

HEATRAE SADIA

The quality name in water heating



HandyDri14e

Fitting Instructions and User Guide

Notes

NOTE TO THE BUYER

It is recommended that this Hand Drier is installed by a qualified electrician who follows these instructions. Please retain these instructions which contain important information on the use and maintenance of the product.

NOTE TO THE INSTALLER

Please read and understand these instructions before installing the Handy Dri 14E. If any part is unclear please ask Heatrae Sadia for advice.

Safety instructions

Check before connecting the Hand Drier that the mains voltage is within the range specified on the rating plate.

Do not run the Hand Drier with the front cover removed or the motor will not be effectively cooled.

Please note that improper use of electrical appliances can give rise to hazards which children cannot recognise.

Do not allow the inlet to get clogged. Clean regularly. See Care and Cleaning.

Always disconnect from the mains before removing the cover.

Pass on these instructions to subsequent owners of the Hand Drier.

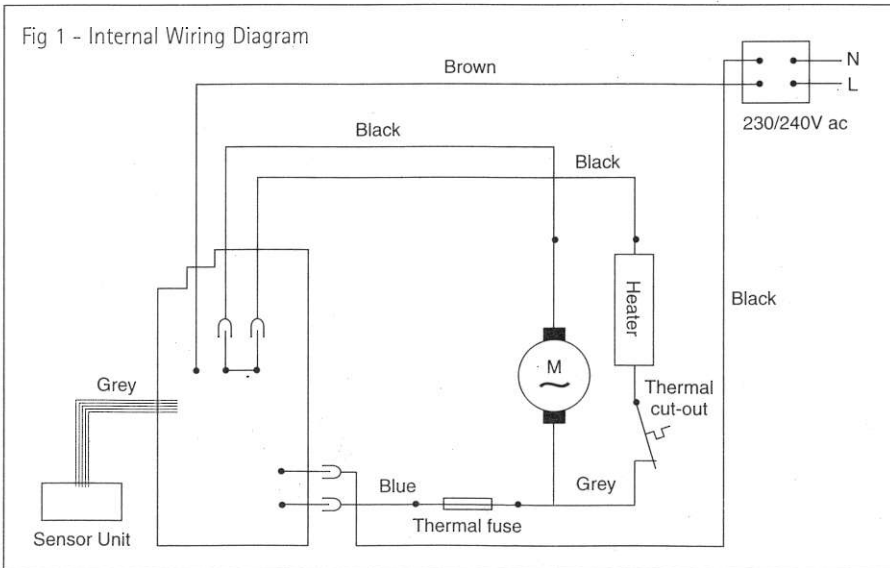
Technical data

| | 230V | 240V |
|-----------------------------------|------|------|
| Rated power (Watts) | 1350 | 1475 |
| Heating power (Watts) | 1180 | 1290 |
| Motor input power (Watts) | 170 | 185 |
| Noise (dbA) at 1.5m | 67.5 | 67.5 |
| Air volume (l/s) | 30 | 31 |
| Dimensions w203, d164, h 182 (mm) | | |
| Weight (without packaging) (kg) | 2.2 | 2.2 |

Electrical requirements

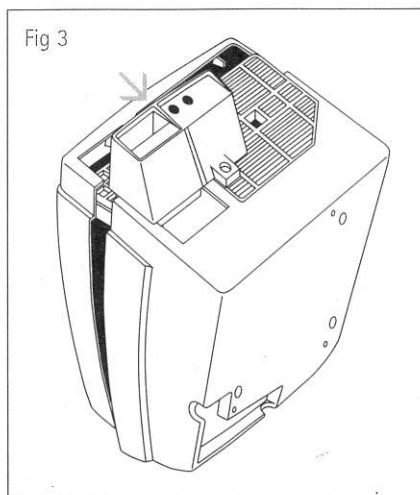
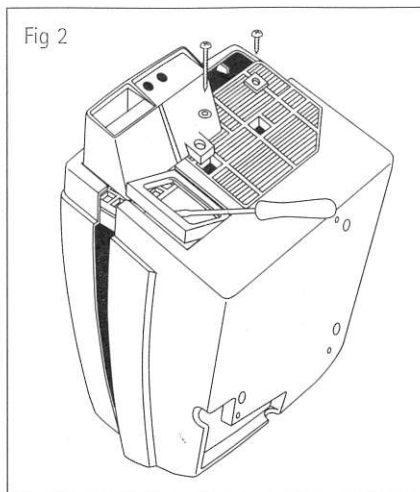
1. Before carrying out any work, ensure that the electrical supply is switched off.
2. The electrical installation should comply with the current IEE Wiring Regulations (BS 7671). If in doubt on any part, seek advice from a qualified electrician. The main requirements when installing the unit are :-
 - (a) This unit should be connected to a 230/240V a.c. 50/60 Hz supply.
 - (b) The recommended cross sectional area of the supply cable is 1.5 mm².
 - (c) A double pole switch, or other means of disconnection from the supply having a contact separation of at least 3 mm in both poles, must be incorporated in the fixed wiring.
 - (d) This unit must be connected to the electrical supply via a 13A fused connection unit.

