

TECHNICAL DATA SHEET

✉ sales@apreco.com

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Client Benefits

- Removable blades for improved maintenance.
- Biomaster antimicrobial protection as standard.
- Quiet day-to-day operation.
- Self-contained units.
- Low maintenance.
- Unique balancing system.

The VARI-centric® range of Air Pressure Stabilisers is designed for clean environments, such as Operating Theatres, Isolation Rooms, Pharmacies and Cleanrooms.

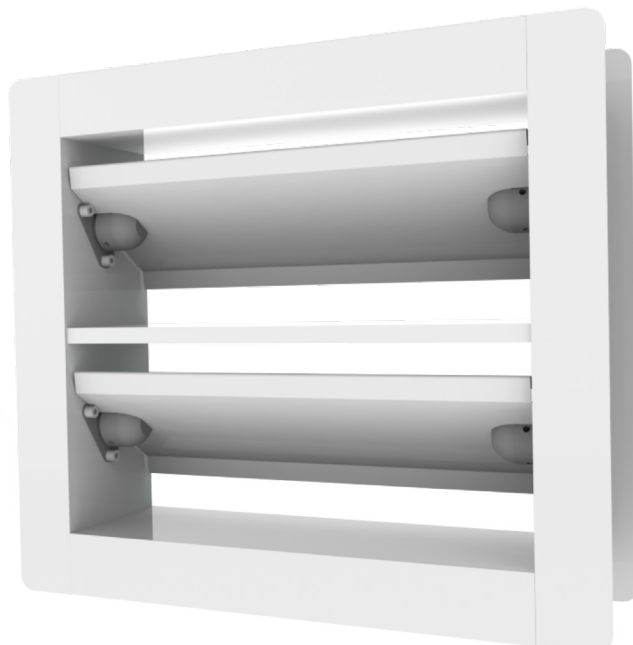
The VARI-centric® balancing system accurately controls the differential air pressure between adjacent rooms, with the blades closing fully as soon as the pressure differential drops below the required level. This diverts the airflow to pass through an open door forcing back airborne contamination without the need to alter the air extract and supply.

Positive pressurisation of Operating Theatres to protect them from the ingress of infectious agents passing through the open doors, by providing high air volume rates, is a well-established principle of hygiene and infection control, forming the fundamental principles on which Health Technical Memoranda HTM03-01 is based.

Following the philosophy of HBN 4-01 Supplement 1: Special ventilation isolation facilities for patients in acute settings, Air Pressure Stabilisers are utilised to control the pressure differential between the Lobby and Isolation room.

Within Cleanrooms, pressure stabilisers are used to facilitate the cascade of air pressures to maintain a sterile environment where facilities are conforming to ISO 14644-1.

Apreco VARI-centric® Air Pressure Stabilisers and associated products are supplied as standard with Biomaster, utilising Silver technology – which is already used extensively within the healthcare sector as excellent antimicrobial protection in conjunction with good hygiene practices. Biomaster is extremely effective in helping to protect against harmful bacteria including MRSA, E-coli, Salmonella and C-diff.



Product Data

Items:

Air Pressure Stabiliser with backing flange to fit a standard wall thickness range of 100 to 175mm. Deeper wall depths can utilise wall liner extension sections available in 65mm increments.

Standard Materials:

Aluminium frame with carbon steel blades.

Option:

Stainless steel 304/316, brushed finish blades.

Standard Finish:

RAL9010 powder coated Biomaster antimicrobial protection as standard. Alternative colours available on request.

Bearings:

Stainless Steel ball roller type 'sealed for life' ball bearings.

Pressure Control Range:

3 - 50Pa with a setting accuracy of +/- 1Pa over the operating range.

Adjustment:

On-site pressure setting adjustment.

