Media Construction	Maxi Pleat Construction with Webbing Spacers				
Filter Housing	Zintec Mild Steel				
Treated Activated Carbon	34kgs				
Filter Efficiency	99.997% @ 0.3 microns				



#### AD 1000 iQ

High performance laser fume extraction system for applications in laser marking, coding and engraving.





#### **AD 1000 iQ**

High performance laser fume extraction system for applications in laser marking, coding and engraving.

BOFA's AD 1000 iQ high end laser extraction system combines extremely large filter capacity with high airflow and pressure rates, making it the ideal choice for heavy duty applications that generate large amounts of particulate and gaseous organic compounds.

Dimensions 1197 x 600 x 790mm

47.1 x 23.6 x 31.1"

Airflow/Pressure 850m³/hr / 100mbar

500cfm / 100mbar

Technology























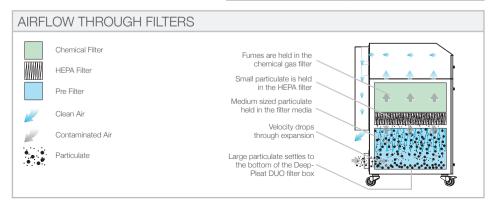
				OPTIONS		
/oltage	Part No.	24V Stop / Start	Stop System failure Monitoring Compressor			
230V 115V	L0772 L0771					4400004
230V	L0762	A2001	A2001 A2002		A2003 A2007	A1060094
2 1 2	30V 15V	30V L0772 15V L0771 30V L0762	Stop   / Start	Stop / Start   System failure     Signal     Signal   Si	Stop	Stop

REPLACEMENT FILTER PART NUMBERS					
Model DeepPleat DUO Pre Filter Combined HEPA/Gas Filter					
AD 1000 iQ A1030222 A1030297					

TECHNICAL DATA					
	EU	US			
Dimensions (HxWxD)	1197 x 600 x 790mm	47.1 x 23.6 x 31.1"			
Cabinet Construction	Construction Brushed stainless steel / Powder coated mild steel				
Airflow / Pressure	850m³/hr / 100mbar	500cfm / 100mbar			
Electrical Data	230v 1ph 50/60Hz Full load current: 12.8 amps / 2.2kw	115v 60/50Hz Full load current: 19.5 amps / 2.2kw			
Noise Level	< 63dBA (at typical operating speed)	< 58dBA - with rear silencing boxes fitted			
Weight 140kgs		309lbs			
Approvals	CE				

DEEPPLEAT DUO PRE FILTER SPECIFICATIONS					
Surface Media Area	30m² approx				
Filter Media	Glass Fibre				
Filter Media Construction	Maxi Pleat Construction with Webbing Spacers				
Filter Housing	Zintec mild steel				
Filter Efficiency	F8 (95% @ 0.9 microns)				

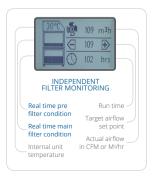
COMBINED HEPA/GAS FILTER SPECIFICATIONS					
Surface Media Area 7.5m² approx					
HEPA Filter Media	Glass Fibre				
HEPA Media Construction	Maxi Pleat Construction with Webbing Spacers				
Filter Housing	Zintec Mild Steel				
Treated Activated Carbon	34kgs				
Filter Efficiency	99.997% @ 0.3 microns				



#### AD 1500 iQ

High performance laser fume extraction system for applications in laser marking, coding and engraving.





#### **AD 1500 iQ**

The AD 1500 iQ high end laser extraction system combines extremely large filter capacity with high airflow and pressure rates, making it the ideal choice for heavy duty applications that generate large amounts of particulate and gaseous organic compounds.

Performance has been further enhanced with the inclusion of several features including BOFA's acclaimed patented iQ system, making the AD 1500 iQ one of the most advanced systems available.

Dimensions 1197 x 600 x 790mm

47.1 x 23.6 x 31.1"

Airflow/Pressure 1250m³/hr / 100mbar

735cfm / 100mbar

#### Technology























UNIT PART NUMBERS			OPTIO	ONS			
Model	Voltage	Part No.	24V Stop / Start	Filter change / System failure signal	VOC Monitoring	On-board Compressor	
AD 1500 iQ Powder Coated	230V 3Ph	L0862 L0863	A2001	A2002	A2003	A2007	

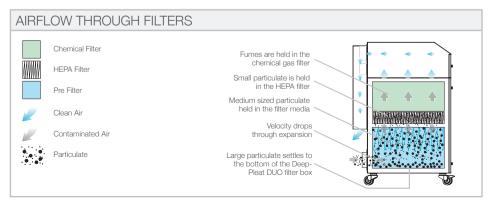
OPTION
Larger exhaust silencing boxes
A1060094

REPLACEMENT FILTER PART NUMBERS				
Model DeepPleat DUO Pre Filter Combined HEPA/Gas Filter				
AD 1500 iQ	A1030222	A1030297		

TECHNICAL DATA			
	EU		
Dimensions (HxWxD)	1197 x 600 x 790mm		
Cabinet Construction	Powder coated mild steel		
Airflow / Pressure 1350m³/hr (795cfm) / 100mbar			
Electrical Data	230v 1ph 50/60Hz Full load current: 24 amps / 3.3kw		
Liectifical Data	3Ph 7 amps per phase / 12 amps nautral		
Noise Level	< 63dBA At typical operating speed.		
Weight 145kgs (320lbs)			
Approvals	CE		

DEEPPLEAT DUO PRE FILTER SPECIFICATIONS		
Surface Media Area	30m² approx	
Filter Media	Glass Fibre	
Filter Media Construction	Maxi Pleat Construction with Webbing Spacers	
Filter Housing	Zintec mild steel	
Filter Efficiency	F8 (95% @ 0.9 microns)	

COMBINED HEPA/GAS FILTER SPECIFICATIONS		
Surface Media Area	7.5m <sup>2</sup> approx	
HEPA Filter Media	Glass Fibre	
HEPA Media Construction	Maxi Pleat Construction with Webbing Spacers	
Filter Housing	Zintec Mild Steel	
Treated Activated Carbon 34kgs		
Filter Efficiency 99.997% @ 0.3 microns		



# AD ORACLE IQ

The premier choice and best in class solution for **fume extraction** in laser **marking**, **coding and engraving** applications.





