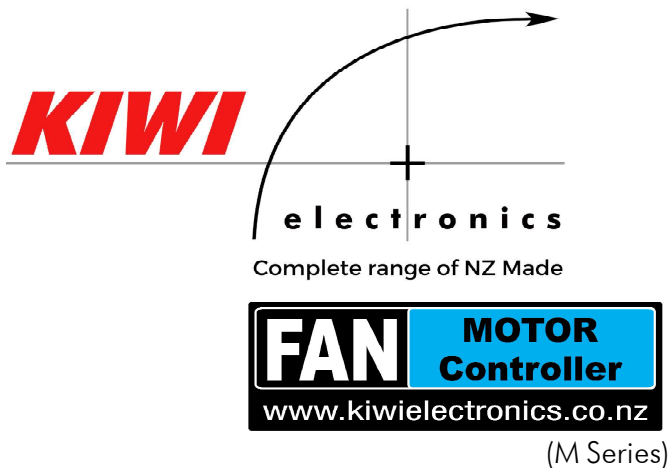




- Fans and Centrifugal Pumps
- Soft Start
- Ramps to FULL on Startup
- Protects Fan and Motor

Recommended for...

- ALL Variable torque loads
- Single phase electric motors
- FULLY AC3 Inductive Rated

350, 500, 1000, 2000, 3000VA models.

No matter what motor you have, a Fan Motor Controller is critical to ensuring your motor's requirements are met and its life expectancy is protected.

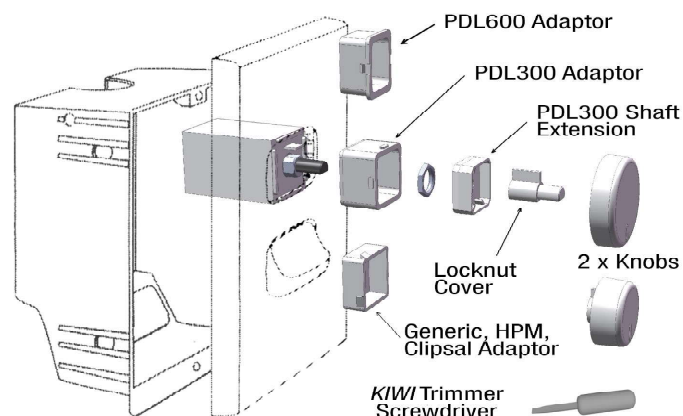
With a soft starter that gradually increases the voltage to full during startup, you can rest assured knowing that, even if your fan is initially spinning in the wrong direction, it will start safely spinning in the correct direction.

Capacitors, centrifugal mechanisms and the motor windings are all looked after with the KIWI Electronics Fan Motor Controller.

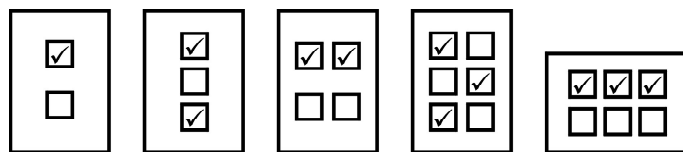
By setting the minimum speed of the motor to approximately 50%, the KIWI Electronics Fan Motor Controller ensures that your motor is protected from damage and gets the adequate cooling that it's designed for.

Works on ALL motor types, set the minimum speed for cooling and reduce the maximum speed for noise reduction if required.

Parts Assembly



Mounting



Recommended mountings for multiple units.

Product Specifications

- Input voltage 240VAC
- Output voltage 0% to 97% of input
- Frequency 50/60Hz
- Minimum current 5W - K004M, K005M
100W - K010M, K020M, K030M
- VA Ratings K004M - 350VA
K005M - 500VA
K010M - 1000VA
K020M - 2000VA
K030M - 3000VA
- Load rating AC3 Inductive
- Switching type Leading Edge
- Max per flush box 3 x K004M, 3 x K005M
2 x K010M
1 x K020M, 1 x K030M
(Ensure mounting method promotes air flow)
- Ambient temp 25°C
- Thermal Fuse 16A/141°C max
- Knob Rotation 270° with memory
- Approval AS/NZS 60669.2.1

Note: Specifications may change without notice.

CONVERSION KITS

Model **KBC** **KWC**
Black White

Convert any KIWI to BLACK or replace the original white plastics.

- FITS ALL PLATES



Designed,
Manufactured for you since 1994.
Based in Mount Maunganui, NZ.

