

# Camfil City Air Purifiers



	City Touch	City M
Particle CADR (m <sup>3</sup> /h) (Clean Air Delivery Rate)	500	433
Sound Level Pressure <sub>max</sub> [dB(A)]	0 - 66	0 - 53
Effective Room Size (m <sup>2</sup> )	60	75
Control Panel	Touch Panel	Button
Sensor	Particle/VOC	-
Energy consumption (W)	40	55
Voltage (V)	220-240	200-240
Dimension (mm)	340x388x496	345x340x720

\*The relevant parameters about & City Touch measured by Third-party testing agency under the specific laboratory conditions according to the China standard GB/T18801 2015 "air purifier"

\* The HEPA filters used in City M are tested according to EN1822:2009. Clean Air delivery rate is tested according to ANSI/AHAM AC-1-2006

[www.camfil.com](http://www.camfil.com)

201805



Air Purifiers | City Range

# City Touch



  
**500** m<sup>3</sup>/h  
Particle CADR

  
**60** m<sup>2</sup>  
Effective Room Size

01  
Inlet Cover



03  
VOC Filter

04  
Final Filter

02  
PRE Filter



PRE Filter

Filtration of hair, cotton and other large dust;  
Reusable after cleaning, no need to be replaced.



VOC Filter

Effective removal of indoor odor, secondhand smoke and volatile organic compounds VOC; Camfil unique coconut shell activated carbon with large surface area. The property is equivalent to 5 times that of ordinary activated carbon.



Final Filter

Remove all kinds of particulates, dust mites, pollen and so on;  
PM1 efficiency 99.9%.

# Features

## Outlet PM 2.5 "0"

With unique structure and compression seal technology, one time purification efficiency is as high as 99.8%.



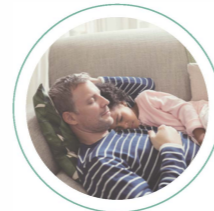
## Double Airflow

Dual Air intake drawing in contaminated air from two sides. Twice the air volume meaning more effective purification, Lower energy consumption and longer filter life



## DC Mute Fan

Effectively reducing noise and resistance. City air purifiers are quieter and energy saving.



## 3 Stage Purification

Both sides are equipped with cleanable PRE filter, VOC filter and Final HEPA particle filter to achieve 3 stage purification. Activated carbon filter is placed in front of the particulate filter, preventing the spillover of activated carbon to affect the performance of fan and air quality.



## 8m/s Air Velocity

Based on aerodynamic design the clean air spirals upwards, circulating quickly to reach every corner of the room



## Timer Setting

The timer can be set for 2H, 4H, 8H, and 12H.



## Air Quality Indicator

With Particulate and TVOC sensors, the indicator reflects indoor air quality into a traffic light system of air quality - Green - good, Yellow - normal, Red - poor



# City M

**433** m<sup>3</sup>/h  
Particle CADR

**75** m<sup>2</sup>  
Effective Room Size



## Absolute™ HEPA H13



Camfil Absolute HEPA is mainly used for filters above H13. Each filter is tested to MPPS efficiency and reports are attached. The quality is traceable.

Outlet  
PM 2.5 "0"

Equipped with Dual Absolute HEPA H13, it can effectively remove 99.97% MPPS (most penetrating particle size).

Two-in-one  
Filter

Equipped with Camfil two-in-one combined filter, including Absolute HEPA H13 and activated carbon filter.

Fan

Equipped with EC fan which effectively reduces noise and resistance, saves energy efficiently.

Medical  
level  
Purification

With ECARF European anti allergy authority certification, it can significantly reduce air pollens, bacteria and mold, suitable for allergic and intolerant populations.



## Two-in-one filter

### Absolute™ HEPA H13 filter

Effective removal of particles, dust mites and pollen and effectively filters 99.97% MPPS.

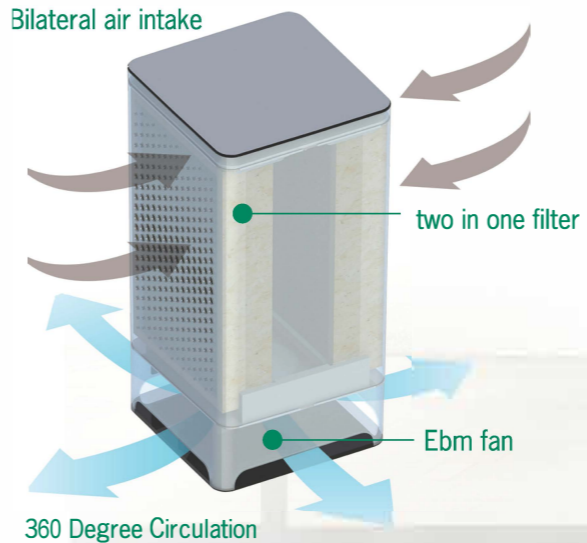


### GigaPleat High Performance Molecular Filter

Effective removal of indoor odour, secondhand smoke and volatile organic compounds TVOC; using unique coconut shell charcoal, adsorption capacity is equivalent to 5 times that of ordinary activated carbon.