#### **AD Oracle iQ**

The AD Oracle iQ is our most technically advanced laser fume extractor, combining a powerful range of unique features into one compact unit.

This versatile unit can be used across a range of laser applications and the revolutionary auto-voltage sensing blower automatically self adjusts to run on any voltage worldwide.

Dimensions 980 x 430 x 430mm

38.5 x 17 x 17"

Airflow/Pressure 380m³/hr / 96mbar

223cfm / 96mbar

#### Technology





















Datasheet download bofa.co.uk/ad-oracle-iq



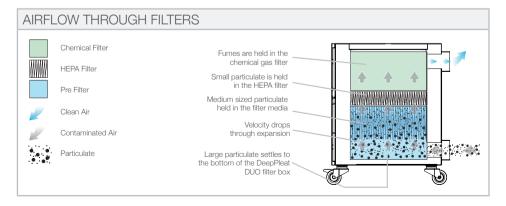
UNIT PART NUMBERS			OPTIONS		
Model	Voltage	Part No.	24V Stop / Start	Filter change / System failure signal	VOC Monitoring
UML 340 Powder Coated	90-257v	V1543-8200	A2001	A2002	A2003

REPLACEMENT FILTER PART NUMBERS				
Model	DeepPleat DUO Pre Filter Combined HEPA/Gas Filter			
UML 340 A1030156 A1030155				

TECHNICAL DATA				
	EU US			
Dimensions (HxWxD)	715 x 760 x 600mm 28.1 x 29.9 x 23.6"			
Cabinet Construction	Powder coated mild steel			
Airflow / Pressure	380m³/hr / 96mbar 223cfm / 96mbar			
Electrical Data	90 - 257v 1ph 50/60Hz Full load current: 12.5 amps / 1.1kw			
Noise Level	< 56 dBA (at typical operating speed)			
Weight	82kg 143lbs			
Approvals	CE			

DEEPPLEAT DUO PRE FILTER SPECIFICATIONS		
Surface Media Area	30m² approx	
Filter Media	Glass Fibre	
Filter Media Construction	Maxi Pleat Construction with Webbing Spacers	
Filter Housing	Zintec mild steel	
Filter Efficiency	F8 (95% @ 0.9 microns)	

COMBINED HEPA/GAS FILTER SPECIFICATIONS		
Surface Media Area	7.5m <sup>2</sup> approx	
HEPA Filter Media	Glass Fibre	
HEPA Media Construction	Maxi Pleat Construction with Webbing Spacers	
Filter Housing	Zintec Mild Steel	
Treated Activated Carbon	34kgs	
Filter Efficiency 99.997% @ 0.3 microns		



## UML 340

Base system designed **laser engraving** applications where a laser engraver can sit on top of the extractor, effectively doubling it up as a work station.



#### **UML 340**

The UML 340 plays on the success of the "best in class" AD Oracle with its DeepPleat DUO and auto-voltage blower in a compact base system. BOFA's easi-seal filter location makes filter change easy, quick and safe.

Dimensions

715 x 760 x 600mm 28.1 x 29.9 x 23.6"

Airflow/Pressure

380m³/hr / 96mbar 223cfm / 96mbar

Technology

























Datasheet download bofa.co.uk/uml-340

UNIT PART NUMBERS			OPTIONS		
Model	Voltage	Part No.	24V Stop / Start	Filter change / System failure signal	VOC Monitoring
UML 340 Powder Coated	90-257v	L1543-8200	A2001	A2002	A2003

REPLACEMENT FILTER PART NUMBERS					
Model	DeepPleat DUO Pre Filter Combined HEPA/Gas Filter				
UML 340 A1030156 A1030155					

TECHNICAL DATA			
	EU	US	
Dimensions (HxWxD)	715 x 760 x 600mm	28.1 x 29.9 x 23.6"	
Cabinet Construction	Powder coated mild steel		
Airflow / Pressure	380m³/hr / 96mbar	223cfm / 96mbar	
Electrical Data	90 - 257v 1ph 50/60Hz Full load current: 12.5 amps / 1.1kw		
Noise Level	< 56 dBA (at typical operating speed)		
Weight	82kg	143lbs	
Approvals	CE		

DEEPPLEAT DUO PRE FILTER SPECIFICATIONS			
Surface Media Area	12m² approx		
Filter Media	Glass Fibre		
Filter Media Construc- tion	Maxi Pleat with webbing spacer		
Filter Housing	Zintec mild steel		
Filter Efficiency	F8 (95% @ 0.9 microns)		

COMBINED FILTER SPECIFICATIONS		
HEPA Filter Media	Glass Fibre	
HEPA Media Construction	Maxi Pleat Construc- tion with Webbing Spacers	
Filter Efficiency	99.997% @ 0.3 microns	
Treated Activated Carbon	15kgs	
Filter Housing	Zintec Mild Steel	

