



Fume Extraction Systems for GCC Lasers



Use in malls, offices, shops, schools, colleges and any place where installing a fixed extraction system is not possible!

- Filters fumes from GCC lasers.
- Allows GCC lasers to be positioned anywhere in the building.
- Avoids problems with laser fumes entering a central extraction system.
- Avoids the need to drill holes for ductwork in the wall or roof.
- High performance filters deliver long life.
- Helps compliance with health and safety laws such as COSHH and OSHA.
- Protects the health and welfare of employees.
- Delivers a cleaner more pleasant work environment.
- Protects the environment as laser fumes are not pumped into the atmosphere.

"The Future of Fume Extraction"

System Features...

- Automatic electronic flow control - maintains a constant extraction rate even as the filter blocks
- Adjustable airflow to prevent drag marks
- VariColour filter blocked warning system
- Low capital and running costs

- Quick change, patented Labyrinth™ pre-filters deliver longer filter life
- Submicronic (HEPA) filtration removes 99.997% of particles down to 0.3 microns
- Activated carbon filtration removes harmful gas

- Simple to install and quiet in operation
- Easy to relocate
- Precision made from stainless steel
- Gas sensors on the exhaust for extra security



Supplied with every machine purchase

1 Labyrinth Pre-filter

+ 1 HEPA filter + 1 Carbon Filter

Other machines are available to serve multiple lasers



Xbase 400

230V - 0AL4140
50/60Hz | 1.2kW
120V - 0AL4145
50/60Hz | 1.1kW
100V - 0AL4146
50/60Hz | 1.1kW

Standard Filters:

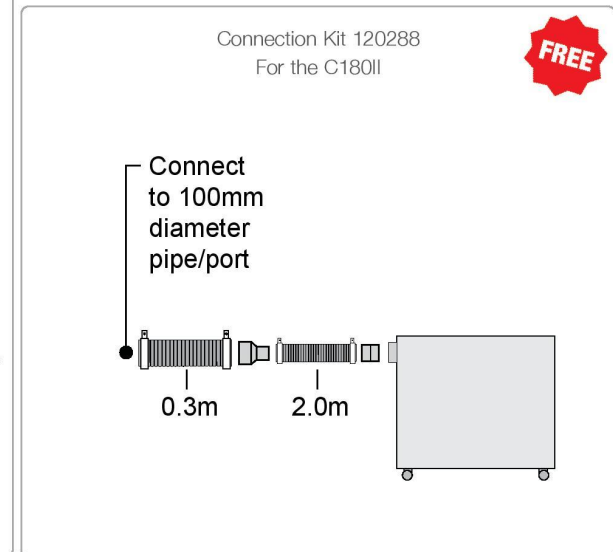
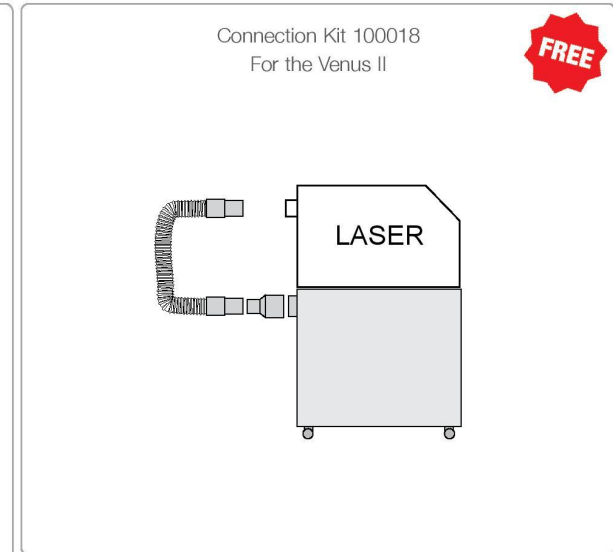
111125 - F8/F9 Labyrinth Pre-filter
110553 - HEPA filter
110554 - 20 litre carbon filter

Alternative Filters:

111114 - Cascade Pre-filter (for materials where large amounts of particles / sticky particles are produced e.g. rubber, MDF) - Use as an alternative to the standard 111125 Labyrinth Pre-filter.

