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## **AVS34 Louvre NBS Specification**

- **Manufacturer:** Advanced Ventilation Systems Ltd,  
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- **Product Reference:** AVS34 Louvre Product
- **Description:** The AVS 34 is a small format 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.
- **Outer Frame Options:**  
Glazed in: 24mm / 28mm / 32mm  
Flanged Louvre: FL / EXFL / EXXFL  
Box Frame and Surface Mount Louvres
- **Louvre Blade Pitch:** 34mm
- **Overall Depth:** 38mm
- **Measured Free Area:** 39.8% Free Area Based on Louvre Core (Excludes Top and Bottom Blade arrangements and any intervening blade carrying profiles)
- **Weathering Performance:** Class B with 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) and/or Water Drainage Profile.
- **Barrier Load Testing:** AVS50 SM (Surface Mounted) Louvres have been subjected to a horizontal line load of 0.74kN/m, Uniform Distributed Load of 1.0kN/m and Point Load of 0.5 kN/m and comply with the permissible deflection requirements of the standard.
- **Fixing:** Louvres to be installed in line with manufacturers instructions by a competent installer.