

# "We Move Air"

**CURVE KING - R**  
NATURAL STATIC RIDGE MOUNTED VENTILATORS



The Curvent Curve King-R is a ridge mounted natural static ventilator. The patented curved sides enhances the co-efficient capabilities of the ventilator and provides appealing aesthetic. The Curvent Curve King will ventilate hot stale air within the building which is then replaced with cool fresh air through fixed louvres and other openings at low level, vastly improving indoor air quality. As an optional extra, a manual ground cable control system can operate winter dampers to shut ventilation. The ventilator is designed to fit any roof profile. The ventilator is manufactured using Computerised Numeric Control machines, completely eliminating manufacturing flaws. The ventilator is transported in knock-down format to protect it against transit damage. The ventilator features a unique user friendly "Clip-On" installation system allowing fast and easy installation procedures that will reduce installation time and cost. This ventilator is renowned for its extremely robust construction. Its continuous natural ventilation capabilities and no maintenance, makes it a cost-effective system to naturally ventilate any building. The flowing curved lines of the ventilator remains the first choice with architects, engineers and specifiers.

## Product Materials Finishes:

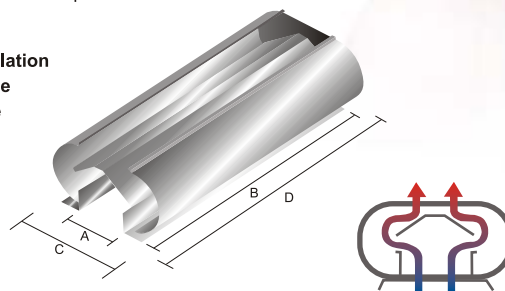
- Galvanised
- Aluminum
- Zincalume
- Stainless Steel
- Powder Paint
- Chromadek

## Optional Accessories

- Burglar Guards
- Bird Guards
- Winter Dampers
- Roof Closures

## Product Features

- Natural Day-to-Day Ventilation
- 1 Year Product Guarantee
- Extremely Cost-Effective
- Unique Clip-On System
- Suit most Roof Profiles
- Robust Construction
- Superior Aesthetics
- No Operating Cost
- No Maintenance



Ridge Mounted Model Type	CK300RC	CK450RC	CK600RC	CK750RC
Aggregate Base Throat Area	0.68m <sup>2</sup>	1.03m <sup>2</sup>	1.37m <sup>2</sup>	1.71m <sup>2</sup>
Free Measured Throat Area (Av)	0.61m <sup>2</sup>	0.69m <sup>2</sup>	0.79m <sup>2</sup>	1.21m <sup>2</sup>
Aggregate Base Throat Dimensions (AxB) in mm	300W x 2280L	450W x 2280L	600W x 2280L	750W x 2280L
Overall Ventilator Dimensions (Cx D) in mm	810W x 2400L	1010W x 2400L	1210W x 2400L	1530W x 2400L
Purlin Spacing Required in mm	300	450	600	750
Mild Steel Mass (Kg)	22	27	37	43

## 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 any accessories required (i.e. Bird Guards, Burglar Bars)

## EXAMPLE:

A specification for 7.9m<sup>2</sup> Free Measured Area (Av) natural ventilation required with 600mm roof purlin spacing available at the apex of the roof, manufactured in Chromadek material, colour Fish Eagle White, with bird guards would be:

## CALCULATION:

Ventilation required ÷ Free Measured Throat Area (Av)  
 7.9m<sup>2</sup> ÷ 0.79m<sup>2</sup> (Av of the Curve King CK600RC)  
 = 10 x Curvent Curve King type CK600RC Ventilator Units (1 x Unit = 2400mm hence 10 x 2.4m)  
 = 24m x Curvent Curve King type CK600RC Ventilators

## SPECIFICATION DESCRIPTION:

24m x Curvent Curve King type CK600RC ridge mounted natural static ventilators, Chromadek material, colour Fish Eagle White, with bird guards, installed in accordance with the manufacturers detailed installation specifications.  
 Curvent International (Pty) Ltd, Tel: +27 11 826 5959, Fax: +27 11 826 3275, e-mail: sales@curvent.co.za

## Head Office: Gauteng

**Tel:** +27 (0)11 826 5959  
**Fax:** +27 (0)11 826 3275  
 75 North Rand Road, Hughes,  
 Boksburg, 1459  
 P.O. Box 26662  
 East Rand  
 1462  
 South Africa

## Cape Region

**Tel:** +27 (0)21 556 0430  
**Fax:** +27 (0)21 556 2218  
 5B McClaren Rd,  
 Racing Park,  
 Killarney,  
 Cape Town



Est. 1984  
**National Call Centre: 08610 VENTS**  
**08610 83687**  
[www.curvent.co.za](http://www.curvent.co.za)  
[sales@curvent.co.za](mailto:sales@curvent.co.za)