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AVS50 GL DR Louvre NBS Specification

- **Manufacturer:** Advanced Ventilation Systems Ltd,
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Website: www.advancedventilationsystems.co.uk
- **Product Reference:** AVS50 DR Louvre Product
- **Description:** The AVS50 is a medium format extruded aluminium louvre system specifically designed for use within the window industry that has been extensively used in schools and higher education facilities, hospitals as well as a number of high profile residential and retail schemes. The unique new DR version of this product has been specifically designed to Allow any water that collects on the flyscreen and drops down to track out of the base of the louvre and into the existing drainage system of the window or curtain wall system. Suitability of this method of drainage should be checked with the relevant window systems supplier to confirm acceptability.
- **Outer Frame Options:** Glazed in: 24mm or 28mm
- **Louvre Blade Pitch:** 50mm
- **Overall Depth:** 66mm
- **Measured Free Area:** 50% Free Area Based on Louvre Core (Excludes Top and Bottom Blade arrangements and any intervening blade carrying profiles)
- **Weathering Performance:** Class A with Fibreglass Insect Mesh – Class B with Stainless Steel Insect Mesh.
- **Coefficient of Discharge:** 0.202 – Class 3
- **Material:** Extruded Aluminium Profile Grade 6063 – T6
- **Profile Thickness:** 1.5mm
- **Construction:** Pre-Built Modules Mechanically Jointed with Zintec Corner Chevrons
- **Finish:** Mill Finish / Polyester Powder Coated / Marine Grade Polyester Powder Coated – Interpon and Syntha Pulvin Powders – Please ask for details.
- **Mesh:** Fibreglass Insect Mesh (18x16 Mesh Count per Inch), Stainless Steel Insect Mesh (18x14 Mesh Count per Inch), 1.14mm Aluminium EXPM Diamond Birdguard (35.05LW X 11.94SW).
- **Blanking Plates:** None / 1.5mm or 2mm Aluminium Blanking Sheet / Styrofoam / Phenolic or Fabrock Insulated Composite Panels and Top Hat Tray Panels.
- **Other Options:**
Enhanced Security Option (Security Trim)
- **Fixing:** Louvres to be installed in line with manufacturers instructions by a competent installer.