Fig 1 - Internal Wiring Diagram

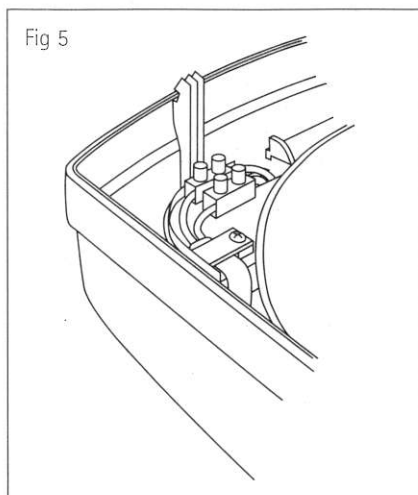
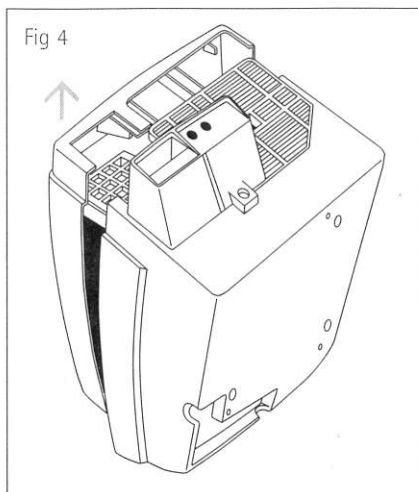


Installation

1. First remove the front cover
 - (a) Unscrew and remove the outlet nozzle retaining screw and washer. Unscrew and remove the suction filter retaining screw and washer plate.
 - (b) Flip out the rectangular retaining frame. This is easier if the front cover and back cover are prised apart slightly first. (See fig 2)
 - (c) Slide the outlet nozzle back onto the back cover, into the position previously occupied by the rectangular retaining frame. (See fig 3)
 - (d) Swing the front cover upwards and lift clear of the two retaining hooks on the back cover. (See fig 4)
 - (e) Slide out the suction filter from the back cover, passing the ribbon cable through the split in the suction filter. Take care not to pull the ribbon cable.
2. Remove the test wires connected to the terminal block.
3. Find the best position for the unit, ensuring that the fixing holes and any channel for wiring will avoid hidden services such as cables, water pipes or gas pipes.
The recommended height for the drier is 1.15 m from the floor to the bottom of the outlet nozzle.



4. After the installation point has been decided, use the paper template provided to mark and drill the three fixing holes using an 8 mm masonry drill. Three fixing screws and plastic wall plugs are provided. The cable entry points, (top & left hand side) and cable recess in the back cover are shown on the template. Ensure there is no obstruction in the chosen cable path.
5. Feed the electrical cable through the back cover allowing sufficient length for the connection to the terminal block.
6. Insert the wall plugs into the drilled holes and secure the back cover to the wall using the screws provided.
7. Strip outer sheath of cable back to 5mm above the cable clamp.
8. Strip insulation and make connection to the live (L) and neutral (N) terminal.
9. Remove clamping bar, position cable in clamping channel, refit clamping bar and screw and tighten screw. (See fig 5)



Installation cont.

