

INSTALLATION INSTRUCTIONS
K-Mac Powerheads P/L
KP SERIES (PEDESTAL)
Certificate of Compliance #CS99377V

*****WARNING*****

IMPORTANT: Transportation can loosen connections. Check terminations & test as per AS/NZS 3000:2007 before energizing.

This product must be installed by a qualified electrician.

Work should not be undertaken on live electrical equipment, isolate before commencing.

In Australia & New Zealand to AS/NZS 3000, AS/NZS 3001, AS/NZS 3004.

1. If Light option fitted refer 2. If Light option is not fitted refer 4.
2. If the Pedestal has the Light option fitted, remove the four (4) button-head screws that secure the translucent diffuser to the pedestal. (Leave the grey cap section fitted)
3. To access supply terminals, first unscrew the self-tapping screws (2 off) that secure the lampholder bracket to the top of the pedestal. Then remove the bracket and lampholder through the top of the pedestal and set to one side. (Partly re-thread screws into the bracket for safe-keeping.)
4. If the Light option is not fitted remove the four (4) button-head screws and ease off the grey polyethylene cap section.
5. Active, Neutral and Earth connection terminals are mounted on the underside of the din-rail. Unscrew the self-tapping screws that secure the din-rail. Lift the din-rail and flip it over to expose the terminals.
6. **Connect Active Supply** -
Lug cable and connect to 6mm active stud using nuts and washers supplied.
Note - If active is too large for stud connection, join to a smaller active tail and then lug to active stud.
7. **Connect Neutral Supply** -
Terminate neutral at main neutral bar.
Note - If neutral cable is too large for terminal connection, join to a smaller neutral tail and then terminate at neutral bar. Neutrals must be joined together using an approved jointing method to avoid the neutral being separated.
8. **Connect Earth Supply** -
(i) If an earth is run to each head, lug cable and connect to 6mm earth stud using nuts and washers provided.
(ii) M.E.N. - As per *AS/NZS3001* & *AS/NZS3000*.
9. Prior to replacing top of powerhead, ensure all electrical connections are tight and secure. When replacing polyethylene cap, take care not to over-tighten button head screws. Tighten by hand tool only.
10. When TV/Communication outlets are fitted, those points and cabling to same must be segregated from 240V internal wiring. Using flexible or rigid conduit for the wiring and a barrier for the points to comply with *AS/NZS3000: 2007*, and *AS/ACIF – S009:2001* Communications Cabling. The Installer must be ACMA licensed (Aust).
11. When plumbing for water is included and taps are to be fitted ensure that thread sealant tape is applied to thread prior to installing taps to prevent any possible leaks.
12. **Earth Leakage Protection** - As per *AS3001-2001*. Socket outlets provided for the connection of moveable premises shall be protected by residual current devices with a maximum rated residual current of 30mA. (Relevant section should be read in full)
13. Ensure the top of the concrete pad used for mounting the pedestal is raised at least 40mm above the natural ground level.
Note: (Allow for a slight fall toward the outside, so that pooling does not occur.)
14. **Powerhead ID Label**: Ensure powerhead ID label is visible after installation.
15. **MAINTENANCE**
Safety Switch Warranty – Test monthly & annually as per Australian Standards *AS/NZS 3001-2001*.
This testing program is critical to ensure proper functioning of the safety switches, in order to help protect you and your customer against possible electrocution. It is also necessary in order to validate K-Mac Powerheads' **5 year guarantee**. The Guarantee is for replacement of faulty components only. K-Mac Powerheads will not be responsible for, or contribute towards the labour costs involved in replacing faulty components. A record of this maintenance program must be kept in order to validate any warranty claims.

Notes: (i) We recommend fitting only Clipsal Power Range, electronic safety switches. (Cat#: 4RCBE.....)
(ii) *AS/NZS 3000 Section 5.7* indicates the requirements for fault loop impedance testing.