**Fits ALL
Plates**

Installation

Adaptors

PDL Plates:

- **600series**, fit the adaptor into the flush plate. Then fit the KIWI to the adaptor with locknut.
- **300series (Iconic)**, fit the adaptor to the KIWI with the locknut. Then fit the unit into the flush plate.
- For **600 and 300**, fit the locknut cover labeled "stop" side up.
- **300 only**, fit the shaft extension to the shaft.

Generic, HPM and Clipsal Plates:

- Fit the adaptor to the KIWI with locknut.
- Fit the locknut cover, "stop" side up.
- Click the unit into the flush plate.

Flush Plate

- Fit the face plate cover (if required).
- Slide the knob onto the shaft.

Electrical

- Connection is by way of the two red wires.
- Connect one to live and the other to load.
- Alternate wiring diagrams supplied.

Extra Settings

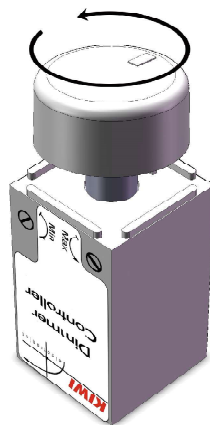
Important:

- When adjusting these settings, always use the KIWI screwdriver supplied so no damage occurs.

Minimum: Turn the minimum trimmer clockwise to raise the minimum speed the knob can be turned down to. Ensure the motor is rotating at 50% or more for adequate cooling as designed.

Note: The minimum level cannot be adjusted above the maximum setting.

Maximum: Turn the maximum trimmer anti-clockwise to lower the maximum speed the knob can be turned to.



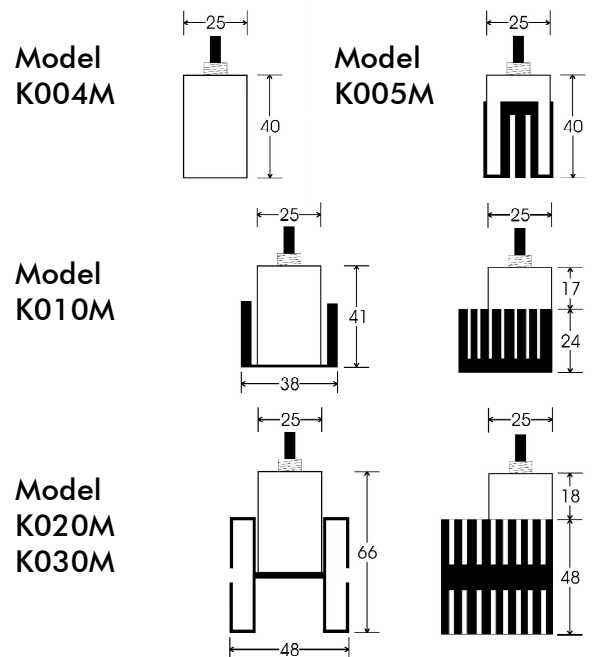
Starting

The KIWI will Soft Start to FULL before returning to the speed the user has set the rotary knob. This is done so the fan motor starts as designed, in the correct direction and gets up to speed.



ALL KIWI Products have a lifetime return to base warranty against ANY and ALL manufacturing faults.

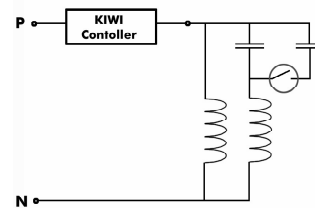
Dimensions



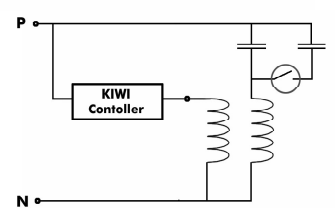
Note: Dimensions in millimetres (mm).

Wiring Diagram

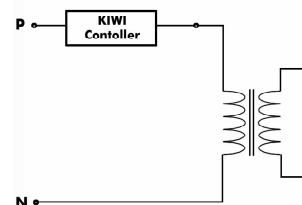
Standard Wiring Diagram



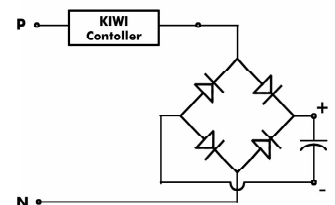
Alternate Wiring Diagram



Wound Transformers



DC Variable Speed



DC Variable Control

- EC Fans
- High Bays
- LED Lighting



Full AC3 Control

- LED Triac Drivers
- W/W Transformers & Heaters
- 500VA to 3000VA



AC3 Press or Push Button Dimming

- AC3 Inductive Rating &
- LED versions available
- 500VA to unlimited VA



**If it's dimmable,
We Can Dim it!**



0800 820 821

✉ contact@kiwielectronics.co.nz
🌐 www.kiwielectronics.co.nz