

BUILDING LOUVRES



LOUVRE CONCEPT

Bradflo quality weather louvres are generally used where a combination of reasonable air flow and weather protection are required. Louvres are also used architecturally, either incorporated into the building design to hide unsightly mechanical services plant and equipment, or purely for styling.

All installations may be customised to your specific requirements. Model specific dimensional information has been provided in this catalogue.

PERFORMANCE GUIDELINES

Technical information including performance data is contained in the Bradflo Air Handling Reference Catalogue and may be obtained from any of the contacts listed on the rear page of this brochure.

The technical information available includes guidelines concerning the potential weather keeping ability of the louvre. In particular there is a range of air velocities given for which the louvre will most likely exclude the entry of water. This aspect is one of the major factors to be considered in the selection of a suitable louvre to cope with the prevailing or potential weather conditions to which it may be exposed.

QUOTATIONS

Bradflo will submit quotes for supply only or supply and installation of any of the louvre systems. Customers are invited to avail themselves to our on site advisory and measuring service.

SUGGESTED TENDER SPECIFICATION

Supply and install, where indicated on the drawings. Bradflo MODEL... weatherproof louvres. Louvre blades and frames to be extruded aluminium, all sections mechanically fixed with cadplated brackets and screws. All louvres to have a continuous line appearance with concealed blade support brackets to manufacturers detail. Where indicated on the drawings louvres shall be fitted with birdwire or insect screens with a clear anodised or powdercoat finish. All louvres are to be free from damage after installation.

SELECTION PROCEDURE

Bradflo produces many different types of louvres and finishes depending on the performance and weather keeping requirements of your specific application. Following are common variables to consider when selecting our products.

SIZE

Louvre size is measured as X[width] x Y[height] and is a nominal value. For exact neck or face sizes refer to the drawings provided in this brochure. Some large louvres will need to be required in sections to accommodate transport and manufacturing considerations.

** Please note that exact measurements in this catalogue are subject to change without notification.*

DEPTH

Bradflo manufactures louvres in three thicknesses: 40mm, 80mm and 100mm.

BLADE TYPE

There are four main blade types: Vertical, Horizontal double raintrap, Horizontal single raintrap and Drainable Horizontal Blades.

FRAME TYPE

There are two frame types: Recessed Box Frame (R) or face mount Flanged frame (F).

SURFACE FINISH

The standard finish of Bradflo's louvres is a clear anodised aluminium. All Bradflo louvres can also be supplied with a powdercoat finish in a range of colours.

**Please specify when ordering.*

SCREENS

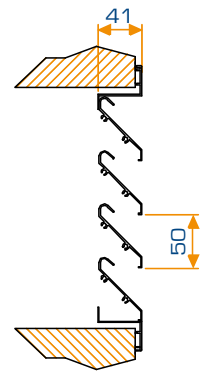
A standard louvre is supplied with 12x12mm galvanised birdwire mesh and where necessary louvres can be fitted with insect mesh.. Aluminium, brass or stainless steel meshes may also be fitted if required.

**Please specify when ordering.*

40 SERIES

AWLF40

- ∴ A general purpose 40mm deep horizontal blade louvre with moderate weather-keeping properties. Available in Flanged frame and single trap blades only.
- ∴ To be used for fresh air inlet and exhaust applications. The louvre has an attractive slimline appearance.

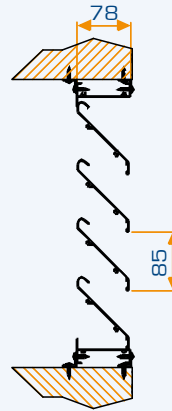


AWLF40

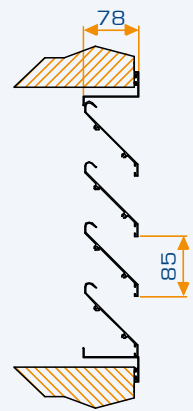
80 SERIES

AWL80

- ∴ Standard single raintrap 80mm deep louvre.
- ∴ The most common and cost effective louvre of the 80 series. Available with Flanged or Channel frames.



