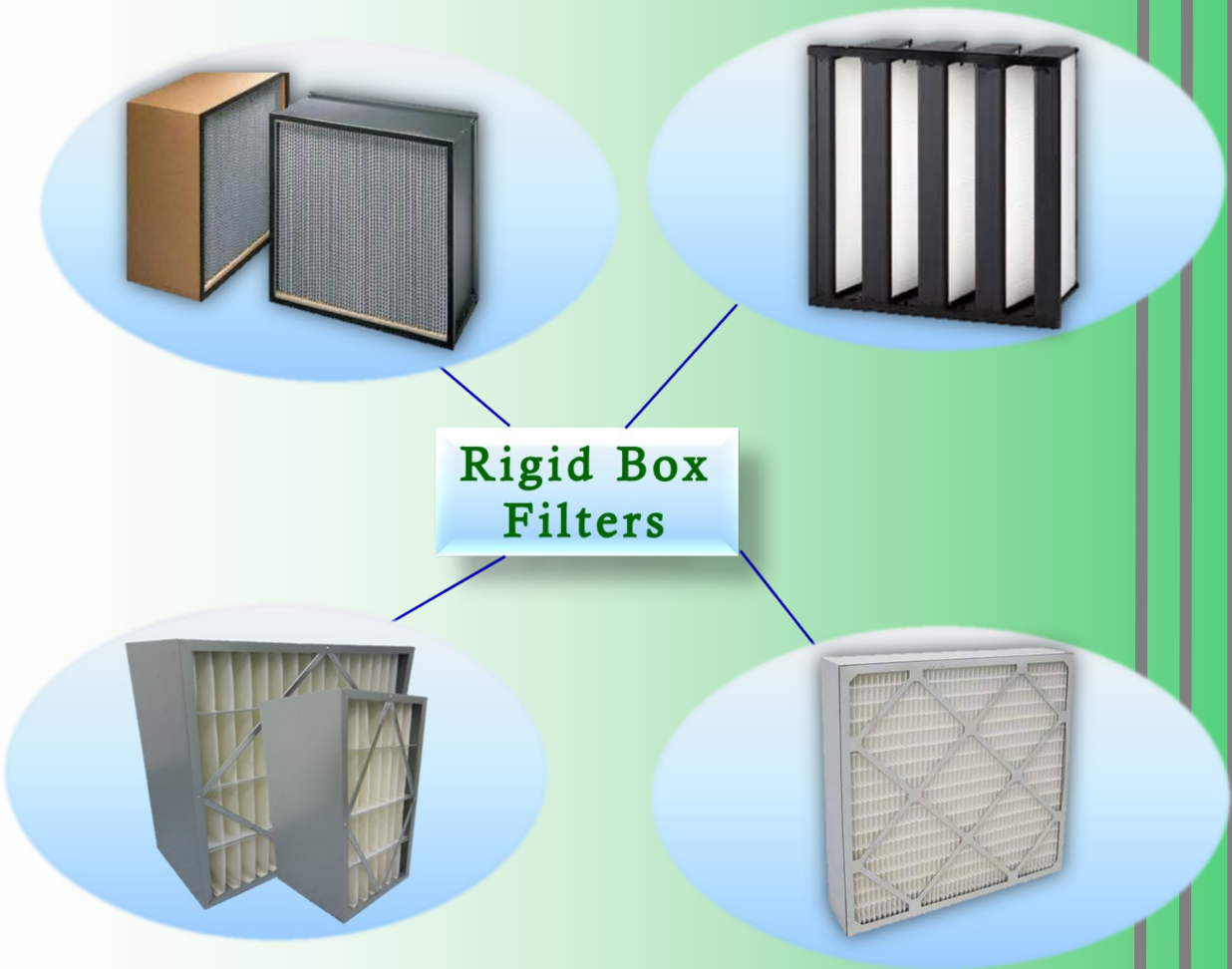
RIGID BOX FILTER:

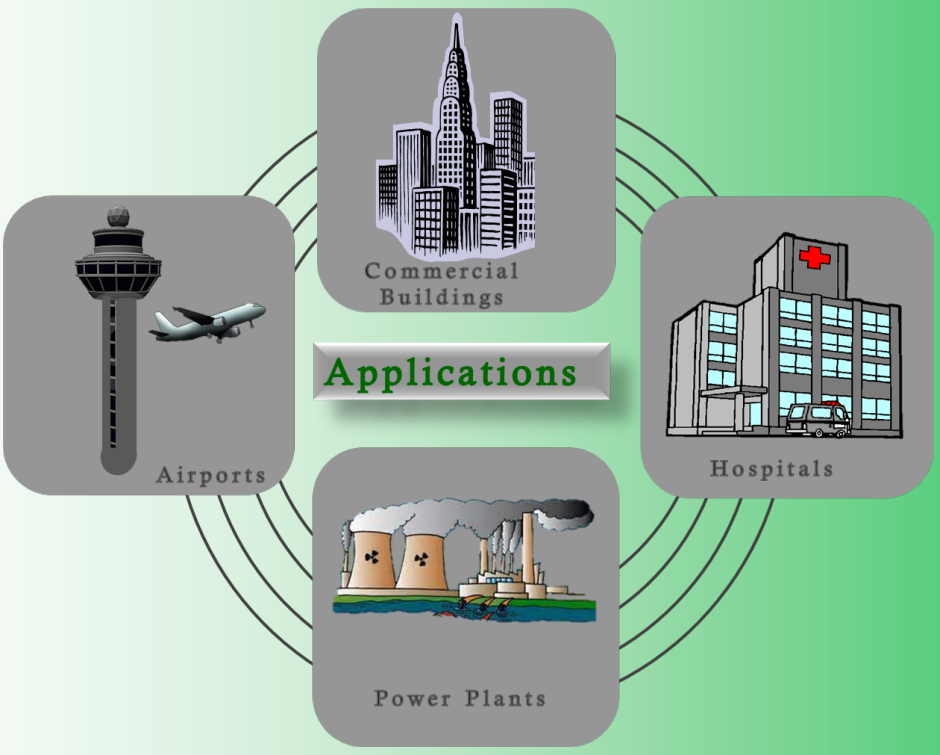
Euro-Rigid Box (EARB)

