



## 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



#### Venus II

Area 11.8x8.3"

#### 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

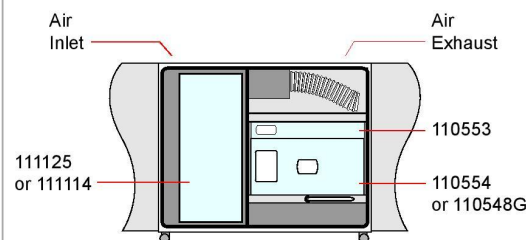
#### Alternative Filters:

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.

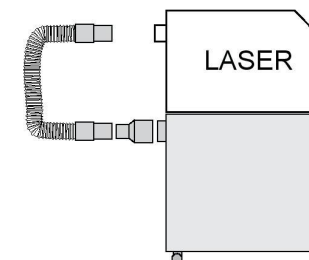
400 m3/hr • 9.9 kPa



h 710mm | w 720mm | d 735mm • 105kg

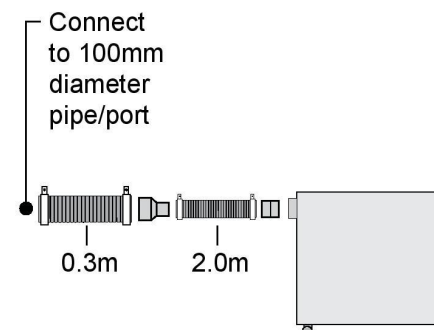
Connection Kit 100018

For the Venus II



Connection Kit 120288

For the C180II





#### 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



### 400i

230V - 0LX4010D

50/60Hz | 1.2kW

120V - 0LX4013D

50/60Hz | 1.1kW

Supplied  
with 2  
Labyrinth  
Filters

#### Standard Filters:

Labyrinth Pre-filter - 202271

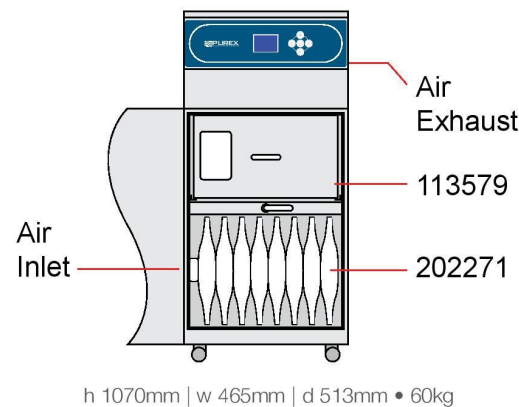
HEPA/Carbon Filter - 113579

\* 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:

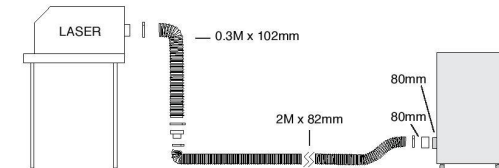
Not for use with the FMC280 if potentially explosive materials such as titanium are being processed.

400 m3/hr • 9.9 kPa



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

FREE



### 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 Processing**

### 800i 2 Tier

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

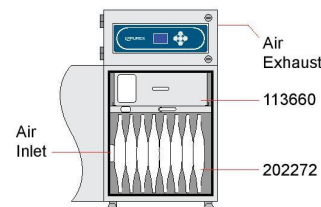


**Standard Filters:**  
Labyrinth Pre-filter - 202272  
HEPA/Carbon Filter- 113660

**Ideal if you process mainly rubber materials!**

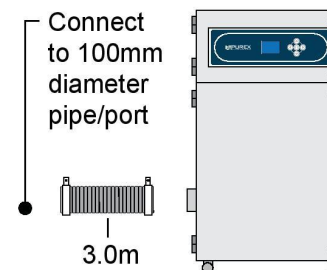
\* If you mainly use acrylic material select the 800i 3-Tier machine.

**800 m3/hr • 9.9 kPa**



h 1143mm | w 571mm | d 670mm • 80kg

Connection Kit 100107  
For Spirit GLS, MG380 Hybrid, X380



### 800i 3 Tier

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

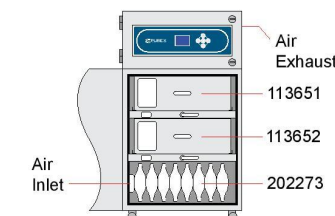


**Standard Filters:**  
Labyrinth Pre-filter - 202273  
HEPA/Carbon Filter - 113652  
Carbon Filter - 113651

**Ideal if you process mainly Acrylic materials!**

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

**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

Other machines are available to serve multiple lasers



**T500**  
Area 51x35"

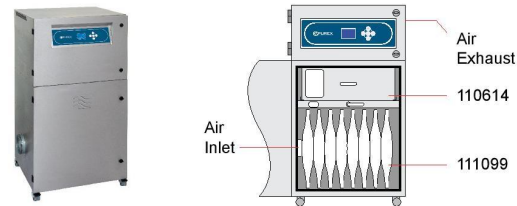


**X500III**  
Area 51.1x36.1"

### 1500i

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

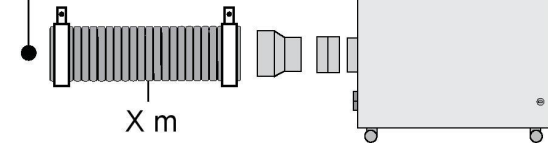
**1500 m3/hr • 4.7 kPa**



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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