AWL80

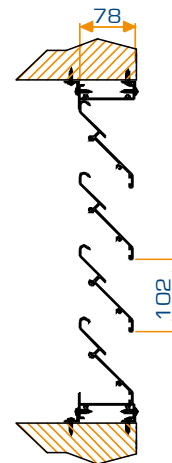


AWLF80

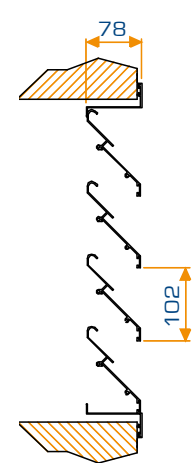
80 SERIES DOUBLE RAINTRAP

ADWL80

- ∴ Double raintrap 80mm deep louvre designed for increased weather resistance.
- ∴ Used for moderate conditions in exposed areas.



ADWL80



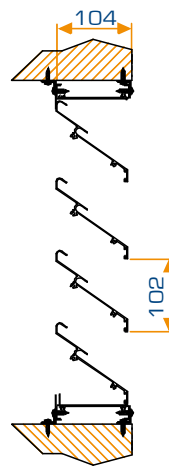
ADWLF80



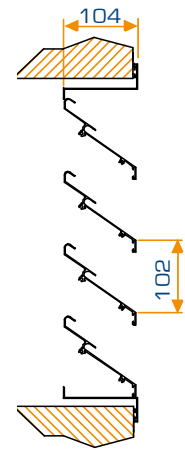
100 SERIES

ADWL100

- 100 mm deep louvre with double raintrap. Available in Flanged or Channel frames.
- Used for extreme weather resistance.



ADWLC100

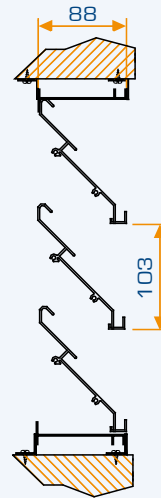


ADWLF100

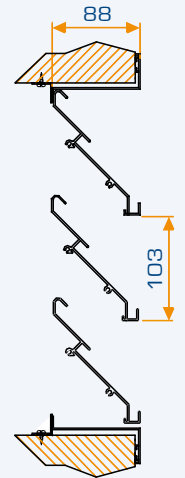
DRAINABLE

ADRAINWL

- Drainable louvre with gutter on front of blade.
- Used to assist drainage by preventing water to drip below the grille.



ADRAINWLC

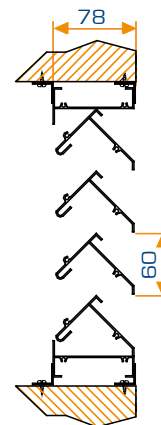


ADRAINWLF

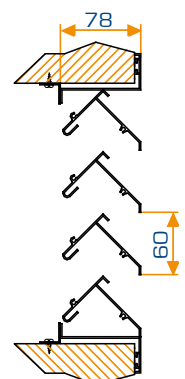
VERTICAL SERIES

AVWL

- Vertically bladed 80mm deep louvre. This type of louvre is more efficient in stopping airborne water than horizontal blade units because the air has to change direction as it passes through.
- Used for maximum weather resistance to house sensitive electrical equipment.



AVWLC



AVWLF



PENTHOUSES

APENTWL

∴ A Penthouse unit is a fabricated stand alone enclosure made to order. Available in all shapes, sizes and colours with various infill types. The roof is either pitched or flat.

∴ Typically used for enclosing equipment. Penthouses provide protection from the weather whilst securing equipment from unauthorised access. They are also effective in screening unsightly equipment.



HINGED DOORS

ADOORWL

∴ Hinged louvred doors and surround frames with various infill types. Available in all colours.

∴ Doors can be supplied as an integral part of your overall louvre system or as a individual feature wherever access is required.



Door Grilles

∴ Aluminium door grilles are double sided and have horizontally mounted blades that are firmly fixed in a frame.

∴ Used as an insert in standard doors.

AADR

Half Chevron Grilles

∴ An attractive wall mounted grille with a range of blade profiles. They can be manufactured with fixed, hinged or removable cores to accommodate a wide variety of filters.

