

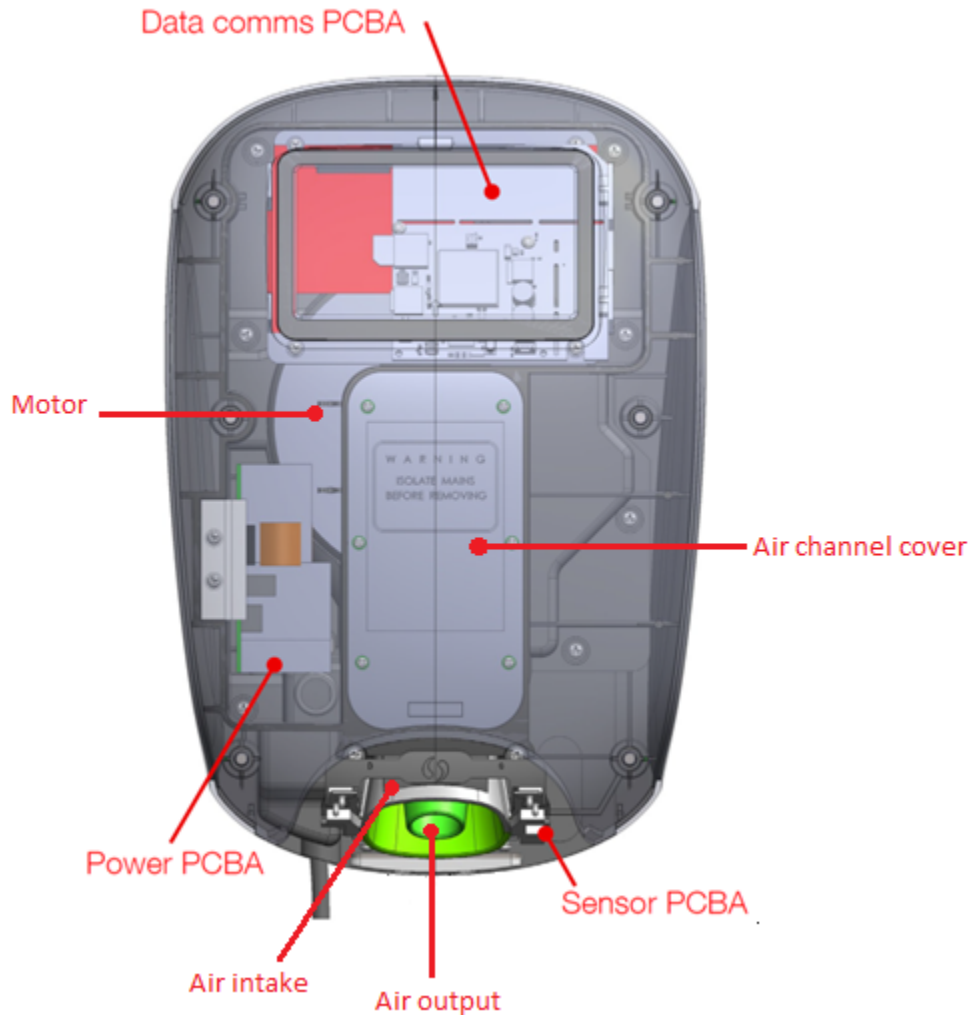
# Intelligent

**The trusted independent experts for hand dryers  
and washrooms since 2012.**



## Hand Dryer Installation & Data Manual

For EcoCurve 550A, 550D Smart & Addryer 550A hand dryer



### Specification

Surface mounted Low Energy – High-Speed hand dryer.

Model numbers EcoCurve 550D Smart and Addryer 550A of PC/ABS anti-bacterial case, stainless steel back plate. 450W to 550W digital brushless motor, 230V. Manufactured by SAVORTEX Ltd, UK.

### Material

- Case: PC/ABS with antibacterial additive
- Back plate: Stainless Steel



## Operation / Electrical

- Hand dryers have Intel® connected intelligent non-contact infrared hand detection sensors with a 1-second overrun when hands are removed.
- To activate the dryer, place your hands under the dryer. The dryer has a built-in cut-out timer of 30 seconds.
- Mains Voltage: 230 – 240 V AC, single phase 50Hz.
- 5.7", 1080p HD video screen.
- Power Standby: Below 1W.
- Motor: 550W Digital Brushless Motor DC, Anti-particulate, Ozone emissive.
- CE and EMC approved: complies with Electromagnetic Compatibility.
- IP 24 compliant.
- Operating Sound: From 87 dB (Standard sound measurement procedure used on the production line)
- Operating Temp: 0°– 39°C.
- Heater type: None.
- Operating airflow: up to 30.6 l/s, energy efficient 19,000 rpm.
- Motor Operating security lock-out period: 30 seconds.