▲ The picture shows 2 sides of two-in-one filter. Two filters per machine.

Bilateral air intake



Cover

two in one filter

Ebm fan

360 Degree Circulation



6 speed regulation  
Nordic simplified style

# Camfil - Clean Air Solutions



Sieve effect    Inertia effect    Interception effect    Diffusion effect

Physical purification, no static electricity, no ozone, no volatiles.

Reduce particles of different size through sieve effect, inertia effect, interception effect and diffusion effect.

For particles larger than 1 µm: inertia effect and interceptor effect

For particles smaller than 1 µm: diffusion effect



### Patent "V" type channel

Camfil's unique CMS™ patent pleating technology, which optimizes the depth and spacing of air flow channel, significantly reduces pressure drop and prolongs the service life.

### Injection gasket to ensure leakage free

With automatic injection gasket, the filter can be compressed closely to the frame of the purifier to prevent leakage.

### Rigorous scanning test

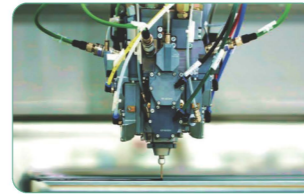
Each HEPA or higher class filter needs to pass the MPPS\* (the most penetrative particle size) efficiency scanning test according to EN1822, and has one-to-one test report.



Self developed pleating equipment



EN779/ISO16890 test rig



Sealing gasket injection equipment



EN1822 scanning test rig

\*According to the European EN1822:2009 standard, MPPS refers to most penetrating particle size for the filter medium, which is usually between 0.1~0.2µm.

# Camfil's Unique High-Quality Molecular Filtration Media



CamPure Molecular Filtration Media

CamPure is a high quality chemical adsorbent based on activated alumina, treated with a specific impregnation system to target oxidisable acidic gases and formaldehyde, which are mainly found in traffic gas pollution and home decoration. It is produced in Camfil's modern state of the art manufacturing plant according to strict QA procedures. CamPure utilises a chemical adsorption mechanism and has good removal capacity for previously adsorbed target contaminants may not be subsequently desorbed into the clean air. The spherical particle geometry allows for low pressure drop characteristics and even airflows across media beds and filters. It is also ISO 10121-1 : 2014 tested media.



Coconut Shell Activated Carbon

Coconut Shell is a very high quality grade of activated carbon that has an adsorptive capacity towards a very wide range of volatile organic gases and odours. This material is extremely useful when the exact nature of the contaminants has not been determined. In nearly all cases, these materials can be used with confidence to provide effective control of identified or unknown vapours. It has wide application in airports, commercial buildings, industrial applications and fresh air make-up.






Camfil's unique full-size molecular filter test rig


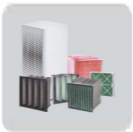










# Camfil

The Camfil Group is headquartered in Stockholm, Sweden, and has 28 manufacturing sites, six R&D centres, local sales offices in 26 countries, and 4,180 employees and growing. We proudly serve and support customers in a wide variety of industries and in communities across the world.



-  Camfil Headquarter
-  Production Plants (including Sales)
-  Sales Companies
-  Representative Offices

# Camfil Group

FILTERS			AIR POLLUTION CONTROL		POWER SYSTEMS
 <p><b>COMFORT</b></p>  <ul style="list-style-type: none"> <li>• Comfortable Ventilation</li> <li>• Offices</li> <li>• Museums</li> <li>• Schools</li> <li>• Airports</li> </ul>	 <p><b>CLEAN PROCESS</b></p>  <ul style="list-style-type: none"> <li>• Food</li> <li>• Microelectronics</li> <li>• Hospitals</li> <li>• Life Science</li> </ul>	 <p><b>INDUSTRIAL</b></p>  <ul style="list-style-type: none"> <li>• Warehouses</li> <li>• Foam Industry</li> <li>• Petrochemical</li> <li>• Pulp &amp; Paper</li> </ul>	 <p><b>CONTAINMENT</b></p>  <ul style="list-style-type: none"> <li>• Biosafety Labs</li> <li>• Nuclear</li> <li>• Chemical/Bio Protection</li> <li>• Healthcare</li> </ul>	 <p><b>AIR POLLUTION CONTROL</b></p>  <ul style="list-style-type: none"> <li>• Life Sciences/ Pharmaceutical</li> <li>• Oral Solid Dosage</li> <li>• Metal Working</li> <li>• Mining</li> </ul>	 <p><b>POWER SYSTEMS</b></p>  <ul style="list-style-type: none"> <li>• Power Generation</li> <li>• Compressors</li> <li>• Oil &amp; Gas</li> </ul>