

Model KX2 / KX 25

Double Deflection Grilles

Product Data Sheet



Introduction

Grilles and Registers manufactured by Jersey have adjustable blades and are available in single or double deflection models.

The Single deflection grilles are designed to have one set of blades in the horizontal or vertical orientation.

The Horizontal blade provides the control over the deflection of the air pattern on adjustments whereas the vertical blade provides the spread control of the air pattern reducing both throw and drop.

Application

- Recommended for heating, cooling, and ventilating applications.
- Versatile directional, throw distance, and spread pattern control.
- Typically installed high in a sidewall, soffit, or duct.
- Supply air grilles that provides a horizontal air pattern along the ceiling.

Product Features

- Double deflection supply grilles and registers exceeding the industry standard using extruded aluminium profiles.
- Single set of horizontal and vertical blades
- Aerodynamic blade design, resulting in lowest achievable sound and pressure levels.
- Foam gasket seals at the rear of the frame.
- 19mm (3/4") or 12.5mm (1/2") spacing of individually adjustable blades.
- Blades rotate smoothly without bending.
- Registers include a factory attached, opposed blade volume control damper

Construction

- Heavy duty extruded Aluminium construction
- Max 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

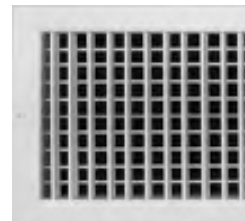
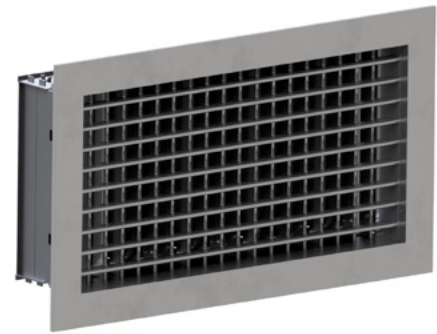
- Aluminium opposed blade volume control dampers.
- Stainless Steel SS304 or SS316 construction (consult factory)
- Custom or optional RAL colours (RAL codes to be provided)