10. Refit the suction filter into the back cover.
11. Ensure the white plastic spacer is fully located in the red heater outlet grill (See fig 6), and the ribbon cable is clear of the front cover fixing points in the back cover.
12. Position the front cover on the back cover, keeping it parallel to the back cover. Press firmly at the top of the front cover to engage the catches in the front cover over the retaining hooks in the back cover. Replace the suction filter retaining screws and washers. Note: when the front cover is correctly fitted there is a 2mm wide recess around the top and sides at the join line.
13. Slide the outlet nozzle into its operating position and replace the retaining screw and washer. Snap the retaining frame into position.
14. Connect the electrical cable to the connection unit. Ensure there is a water loop in the cable to prevent any condensation running into the product. (See fig 7)
15. Turn the electrical supply on. Ensure the unit operates correctly by placing hands below the outlet nozzle and noting that the unit switches on automatically. The unit will switch off automatically approximately 3 seconds after the hands are withdrawn.

Fig 6

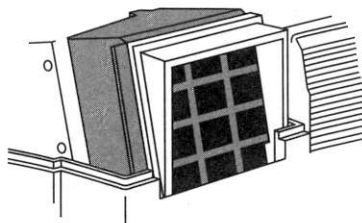
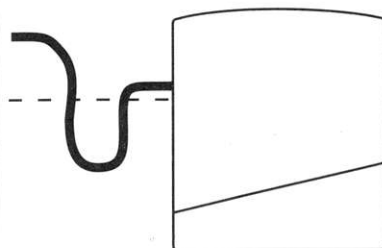


Fig 7



User instructions

To operate your Handy Dri 14E, shake excess water from hands. Position hands underneath the outlet nozzle and rub together in warm air flow to assist evaporation of moisture. Unit switches off automatically when hands are withdrawn.

Care and cleaning

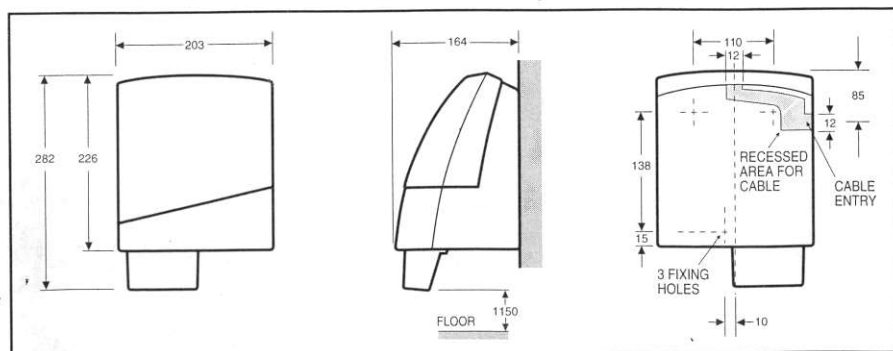
Periodically vacuum the inlet filter located at the bottom of the unit to remove lint and dust. Stubborn particles may be removed by gently brushing the filter.

NB. Isolate from the mains first to stop the unit turning on.

Failure to clean regularly may affect the performance of the hand drier.

Handy Dri 14E spare parts

| | |
|-----------------------|------------|
| Heater Bank | 95 601 710 |
| Fan Blower Unit | 95 607 150 |
| Outer Case | 95 614 081 |
| Outlet Nozzle | 95 608 714 |
| Printed Circuit Board | 95 613 449 |



Spares Stockists

Heating Replacement Parts & Controls Ltd.

P.O.Box 48, Tomlinson Road, Leyland, Preston, Lancashire PR5 1JX.

Telephone 01772 452228

Edmundsons Electrical Ltd.

Unit 2, Railway Street Industrial Park, Gillingham, Kent ME7 1YQ.

Telephone 01634 576934/5

J.B.M. Electrical

Marine Parade, Central Trading Estate, Southampton SO1 1JP.

Telephone 01703 635277

Electric Water Heating Co.

519 Barking Road, East Ham, London E6 2LN.

Telephone 0181 471 0037

Ellistons SPD

Unit 12, Spitfire Way, Airlinks Industrial Estate, Heston, Middlesex TW5 9NR.

Telephone 0181 573 0574

UK Spares Ltd.

Tower Lane, Warmley, Bristol BS15 2YT.

Telephone 0117 961 6670

William Wilson

94 Kinning Street, Glasgow G5 8LW.

Telephone 0141 420 1661

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