110548G - 40 litre carbon filter (for materials where large volumes of gas are produced e.g. acrylic) - Use as an alternative to the standard 110554 Carbon filter.

* If you mainly use acrylic material select the 800i 3-Tier machine.



System Features...

- Automatic electronic flow control - maintains a constant extraction rate even as the filter blocks
- Adjustable airflow
- Clear and informative graphic display
- Gas and Particle Sensors on the exhaust

- Low capital and running costs
- Quick change patented Labyrinth pre-filters deliver longer filter life
- Submicronic (HEPA) filtration removes 99.997% of particles down to 0.3 microns

- Activated carbon filtration removes harmful gas
- Simple to install and quiet in operation
- Easy to relocate and precision made from stainless steel



Supplied with every machine purchase

2 Labyrinth Pre-filters

+ 1 HEPA/Carbon filter

Other machines are available to serve multiple lasers



H230CS Area 15.3x15.7"	LFC Area 27.5x15.7"
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Mercury III
Area 25x18"



Spirit • Spirit LS • S290LS • X252
Area 25x18"



H230 Area 23.6x16"	FMC 280 Area 28x14.5"
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400i

230V - 0LX4010D

50/60Hz | 1.2kW

120V - 0LX4013D

50/60Hz | 1.1kW



Standard Filters:

Labyrinth Pre-filter - 202271

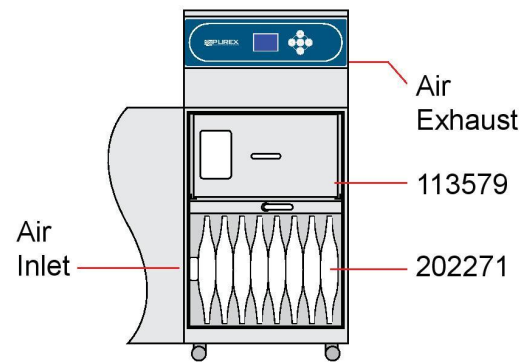
HEPA/Carbon Filter - 113579

* If you mainly use acrylic material select the 800i 3-Tier machine. If you use lots of rubber material select the 800i 2-Tier machine.

IMPORTANT NOTE:

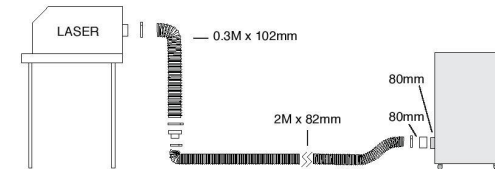
Not for use with the FMC280 if potentially explosive materials such as titanium are being processed.

400 m³/hr • 9.9 kPa



h 1070mm | w 465mm | d 513mm • 60kg

Connection Kit 120288
For the H230CS, LFC, Mercury III, Spirit, Spirit LS, S290LS, X252, H230, FMC280



System Features...

- Automatic electronic flow control - maintains a constant extraction rate even as the filter blocks
- Adjustable airflow
- Clear and informative graphic display
- Gas and Particle Sensors on the exhaust

- Low capital and running costs
- Quick change patented Labyrinth pre-filters deliver longer filter life
- Submicronic (HEPA) filtration removes 99.997% of particles down to 0.3 microns

- Activated carbon filtration removes harmful gas
- Simple to install and quiet in operation
- Easy to relocate and precision made from stainless steel



Supplied with every machine purchase

2-Tier = 2 Labyrinth Pre-filters + 1 HEPA/Carbon filter
 3-Tier = 2 x Labyrinth Pre-filters + 1 HEPA/Carbon filter
 + 1 Carbon filter



Spirit GLS
 Area 38x24"



MG380 Hybrid • X380
 Area 38x24"