∴ Can be utilised as infill panels, decorative grilles or as a return air product. Available in a range of colours and sizes.

ARG

Egg Crate Grilles

∴ Designed for use in exhaust or return air situations and may be mounted in walls or ceilings. Hinged and removable core models are available as standard and provide easy access to filters, fans or other equipment.

∴ Egg crate grilles can also be supplied as infill panels and again sizes and colours are limited only by your imagination.

AEHF, AECOR, AEGGCRT, AEC, AECL

Wall & Floor Grilles

∴ Heavy Duty Wall and Floor Grilles are constructed of an expanded steel mesh core with a fully welded steel frame.

∴ Suitable for heavy duty applications such as underground car parks.

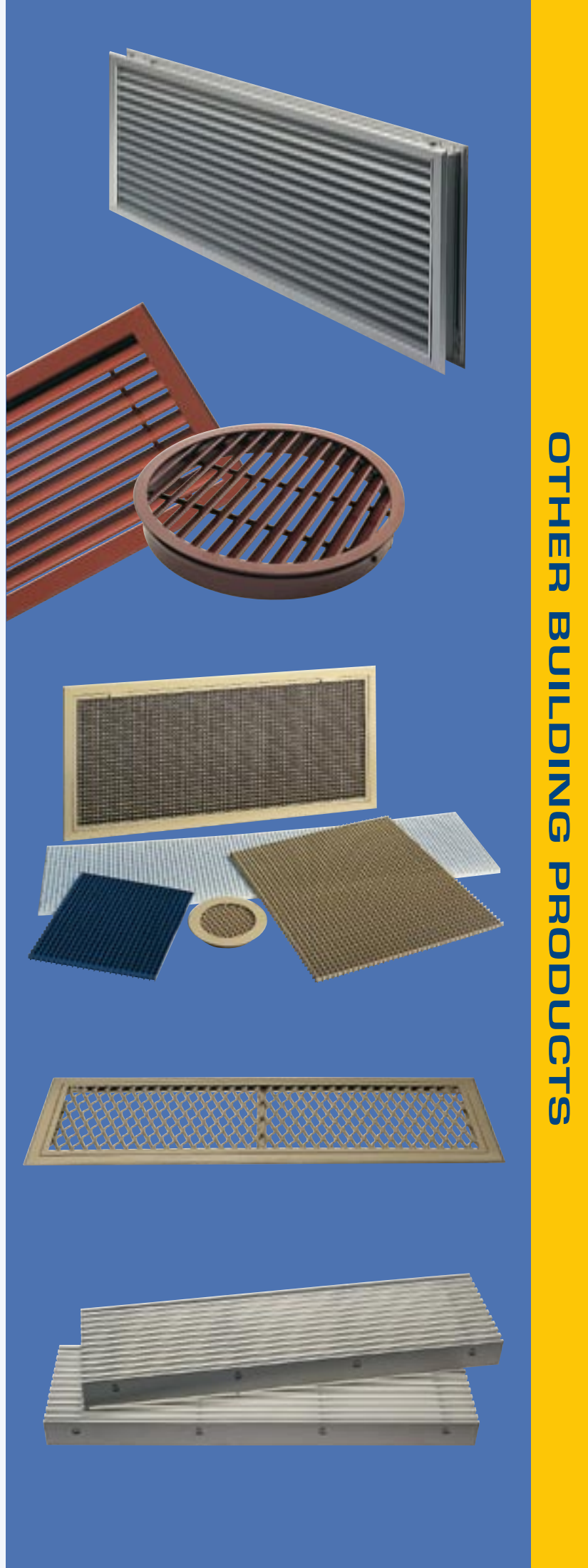
AHDF

Indoor floor Grilles

∴ An attractive aluminium slimline bar grille reinforced for trafficable situations. This product is available in six blade profiles. They can be supplied as a grille in a frame or in a continuous form.

∴ Suitable for various commercial indoor applications including lobbies, galleries and computer room floors.

ASTFI, ASFF, AAFF, ASTF



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www.bradflo.com.au

Also manufacturer and distributor of air-conditioning and ventilation products