## Construction

- Front Cover: ABS.
- Inner Chassis: ABS.
- Manifold Front/Back/Nozzle: ABS.
- Back Plate: Steel.
- Antimicrobial additive for protection against degradation and bacteria.
- Colour finish: White (others on request).
- Net weight: 4.6kg / Packaged weight: 6.9kg.

## Connectivity

- The Addryer 550A uses WIFI to communicate data and marketing content to a secure cloud server.
- The EcoCurve 550D uses a 2G/3G or 4G SIM card to communicate data to a secure cloud server.

## Before Installation of an EcoCurve 550D Smart or Addryer 550A

1. Complete and return the SAVORTEX SIP Setup Document.
2. The Addryer requires a Wi-Fi connection; before receiving the dryers, please check the locations they are to be installed. A simple test is to use your mobile phone, tablet or laptop to limit if these areas can find the wireless network.
3. For the initial setup, please advise us in advance of the Wi-Fi network the dryers will be connecting to; we require the following information:
  - SSID
  - SSID Hidden
  - Security Method
  - Passphrase
4. You will receive the SIP Setup Document, which asks for the following information:
  - Users requiring access to the online portal.
  - Washroom Information, including Floors, Locations and Gender



## Installation

- The installation and troubleshooting steps are to be carried out by a qualified electrician only throughout this manual.
- Unpack the dryer and follow the instructions to mount the dryer on the wall.
- Securely fix the mounting bracket to the wall at the desired location. Hand dryer should be mounted vertically on solid substrate walls.
- Isolate the mains before commencing installation.
- An isolation switch is required external to the dryer.
- Correctly wire the power cable to the electrical connector via the rear entry through the access grommet, in accordance with the current edition of the IEE wiring regulations (BS7671: Requirements for Electrical Installations).
- Replace all electrical connector covers and insulation. Our dryers use first fix principles to minimize installation times.
- When required, align the main unit over the mounting bracket ensuring the top two hooks are secure.
- Align with the corresponding openings in the rear. The main unit should be held flush with the wall.
- Lower the unit slowly down to engage with the hooks and with the electrical connector until the lower face is flush with the bottom edge of the bracket.
- Fix the unit to the bracket with the two anti-tamper screws.
- Reconnect the power.
- The Smart Sensors require 15 seconds to calibrate after connecting to the power supply. **Do NOT activate the dryer for 15 seconds after connecting to the power supply to allow the dryer to auto-calibrate.** If activation occurs before full calibration, remove the dryer from the back-plate and wait for 10 seconds before re-setting the dryer back onto the back plate. Test the dryer after calibration. The activation sensor range should be approximately 150mm for correct installation. If the sensor range is less than 100 mm remove the dryer, wait for 10 seconds and replace as above.
- The unit will self-isolate upon removal of the main unit from the mounting bracket.

## Recommended mounting height from underside of unit:

- Male washroom: FFL to underside of dryer – 1080mm
- Female Washroom: FFL to underside of dryer – 980mm
- Universal Access Washroom: FFL to underside of dryer – 850mm
- Children: FFL to underside of dryer – 850mm

