

Model KX3

Return Grilles - Fixed blade -45° Deflection

Product Data Sheet

Introduction

Return and exhaust grilles with parallel fixed blade deflection louvers set at a deflection of 45° from the horizontal to ensure that these are almost sight proof in construction.

These Grilles are mostly utilized for side wall application with blade deflection upward in high applications and downward in lower applications.

Application

- Recommended for general return or exhaust of room air
- 45° fixed blade deflection eliminates line of sight into ductwork
- Typically installed in a sidewall, duct, or ceiling

Product Features

- Fixed blade return / exhaust grilles exceeding the industry standard using corrosion resistant aluminium materials.
- Aerodynamic blade design resulting in lowest achievable sound and pressure levels.
- 19mm (3/4") blade spacing.
- Blades selected as horizontal or vertical for visual effect
- Foam gasket seals at the rear of the frame.

Construction

- Heavy duty extruded Aluminium construction
- Maximum size one piece construction is 1200mm x 1200mm (48" x 48").
- Larger sizes shipped in multiple sections for field assembly
- Powder coated to RAL 9010 finish or any other RAL colour

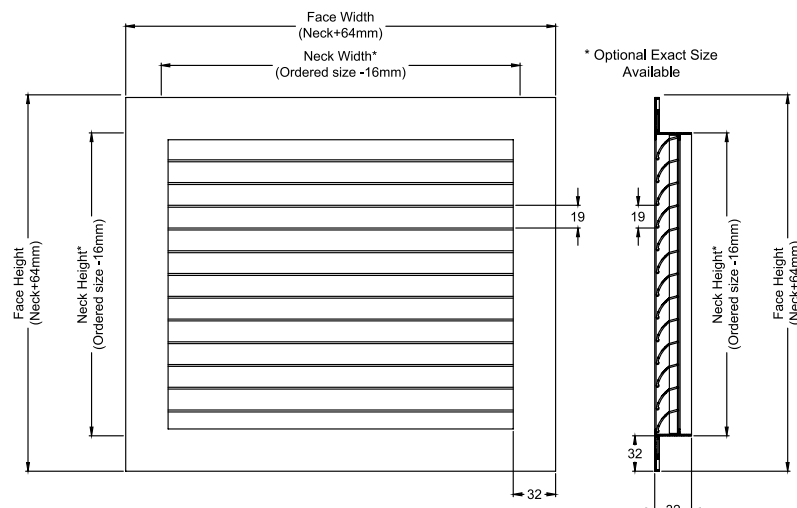
Grille Options

- Mounting holes in frame neatly countersunk.
- Stainless Steel SS304 or SS316 construction (consult factory)
- Custom or optional RAL colours (RAL codes to be provided)

Selection Procedure

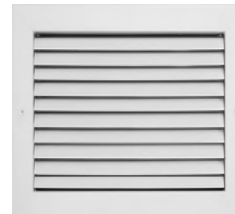
- Selections can be made by means of straight read-off from the "Performance Tables"
- Determine air volume flow rate per outlet.
- Select the grilles based on required Air flow rate against the limiting pressure drop and sound level requirements.

Dimensions



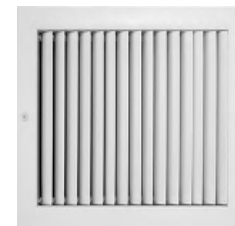
Model KX3-H

Horizontal Front Fixed Blades
19mm (3/4") Spacing



Model KX3-V

Vertical Front Fixed Blades
19mm (3/4") Spacing



Product Selection Check List

- Select Unit size (L x W) based on desired performance characteristics.
- Select outlet type by Model No.
- Select Blade orientation
- Select RAL Colour