General

Euro-Rigid Box is a widely used type of filters, serving as the secondary stage of filtration. Almost a must-have, Euro-Rigid Box comes in different designs, catering to different needs and applications, such as Commercial Buildings, Hospitals, Microelectronic Industries, Pharmaceutical Industries, Airports, Museums, Power Plants and Laboratories. It can be found almost everywhere!!



Rigid Box Filter



EARB-SP is designed with neatly pleated glass-fibre media with a layer of corrugated-shaped aluminium foil between it. Being the 2nd generation of secondary filter, EARB-SP is now commonly used in various industries. Built in both wooden and metal frame, it caters to sensitive applications such as high air volume, harsh and corrosive environment as well as heavy duty applications. Gas Turbine (GT) version is available in metal casing with additional layer of faceguards, usually used in harsh condition environment, such as power plants.

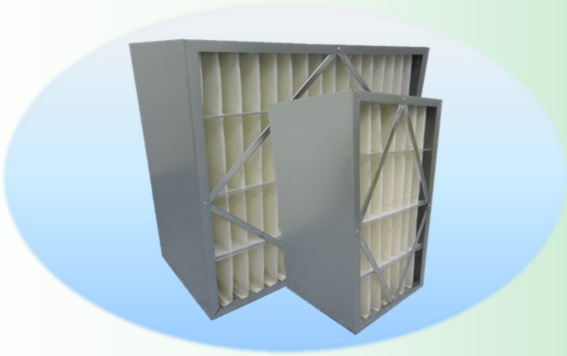
EARB-SP Standard Construction:

- Casing: Wooden Particle Board/GI/Aluminium/ Stainless Steel
- Media: Glass-Fibre Media with Aluminium Foil Separators

EARB-V is designed using the latest state-of-the-art technology. Built in a V-shaped construction, it allows EARB-V to increase media area tremendously for maximum usage, while sustaining a low initial pressure drop. The unique plastic frame makes the filter light in weight and easy for handling during installation.

EARB-V Standard Construction:

- Casing: HIPS Plastic
- Media: Minipleat Glass-Fibre



EARB-DP is the 1st generation of Rigid Box filter created, and the only rigid box type that uses Synthetic media. Using a similar concept as pleated filters, the media is designed in deep pleat with a metal casing, to increase its rigidity. EARB-DP is the best economical choice in the rigid box filter range, very commonly used for Commercial Building applications.

EARB-DP Standard Construction:

- Casing: GI/Aluminium
- Media: Synthetic/Glass-Fibre

EARB-MC is a similar design to EARB-V. Using the same concept of media pleating (minipleat), this is a compact version with thickness of only 95mm. EARB-MC is commonly used in areas with concerns of space constraint, also typically for Commercial Building applications.

EAPA-MP Standard Construction

- Casing: Beverage Board/GI/Aluminium
- Media: Glass-Fibre

TM

EURO-AIRE

CONSTRUCTION CODE

Range	*Series*	*Size*	*Media*	*Frame / Header*	*Gasket / Faceguard*
EARB	**SP**	**4412**	**FF8**	**GS**	**AA**
EARB= Rigid Box	SP= Separator V= V-Bank DP= Deep Pleat MC= Minipleat Compact MC150= MC 6” MC300= MC 12”	***(W x H x D)*** ***4412***= 24x24x12” ***2412***= 12x24x12” ***4406***= 24x24x6” ***2406***= 12x24x6” ***4404***= 24x24x4” ***2404***= 12x24x4”	F= Glass-fibre S= Synthetic M6/F7/F8/F9= Efficiency	A= Aluminium G= Galvanised B= Beverage Board P= Plastic S= Stainless Steel W= Particle Board O= Others N= None S= Single D= Double	***A***= None ***B***= AES ***C***= ALS ***D***= Both Sides ***A***= None ***B***= AES ***C***= ALS ***D***= Both Sides

Notes:

≈ Size is based on Nominal Size. For exact size, refer to Technical Data Sheet.

≈ Gasket / Location: ***AES*** refers to Air Entry Side. ***ALS*** refers to Air Leaving Side.

≈ Odd sizes are available upon request. Please contact our local distributor for more information.