## Standard Guarantee

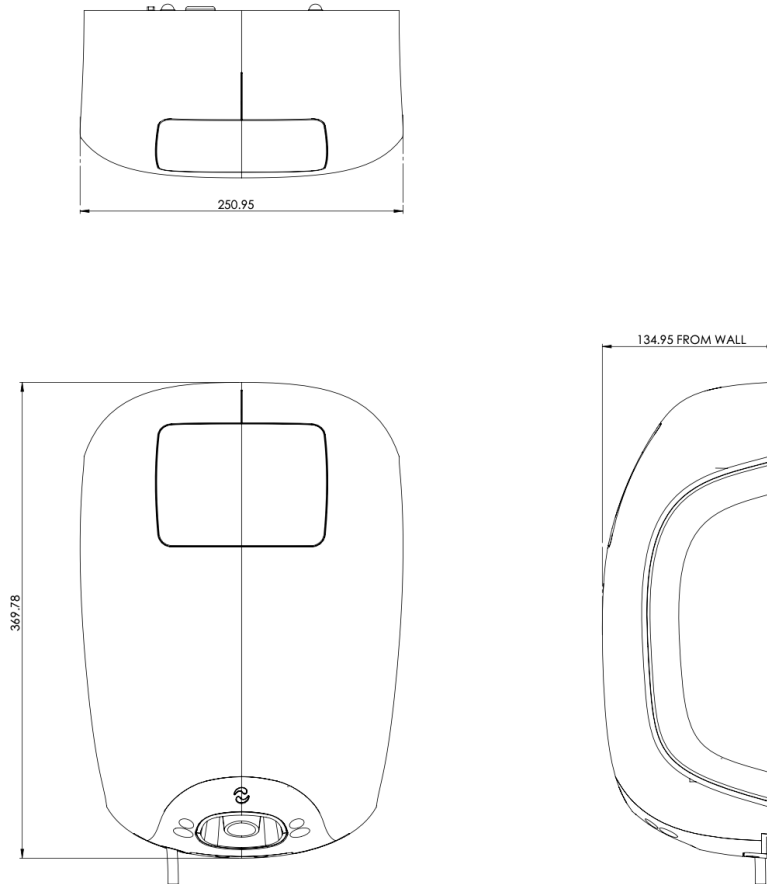
5-year parts, 1 year labour guarantee

This product is covered by a 5-year warranty of 12 months parts and labour and an additional 1 year parts warranty from the date of purchase to be free from defects if installed and maintained in accordance with these instructions. SAVORTEX Ltd will replace or repair (as appropriate) free of charge any product with a proven manufacturing defect if reported within the warranty period. Please see SAVORTEX Ltd Standard Terms of Sale for details. Copies available on request from [info@savortex.com](mailto:info@savortex.com).



## Dimensions

Height-Width-Depth: 370mm | 250mm | 134 mm.



## Care and Maintenance

Clean with soap and warm water, dry with a clean and soft cloth. Abrasive cleaners, chloride and citrus based cleaning agents should not be used.

## Spares

Contact SAVORTEX Ltd for spares requirements: [info@savortex.com](mailto:info@savortex.com)



## Servicing of the Air Channel

We recommend the Air channel chamber is cleaned regularly in high usage areas.

- If the airflow pressure is not flowing freely the air intake or outlet may be blocked. Firstly, inspect the dryer nozzle area and remove any debris that may be blocking the air intake.
- Remove the two anti-tamper screws at the base of the dryer (Qualified electrician only).
- Using both hands, lift the dryer up vertically until it is clear of the mounting hooks and the electrical socket. N.B. The dryer weighs 6.3 kgs.
- Using both hands, remove the four anti-tamper screws and lift the front casing off the dryer. Place the dryer flat on a work surface with the back plate resting on the worktop. Remove the screws from the air channel cover chamber and clean out this area and any debris.
- Replace the air chamber cover and fix all screws, then replace the front casing to its normal position and fix all four anti-tamper screws.
- To return the dryer to the mounting bracket, align the main unit over the hooks.
- Lower the unit slowly down to engage with the hooks and with the electrical connector until the lower face is flush with the bottom edge of the bracket.
- Fix the unit to the bracket with the two anti-tamper screws.

## If the Dryer must be removed from the wall

- Remove the two anti-tamper screws at the base of the dryer.
- Using both hands, lift the dryer up vertically until it is clear of the mounting hooks and the electrical socket. N.B. The dryer weighs 6.3 kgs.
- To return the dryer to the mounting bracket, align the main unit over the mounting hooks.
- Lower the unit slowly down to engage with the hooks and with the electrical connector until the lower face is flush with the bottom edge of the bracket.
- Fix the unit to the bracket with the two anti-tamper screws.

## Troubleshooting the motor and HD video screen

If the dryer is not switching on or is operating intermittently.

- Check the power supply is connected (qualified electrician only).
- Check that none of the four sensors at the base of the dryer are obstructed.
- If any are obstructed remove the obstruction.
- The Smart Sensors require 15 seconds to calibrate after immediately connecting to the power supply. Do NOT wave hands to activate the dryer for 15 seconds after connecting to the power supply to allow the dryer to auto-calibrate.
- If dryer activation persists intermittently, turn dryer off at mains and turn back on and wait 15 seconds for auto-reset feature.

## The screen is blank, or the Creative message/advert has stalled, or is showing messages intermittently.

- This could be down to Wi-Fi dropout. Turn the dryer off at mains switch local to the individual dryer and turn back on and wait 15 seconds for auto-reset feature.
- If the dryer or screen is still not operating to specified design please contact SAVORTEX technical support on [customer.services@savortex.com](mailto:customer.services@savortex.com), or call +44(0) 207 712 1480.

SAVORTEX® terms and conditions apply, which are available on request at [info@savortex.com](mailto:info@savortex.com).