



*Top image: Duovee 2-pocket Filter
Left: Trioee 3-pocket Filter
Note: Filters pictured with optional mounting frame*

Duovee™ & Trioee™ Deep bed air filters

Description

Duovee (2-pocket) and Trioee (3-pocket) filters are suitable for a wide range of general air conditioning applications in office, shopping centres, hotels, public buildings, hospitals, pharmaceutical factories and other industries requiring clean conditions. The bags are self supporting and particularly suitable for variable air volume systems.

No Pre-Filter

Duovee bags are manufactured from synthetic fibres, specially blended to provide two stages of filtration and maximum dust holding capacity.

The combination of 'first' and 'second' stage filtration eliminates the need for separate pre-filter arrangements, therefore providing very considerable savings in space and capital cost.

Long-Life

The 'filtration in depth' properties of the two stage media provide for very high dust holding capacities and therefore prolonged filter life between bag replacements.

Simple Bag Replacement

Duovee and Trioee bags are attached to a support wire header which in turn is installed within the outer holding frame fixture. Removal and replacement of the bag 'modules' is therefore simple and speedy.

Product data - Duovee & Triovee bag filters

Further information on Duovee & Triovee accessories and alternative media types is available on request from your nearest AES Environmental sales office.

Description	DV66/DGH20	DV66/DG50	DV64/DGH20	DV64/DG50	TR66/DGH20	TR66/DG50
Performance rating	G4	F5	G4	F5	G4	F5
Test report reference	RALC00409AE	RALC00415AE	RALC00410AE	RALC00416AE	RALC00412AE	RALC00313
Part No. - repl. Media	52545-640	52548-640	52545-660	52548-660	52545-760	52548-540
Media type to AS1324.1.2.1	Type 1 Class B	Type 1 Class B	Type 1 Class B	Type 1 Class B	Type 1 Class B	Type 1 Class B
Dimensions* HxWxD (mm)	610x610x560	610x610x560	610x610x400	610x610x400	610x610x560	610x610x560
No. of Pockets	2	2	2	2	3	3
Rated capacity (m ³ /s)	0.944	0.944	0.944	0.944	0.944	0.944
Initial resistance (Pa) @ rated capacity	25	50	30	65	45	65
No.1 Dust average efficiency @ rated capacity	31.50%	43.00%	27.30%	53.00%	39.20%	40.68%
No.4 Dust holding capacity (g) @ rated capacity	1251	798	856	384	1446	680
Recommended final resistance (Pa) @ rated capacity	125	125	125	125	125	125
Max. operating temperature (°C)	120	100	120	100	100	100

Note: Filter specifications subject to change without notice.

Performance testing

Filters are tested to AS1324.2.4 and 5. Test laboratory is accredited by the National Association of Testing Authorities, Australia. Accreditation number 13213.

Performance tests are conducted at least once every 5 years within a controlled environment in accordance with NATA and Australian Standards requirements.

To request a current test report contact the sales team at your nearest AES Environmental branch.

Specification

Air filters shall be Email Air Handling (specify Duovee or Triovee), manufactured by AES Environmental.

Each filter unit shall consist of a fixed frame, media cartridge and retainer clips.

Fixed frame shall be constructed from galvanised mild steel of 1.6mm minimum thickness.

The media shall be manufactured from two stage non-woven synthetic filter media. It shall be of sufficient mechanical strength to resist tearing while in operation or during replacement.

Adhesives applied to the media shall set to a gel with zero migration under normal conditions of use.

Addresses

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