

State of the art Handwasher Drier



The new Wallgate Thrii® Handwasher Drier unit provides users with a three in one soap, water and drying service all in one ergonomically designed unit, which is available in 2 finishes and a variety of colours.

PRODUCT FEATURES



- Ergonomic design with curved edges
- Available in solid surface and stainless steel finish
- Solid surface finish – available in 11 standard colours
- Additional matching washroom products available
- Custom colours available on request*
- Front or rear access to controls
- Easy user access for soap refill or setting changes
- Flexible sequence configurations for soap, water & drying cycles
- 3 drier speed settings
- Soap can be dispensed in liquid or foam format
- Robust design – highly durable
- Space saving – typically requires 1.2sq metres less of building space
- Non flammable class “0” rated material

* Minimum order quantities may be required

ENERGY SAVINGS

The Wallgate Thrii has been designed with energy efficiency as a priority and can provide user savings as follows:-

- Less than 0.3 litres of water is dispensed per cycle (based on a 10 second cycle). This is typically half the amount compared with a traditional wash basin
- Less than 0.02KWh electrical power is used per operation
- Instantaneous water heater consumes power only when in use, thus minimising power consumption
- Wash and drying cycle completed in 30 seconds
- Typically 90% savings compared with conventional solutions

WASHROOM BENEFITS

The Wallgate Thrii eliminates all of the problems associated with conventional washroom solutions including:-

- Leaking soap dispensers
- Paper towels
- Washroom maintenance



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Model and Operation

The “brains” behind the new handwasher drier is the TCU 101 control unit. This controller incorporates state of the art electronics that enable it to be configured to suit the end users requirements, in terms of cycle sequence, cycle times, and drier speed. The unit is factory set to a default programme, but can be shipped to customers to their configuration if this is specified at the time of order.

Low Cost Soaps

Wallgate offers a range of soaps that can be used with the unit. These feature superior skin care properties and have been specifically formulated for use in our handwasher driers.

After Sales Service

Wallgate offers a 12 month warranty for our units, supported by comprehensive commissioning service, repair and spare parts facilities. We recommend that our units are serviced after every 6 months.

Installation

Installing the Wallgate Thrii handwasher drier eliminates much of the on-site labour costs associated with traditional plumbing & electrical fittings. The only connections needed are 15mm cold water feed, 32mm waste connection outlet and a 13A 230V 50Hz electrical supply. Additionally there is an option to deliver the unit without the instantaneous water heater if the building user has a pre-mixed plumbed water supply.

Technical Specification

WEIGHT	Fascia Engine Support Frame etc Full Soap Container Total	Solid Surface 15.3kg 7.0kg 4.5kg 2.6kg 29.4kg	Stainless Steel 7.7kg 7.0kg 4.5kg 2.6kg 21.8kg
DIMENSIONS	450mm wide x 870mm high x 310mm depth (250mm behind the panel)		
WATER SUPPLY	Minimum pressure Maximum Pressure Supply pipe(diameter)	1.5 Bar /150kPa 10 Bar /1000kPa 15mm Copper	
ELECTRICAL POWER REQUIREMENTS	220-240V 50Hz, single phase, 2.6 -3.1kW (13 Amp fused double pole switched spur)		
ENCLOSING IP RATING	IPX4		
REGULATORY COMPLIANCE	RoHS LVD 2006/95/EC & EMC 2004/108/EC directives		
SOLID SURFACE APPROVALS	BS476 Pt 6 Class 0 & Part 7 Class 1 - Fire propagation and surface spread of flame ISO EN 19712-3-2007 rated 5 for durability, stain resistance, cigarette burns etc.		
WATER HEATER	Water temperature range Max Water inlet temp Factory water flow setting	30°C to 45°C (Factory default setting is 38°C) 30°C 2.0lt/min.max	
WATER RESISTIVITY	Water resistivity must not be less than 1300 Ωcm (Refer EN603355-2)		

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