ACRYLIC

Acrylic Processing

800i 2 Tier

230V - 080502D
 50/60Hz | 2.4kW
 120V - 080503D
 50/60Hz | 2.2kW

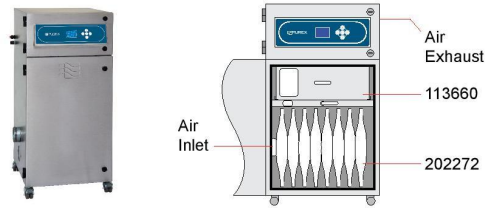
Standard Filters:
 Labyrinth Pre-filter - 202272
 HEPA/Carbon Filter- 113660

Ideal if you process mainly rubber materials!

* If you mainly use acrylic material select the 800i 3-Tier machine.

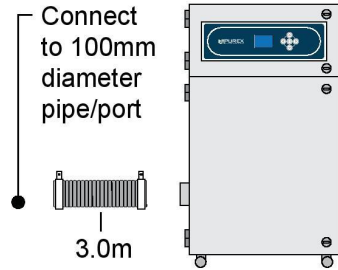
Supplied with 2 Labyrinth Filters

800 m3/hr • 9.9 kPa



h 1143mm | w 571mm | d 670mm • 80kg

Connection Kit 100107
 For Spirit GLS, MG380 Hybrid, X380



Connect to 100mm diameter pipe/port
 3.0m

800i 3 Tier

230V - 080501D
 50/60Hz | 2.4kW
 120V - 080500D
 50/60Hz | 2.2kW

Standard Filters:
 Labyrinth Pre-filter - 202273
 HEPA/Carbon Filter - 113652
 Carbon Filter - 113651

Ideal if you process mainly Acrylic materials!

* If you mainly use rubber material select the 800i 2-Tier machine.

Supplied with 2 Labyrinth Filters

800 m3/hr • 9.9 kPa



h 1143mm | w 571mm | d 670mm • 90kg

Connection Kit Depends on Laser - Call

Other machines are available to serve multiple lasers

System Features...

- Automatic electronic flow control - maintains a constant extraction rate even as the filter blocks
- Adjustable airflow
- Clear and informative graphic display
- Gas and Particle Sensors on the exhaust

- Low capital and running costs
- Quick change patented Labyrinth pre-filters deliver longer filter life
- Submicronic (HEPA) filtration removes 99.997% of particles down to 0.3 microns

- Activated carbon filtration removes harmful gas
- Simple to install and quiet in operation
- Easy to relocate and precision made from stainless steel



Supplied with every machine purchase
1 Labyrinth Pre-filter + 1 x HEPA/Carbon filter

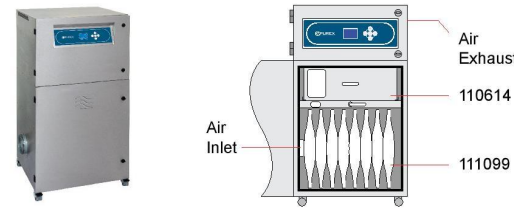
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1500i

230V - 0LX1510D
50/60Hz | 1.5kW
120V - 0LX1511D
50/60Hz | 1.5kW
Labyrinth Pre-filter - 111099
HEPA/Carbon Filter - 110614

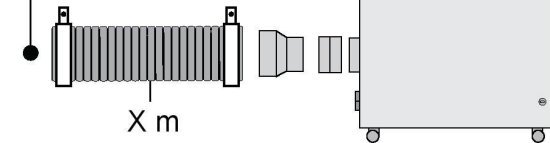
1500 m³/hr • 4.7 kPa



h 1400mm | w 725 mm | d 726 mm • 150kg

Connection Kit Special

Connect to 200mm diameter pipe/port



*Or for extra
airflow use ...*

2000i

400V 3ph+N - 0LX2010D
50/60Hz | 3.0kW
220V 3ph+N - 0LX2011D
50/60Hz | 3.0kW
Labyrinth Pre-filter - 111099
HEPA/Carbon Filter - 110614

2000 m³/hr • 6.3 kPa

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