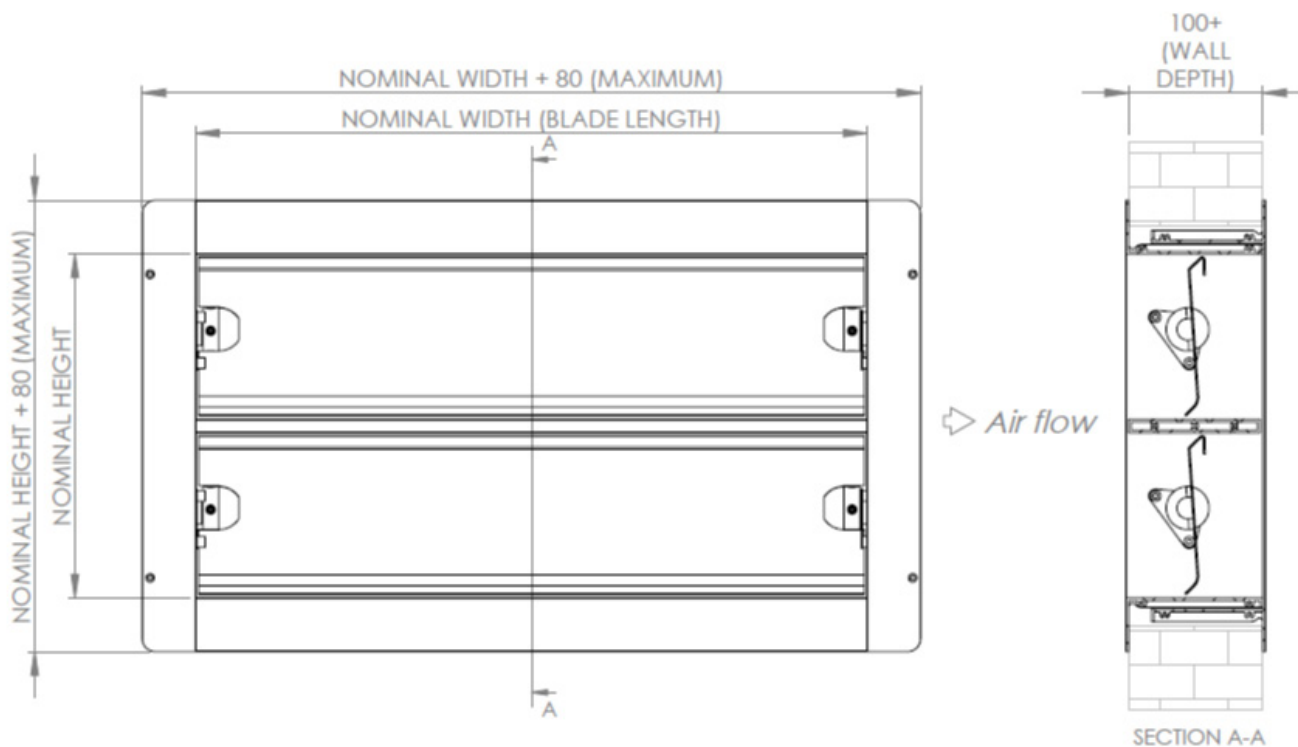
On-site volume flow rate adjustment (utilising optional flow rate adjustment arm).

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Dimensions



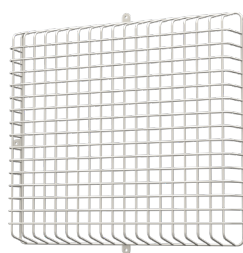
Accessories



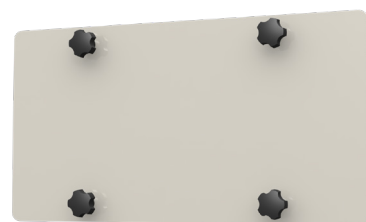
X-Ray Protection Screen



Laser Protection Screen



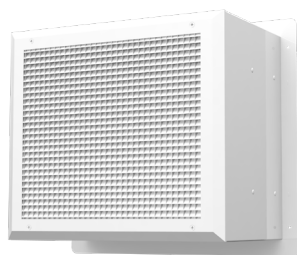
Protective Mesh Guard



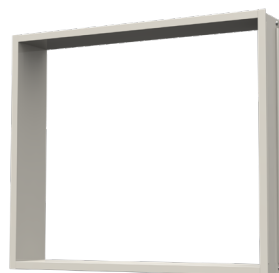
Fumigation Sealing Plate*



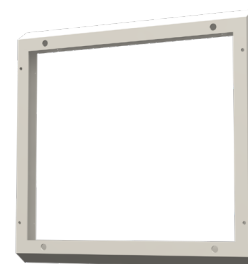
Air Baffle Screen



Light Reduction Assembly



Wall Extension Sleeve



Spacer

* Fumigation Sealing Plate to be ordered at the same time as the stabiliser. This cannot be retrofitted.