

easycool

evaporative airconditioning

C-SERIES





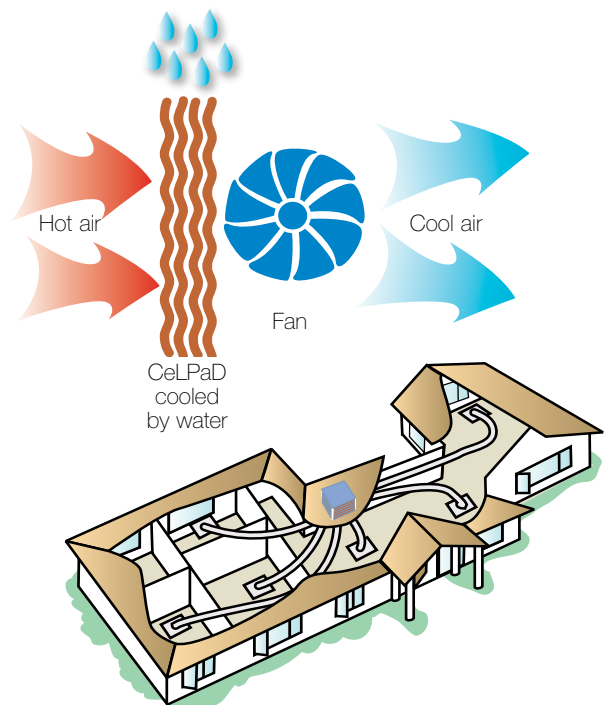
easycool

Beat the heat!

Designed to beat harsh Southern African temperatures, and provide you with a cool, fresh, comfortable living/working/playing space.

Evaporative cooling is nature's way of cooling. In the same way that a cool refreshing breeze comes off a waterfall the **Easycool** unit evaporates water into the air by drawing it through a cellular evaporation media. This cools the air.

The cooled air is then propelled into the building, at the same time expelling hot stale air through open doors and windows.



Benefits of evaporative coolers

- They consume far less electricity and cost less to maintain than refrigerant systems
- Supply air is not re-circulated and dried out, but fresh and natural
- The moist pads of an evaporative cooler are fairly efficient filters, trapping pollen and dust
- The conditioned space is maintained at a slightly positive pressure which prevents the ingress of dust from outside
- Doors and windows can be left open.

Please visit our website www.cfwfans.co.za for more information about evaporative cooling.



Why choose Easycool?

CFW Fans has carved a distinguished career in the manufacture of industrial fans and evaporative coolers since its establishment in 1966. Our policy is to ensure customer satisfaction by supplying competitively priced quality products backed with excellent after-sales service.

The **Easycool** evaporative cooler is an efficient and environmentally friendly system using natural means to bring comfort to your home or place of work.

The designers of **Easycool** units have gone to great lengths to incorporate features that will ensure years of trouble free operation. Read on to find out more about these features.

Versatile controller

Features: Digital display; Air volume control; Sleep timer; Fan only mode; Adjustable flush-clean cycle; Cool mode.



Strong, lightweight construction

All components are manufacture from tough, durable corrosion free materials. The cabinet is vacuum formed from 3 and 4 mm UV resistant ABS plastic. All enclosures and fittings inside the unit are of robust industrial standard.

Effective water management system

Water quality is key to the efficient working of an evaporative cooler.

The **Easycool** automatically flushes and cleans itself every 6 hours. (Adjustable from 2 to 8 hours). Additionally, the unit can be cleaned at any time by pushing the flush/clean button on your controller.

Strong, silent, reliable water pump

This pump is fully submersible and is fitted with a detachable and serviceable inlet filter.

Inverter speed control

The ±630mm impeller is designed to provide maximum airflow with minimum noise levels. The fan is powered by an 1100 watt 3 phase 220v motor, speed controlled by means of a frequency inverter. Power supply to the unit is single phase 220v. This superior method of speed control ensures a smooth, energy efficient control of your fan air flow.

Unlike traditional voltage speed control methods, the **Easycool** motor does not draw high levels of current and run hot at low speeds. At its lowest speed it only draws 160 watts!

Silent and reliable drain valve

During the automatic cleaning cycle this valve silently opens to flush away unwanted mineral and solids.

Maintenance free water distribution

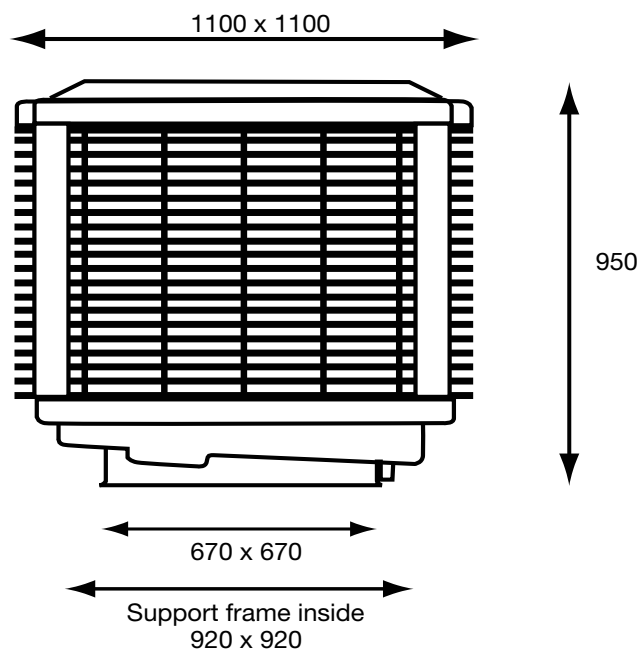
Water is supplied via separate hoses to four fluted panels ensuring an even flow of water to the evaporation pads.

As these panels cannot block up, a constant water supply is fed to the evaporation pads resulting in maximum cooling at all times.



Technical Specifications

Model	KT-18B3-BP
Airflow	2.8m³/s @ 80Pa
Suitable for area	100 ~ 150 m² x 2.4 m high
Motor power (watts)	1100
Power supply	Single phase / 220v / 50 Hz
Noise level (dBA @ 1 m)	55 ~ 65
Speed control	Inverter
Evaporation media (m²)	2.18 x 100mm thick
Saturation efficiency	88%
Fan type & diameter	Axial flow ø630 mm
Shipping dimensions (L x W x H mm)	1150 x 1150 x 950
Shipping mass (kg)	82
Nett mass (kg)	75
Operating mass	88
Air discharge	Downward



Accessories

Dropper ducts, flashing sets, sheet-metal bends and air diffusion equipment such as grilles, plenums, castellated collars and flexible hose are also available.

CFW Fans (Pty) Ltd reserves the right to make product changes without prior notice.

Evaporative air-conditioning performance is affected when high humidity conditions exist.

Installation and commissioning to manufacturer specifications, industry standards and state regulatory laws is the responsibility of the installer.

CFW FANS (PTY) LTD Cape Town Head Office

3 Parin Road, Parow Industria
PO Box 1542, Parow, 7499
South Africa

Tel: +27 21 931 8331
Fax: +27 21 931 3165
Email: sales@cfw.co.za

CFW FANS (PTY) LTD Johannesburg Office

4 Chilworth Road
Founders View North,
Modderfontein

Tel: +27 11 452 5830/3/4
Fax: +27 11 452 5132
Fax-to-email: 088 011 965 7176
Email: salesjhb@cfw.co.za

www.cfwfans.co.za



SABS
ISO 9001

easycool