

"We Move Air"

FIRE-X LUMINA

TRANSLUCENT SMOKE & HEAT EXHAUST VENTILATOR



Luminous Inside View

Product Materials Finishes:

- Galvanised
- Stainless Steel
- Aluminum
- Powder Paint
- Zinalume
- Chromadek

Optional Accessories

- Pinnacle Roof Turbines
- Electromechanical Operation
- Burglar Guards
- Pneumatic Operation
- Roof Closures
- Rain Detectors
- Dust Seals
- Bird Guards

Product Features

- Fire & Natural Day-to-Day Ventilation
- Standard Fusible Link Operation
- Large Ventilation Capabilities
- 1 Year Product Guarantee
- Low Profile Construction
- Extremely Cost-Effective
- Suit Most Roof Profiles
- Minimal Maintenance
- Robust Construction
- Superior Aesthetics
- Translucent Blades



The Fire-X Lumina and Fire-X Lumina Pinnacle range of ventilators is custom-built to suit the desired ventilation needs. The ventilator is designed to accommodate the roof and steel structures it is to be installed onto. It is not practical to include all the products technical information in this technical data sheet as each ventilator design is unique. A company representative must be consulted at all times to assist with the products design parameters. For the purpose of compiling this technical data only the fire ventilation measurements is noted.

| Louvred Ventilator Model Type | 1620B-L | 1620B-LP | 1620C-L | 1620C-LP |
|---|--------------------|--------------------|--------------------|--------------------|
| Geometric Throat Area (Av) | 1.57m ² | 1.57m ² | 2.37m ² | 2.37m ² |
| Coefficient of Discharge (Cv) | 0.66 | 0.66 | 0.66 | 0.66 |
| Aerodynamic Free Area (AvCv) | 1.04m ² | 1.04m ² | 1.56m ² | 1.56m ² |
| Aggregate Throat Dimensions (AxB) in mm | 1125W x 1395L | 1125W x 1395L | 1510W x 1570L | 1510W x 1570L |
| Number of Blades | 5 | 5 | 6 | 6 |

SPECIFICATION PROCEDURE:

- 1) Select the Model in accordance with the ventilation requirements and roof purlin spacing
- 2) Select the ventilator material type (i.e. Aluminium, Chromadek or Galvanised)
- 3) Select the fusible link activation temperature (Normally 72°C)
- 4) Select a secondary opening system if required (Normally 24V DC Electromechanical)
- 5) Select any accessories required (Dust Seals, Burglar Bars, Rain Detectors etc.)

EXAMPLE:

A specification for 15.7m² Geometric Area (Av) fire ventilation required with 1400mm roof purlin spacing available at the apex of the roof, manufactured in Chromadek material, colour Fish Eagle White, electromechanically operated, with dust seals and burglar bars the would be:

CALCULATION

Ventilation required ÷ Geometric Area (Av) 15.7m² ÷ 1.57m² (Av of the Fire-x 1620B-L)
= 10 x Curvent Fire-X type 1620C Ventilators

SPECIFICATION DESCRIPTION:

10x Curvent Fire-X type 1620B-L Lumina slope mounted natural smoke & heat exhaust ventilators with translucent blades, Chromadek material, colour Fish Eagle White, with fusible links to activate at 72°C, complete with 24V DC electromechanical operating system, dust seals and burglar bars, installed in accordance with the manufacturers detailed installation specifications:

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