Accessories

- Opposed Blade Damper – Model OBD

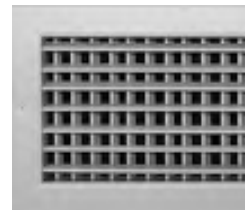
Selection Procedure

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



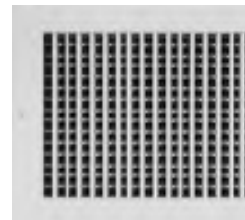
Model KX2-V

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



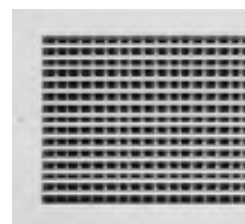
Model KX2-H

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



Model KX25-V

Vertical Front Adjustable Blades
12.5mm (1/2") Spacing



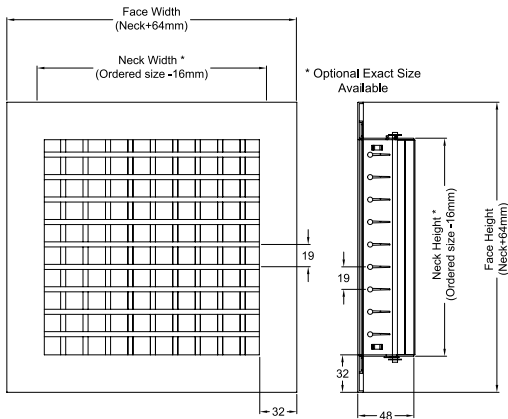
Model KX25-H

Horizontal Front Adjustable Blades
12.5mm (1/2") Spacing

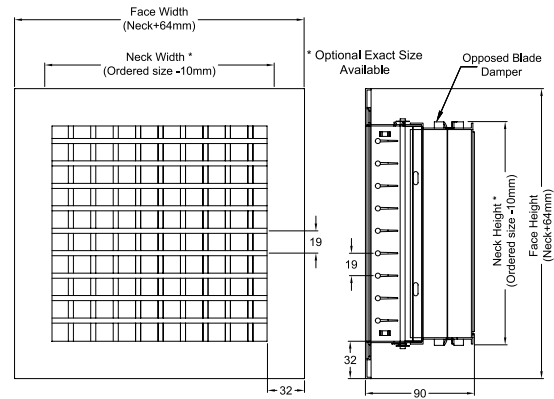
Product Selection Check List

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

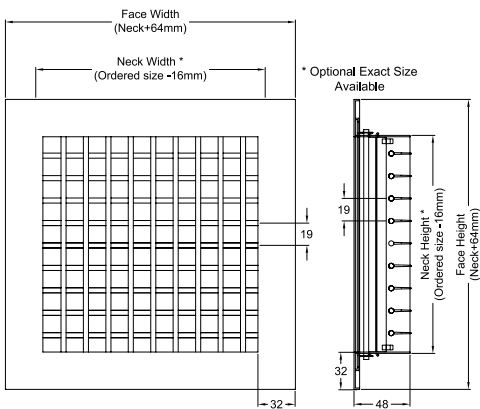
Dimensions



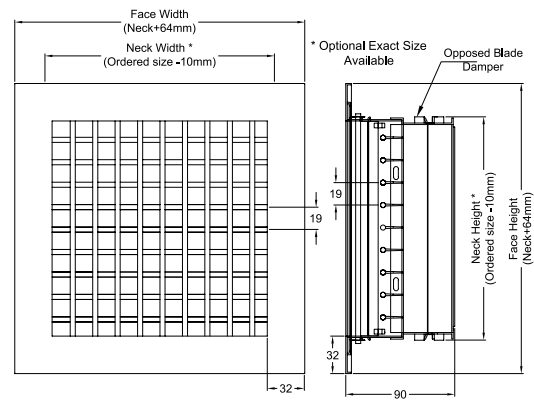
Model KX2H - 3/4" (19mm) spacing



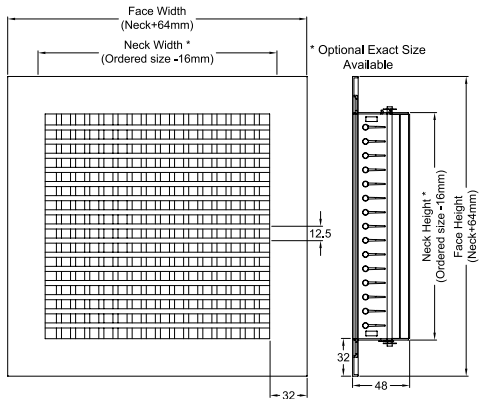
Model KX2H/O - 3/4" (19mm) spacing



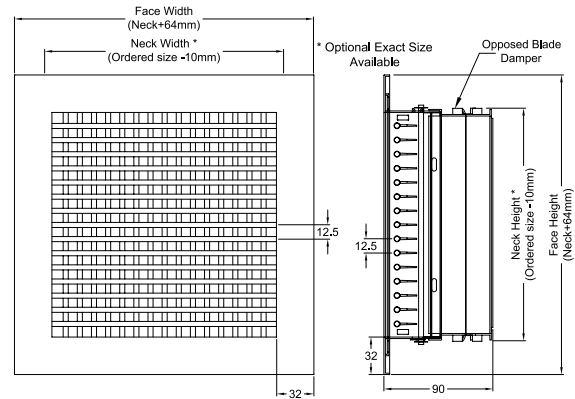
Model KX2V - 3/4" (19mm) spacing



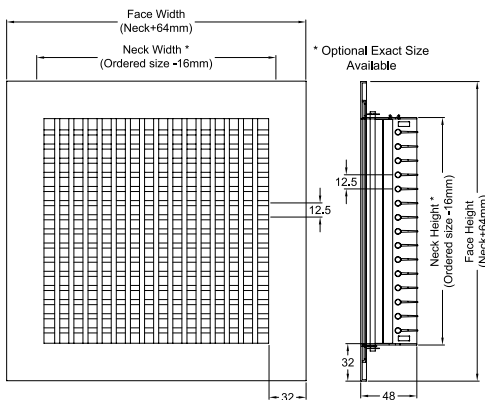
Model KX2V/O - 3/4" (19mm) spacing



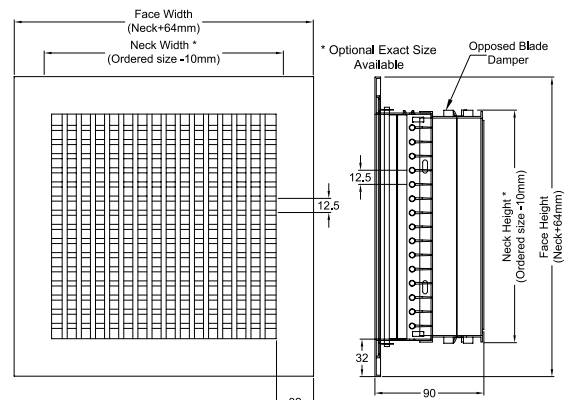
Model KX25H - 1/2" (12mm) spacing



Model KX25H/O - 1/2" (12mm) spacing



Model KX25V - 1/2" (12mm) spacing



Model KX25V/O - 1/2" (12mm) spacing