

## DELOS ESSENTIALS ODOUR FILTER

The Delos Essentials Odour Filter helps mitigate offensive odours and targets harmful organic pollutants that can be off-gassed by building materials, furniture and finishings. Purifying the air from such pollutants helps reduce the risk of headaches, nausea and irritation to the eyes, nose and throat.



**DETAILED SPECIFICATIONS ESSENTIALS ODOUR FILTER:**

<b>Model</b>	DWAIR001APC
<b>Product dimensions (mm)</b>	595x550x95
<b>Rated airflow</b>	416 L/sec @ 1.27 m/sec
<b>Initial resistance</b>	40 Pa @ 1.27 m/sec
<b>Number of pleats</b>	23 pleats
<b>Media area</b>	2.6 square meters
<b>Filter weight</b>	2.0kg
<b>Frame material</b>	Cardboard
<b>Recommended replacement timing</b>	Up to 6 months*

\*The lifetime of a pleated activated carbon filter depends on the makeup and amount of gaseous contaminants being filtered and the amount of particulate captured. The life estimate is modelled on TVOC levels detailed in a single scientific study and is for homes that are more than 24 months old with 30% daily system usage. For newer homes, filter life will be decreased. This life estimate should be treated as a guideline only as real world performance will vary.

## DELOS ESSENTIALS PARTICLE FILTER

The Delos Essentials Particle Filter efficiently targets very small particles (3-10 micron) that can infiltrate the home from outdoors, or be caused by household dust, pollen, mold spores, smoke, dander and excrement produced by pets, pests and insects. Purifying the air from these particles can help reduce threats to respiratory, heart and lung health, and mitigate triggers for asthma, hay fever and other respiratory allergies.



**DETAILED SPECIFICATIONS ESSENTIALS PARTICLE FILTER:**

<b>Model</b>	DWAIRO01BP
<b>Product dimensions (mm)</b>	595x550x95
<b>Rated airflow</b>	416 L/sec @ 1.27 m/sec
<b>Intitial resistance</b>	20 Pa @ 1.27 m/sec
<b>Number of pleats</b>	19 pleats
<b>Media area</b>	2.1 Square Meters
<b>Filter weight</b>	1kg
<b>Frame material</b>	Cardboard
<b>Recommended replacement timing</b>	12 months***

\*\*\*Filter life will vary depending on the amount of particulates in the air. If the amount of air coming through your ducted system has decreased significantly you may need to change the filter prior to the recommended change out time.

## DELOS PRO ODOUR FILTER

The Delos Pro Odour Filter helps mitigate offensive odours and target harmful organic pollutants that can be off-gassed by building materials, furniture and finishings. Purifying the air from such pollutants can help reduce the risk of headaches, nausea and irritation to the eyes, nose and throat. The superior construction and high carbon mass of this filter limits air leakage and enables a longer lifespan than the Delos Essentials Odour Filter.



**DETAILED SPECIFICATIONS PRO ODOUR FILTER:**

<b>Model</b>	DWAIR001PO
<b>Product dimensions (mm)</b>	595x550x95
<b>Rated airflow</b>	416 L/sec @ 1.27 m/sec
<b>Initial resistance</b>	42 Pa @ 1.27 m/sec
<b>Number of pleats</b>	40 pleats
<b>Media area</b>	4.4 square meters
<b>Filter weight</b>	6.0 kg
<b>Frame material</b>	Galvanised Steel
<b>Recommended replacement timing</b>	Up to 12 months*

\*The lifetime of a pleated activated carbon filter depends on the makeup and amount of gaseous contaminants being filtered and the amount of particulate captured. The life estimate is modelled on TVOC levels detailed in a single scientific study and is for homes that are more than 24 months old with 30% daily system usage. For newer homes, filter life will be decreased. This life estimate should be treated as a guideline only as real world performance will vary.

## DELOS PRO PARTICLE FILTER

The Delos Pro Particle Filter efficiently targets very small particles (3-10 microns) that can infiltrate the home from outdoors, or that are caused by household dust, pollen, mold spores, smoke, dander and excrement produced by pets, pests and insects. Purifying the air from these particles can help reduce threats to respiratory, heart and lung health, and mitigate triggers for asthma, hay fever and other respiratory allergies. The superior construction of this filter limits air leakage and enables a longer lifespan than the Delos Essentials Particle Filter.



**DETAILED SPECIFICATIONS PRO PARTICLE FILTER:**

<b>Model</b>	DWAIRO01PP
<b>Product dimensions(mm)</b>	595x550x95
<b>Rated airflow</b>	416 L/sec @ 1.27 m/sec
<b>Intitial resistance</b>	18 Pa @ 1.27 m/sec
<b>Number of pleats</b>	17 pleats
<b>Media area</b>	1.9 Square Meters
<b>Filter weight</b>	2.7kg
<b>Frame material</b>	Galvanised Steel
<b>Recommended replacement timing</b>	12 months***



## DELOS MERV13 PARTICLE FILTER

The Delos Merv13 Particle Filter is designed to be used in conjunction with the Delos Particle Filter (Basic). The Merv 13 filter is specifically designed to capture small particles in the range of PM1 and PM2.5. Designed with Asthma sufferers in mind this filter is recognized by the Asthma Councils Sensitive Choice program as a product that is suitable for sensitive groups including asthmatics, hay fever sufferers and others with respiratory issues.

The Merv 13 filter provides sustained efficiency with a low pressure drop. The Filtration Media is 100% synthetic and will not absorb moisture or support microbial growth.



### DETAILED SPECIFICATIONS MERV 13:

<b>Model</b>	DWAIRO01MV
<b>Product Dimensions(MN)</b>	595x550x95mm
<b>Rated Airflow</b>	416 L/sec @ 1.27 m/sec
<b>Initial resistance</b>	30Pa @ 1.27 m/sec
<b>Number of pleats</b>	19 pleats
<b>Media Area</b>	2.1 Square Meters
<b>Filter weight</b>	1kg
<b>Frame material</b>	Cardboard
<b>Recommended replacement timing</b>	12 months***

#### Features

- 100% Continuous hydrophobic polyolefin fibres coupled with proprietary electrostatic treating technology
- Continuous fibres to prevent fibre shredding
- Media maximising V-Pleat design
- Expanded metal grid prevents media flutter while in operation
- Diagonal and horizontal support members provide frame strength
- Moisture resistant beverage board
- MERV 13 Rating as per ASHRAE 52.2

#### Composite Efficiency %

The Delos Merv13 Particle Filter targets smaller sized particles, PM1 and PM2.5 particles.

Particle Size, $\mu\text{m}$	0.3-0.4	0.4-0.5	0.5-0.7	0.7-1.0	1.0-1.3	1.3-1.6	1.6-2.2	2.2-30	3.0-4.0	4.0-5.5	5.5-7.0	7.0-10.0
<b>Composite Min.</b>	28.4	30.8	36.5	57.3	80.3	90.9	96.4	98.3	98.9	98.6	97/2	97.0

