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## ROOF UNITS



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High quality, durable, fibreglass roof units available in side or vertical discharge format. An assortment of impeller types and motor enclosures can be fitted depending on the duty required.

The **vertical discharge range** (pictured overleaf) have a reducing cone on the discharge of the fan to increase the velocity of the exhausted air into the atmosphere. These units are designed to comply with municipal by-laws where extraction of noxious fumes requires that the fumes are ejected at high speed into the atmosphere. This prevents re-contamination of the ventilated area. Five sizes make up this range, namely 500, 630, 710, 800, & 1000 mmø providing a wide range of performance combinations.

The unobtrusive, low profile **side discharge range** is mainly used for general ventilation and can be supplied as either an exhaust or an inflow unit. These can be fitted with propeller, axial aerofoil, mixed flow or centrifugal fan impellers offering a wide spectrum of performance possibilities to the engineer. Sizes available are from 200 to 760mmø.

## CONSTRUCTION

Fibreglass components are manufactured to specific minimum thicknesses with reinforced edgings for maximum strength.

All steel components are hot dip galvanised after manufacture for effective protection against corrosion. Units can be provided with stainless steel components for use in aggressive environments.

Aluminium gravity operated flaps on both the vertical and side discharge exhaust units provide an effective seal against the weather when the fan is not operating.

Standard aluminium or cast iron motors with various degrees of protection against ingress of water or dust, operation in hazardous locations or at high temperatures are available upon request.

## ACCESSORIES

Accessories include soaker sheets to suit various roof profiles, duct adaptors, rodent screens etc.

## TESTING AND STANDARDS

Performance curves are based on tests done in accordance with ISO 5801 1997, in our Research & Development Laboratory.

The innovation and production of quality products that can withstand the rigors of modern industrial duty has been an essential building block in the success of CFW, an SABS ISO 9001 quality management system certified company.



## CUSTOMER SERVICES

A solutions-driven sales approach and dedication to after-sales service has gained CFW the reputation of being a company that stands by its products.

From original enquiry through purchase order to after-sales service we remain committed to customer satisfaction.

A consulting service is offered to those customers requiring design assistance.

*Due to continuous efforts to improve the design of our products, the information contained in this publication may have changed since going to print.*

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