

A290 INSTALLATION INSTRUCTIONS

SMARTDRI

Models

A290PE, A290PSE, A290PBE



1. Choosing the best site

General

Install hand dryers adjacent to wash basins, out of the way of storage cabinets or other objects to optimise access and movement around the dryer. In congested areas, position dryers to ensure good traffic flow between washbasins and dryers. If more than one is used, dryers should be placed at least 600 mm apart.

Electrical

When dryers are provided with a supply cord/plug assembly, use a power point if located in a suitable position, otherwise fixed wiring is recommended for all installations. All wiring related switches and circuit protection must be installed in accordance with local electrical wiring regulations and codes.

2. Remove cover housing

Remove the dryer from the carton and the two fixing screws at the bottom of the dryer cover. To detach the cover housing move it forward at the lower end by 5 to 10 mm then up. There are no internal wire connections to be concerned about.

3. Mounting Template - Spacing and height

Mount two or more dryers 600 mm apart, centre to centre. Position the mounting template on the wall at the desired height and mark the mounting positions.

Recommended Mounting Height (Floor to bottom of dryer)

Men.....	1180 mm
Women.....	1130 mm
Children, ages 3-7.....	820 mm
Children, ages 8-10.....	920 mm
Children, ages 11-13.....	1020 mm
Children, ages 14-17.....	1130 mm
Disabled mounting height.....	1000 mm

If mounting above washbasins or bench tops see Step 8 for detail on the Auto Sensor - Sensitivity Adjustment. Important - leave a minimum of 300 mm between any flat reflective surface and the dryer.

4. Fixing the dryer to the wall

Attach the dryer to the wall using the appropriate fastener. The wall should be reasonably flat. If not use washer(s) to fill gaps.

Wall types:

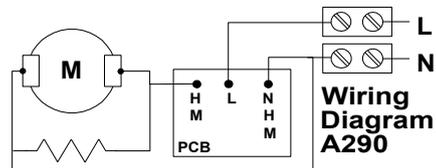
- Brick/Concrete – Use 6 mm x 40 mm (supplied) with expanding plugs etc (plugs are not supplied).
- Stud/Drywall – Use 6mm x 40 mm screws supplied for attachment to studs (recommended). Use 6 mm toggle bolts (not supplied) for dry-wall plaster wall.

Mounting over washbasins and flat surfaces

Leave an operating space of at least 300 mm where possible.

5. Wiring

All wiring, related switches and circuit protection must be installed in accordance with local electrical Wiring regulations and codes. Fixed wiring installation should be carried out by a qualified person. Power requirements 220 -240 Volt AC 50 Hz 1.71 kW's. Connect external supply wires to the terminals marked L and N.



6. Refit cover housing

When the wiring connection is completed, move the cover into position, latching the top first then swing the cover into place. Replace the two cover fixing screws. The dryer is now ready for use.

7. Testing and Operation

Turn power on. The DTI display will operate in Stand-by – single green led will pulse on/off. The dryer blower and the DTI display will commence immediately hands are placed under the dryer.

Regular Operation

The dryer blower will run while hands are placed under the dryer and will stop when hands are removed.

Dry Time Indicator Display

Follow the DTI display through its sequence and cease drying about the time all 4 leds are pulsing red. If your hands are not dry simply continue until they are. The DTI display is an indicator to encourage users to dry hands thoroughly which in turn improves hand hygiene.

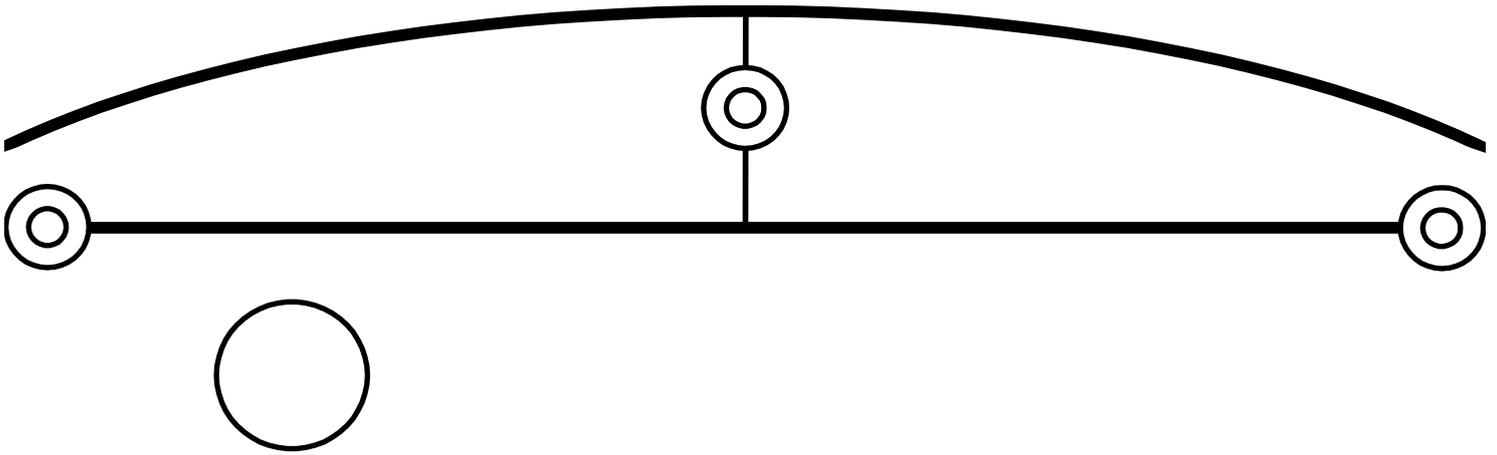
Over-run Shutdown

The dryer will automatically shut down after 40 to 60 seconds (overrun shutdown) depending on where the DTI is set (see Step 8). This is simply a precaution as the dryer is configured to treat long run periods as abnormal. The dryer can be restarted in the normal way. If a condition exists that causes the dryer to want to run continuously, the dryer will only run for 40 to 60 seconds and shutdown permanently until the condition is removed. The Over-run Shutdown state is displayed on the DTI display as a single red led pulsing on/off.

ARDRICH HAND DRYERS

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IG A290 V5 12.12.16.



A290

Single Jet Hand Dryer Mounting Template

smartöri



#70531 V1 0307

Recommended Mounting Height (Floor to bottom of dryer)

- Men.....1180 mm
- Women.....1130 mm
- Children, ages 3-7.....820 mm
- Children, ages 8-10.....920 mm
- Children, ages 11-13.....1020 mm
- Children, ages 14-17.....1130 mm
- Disabled mounting height.....1000 mm

