

# Microboil Smart

Wall Mounted, Smart Technology  
Boiling Water Heater  
3, 6 and 10 litre



## Usage

The Microboil Smart provides instant boiling water for preparing hot drinks in the workplace. It has all the benefits of the Microboil range together with market leading energy efficiency. The Microboil Smart gives a 50% cut in standing losses versus the Microboil.

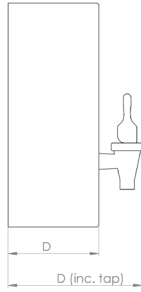
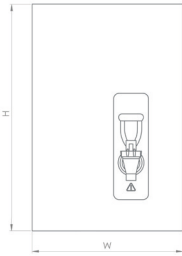
Smart technology optimises power usage. Sophisticated electronic algorithms learn and predict boiling water usage so the unit is on when you need it and off when you don't.

## Features and Benefits

- Designed and assembled in the UK
- 2.84 kW for fast heat up time
- Energy efficient - standing losses for 3L model only 23 W with smart feature and 31 W without
- High flow rate ideal for busy commercial premises
- Pure tasting drinking water from stainless steel tank
- Fully recyclable insulation
- Status ring on base of the tap stem to indicate ready or heating (green/ red)
- Robust, heavy duty tap
- 2 way tap for precision filling cups/ mugs. Lock - on option for larger items e.g. cafetières
- Illuminated boiling water safety warning when power on
- Installation compatible with Microboil range
- Simple to use and easy to install
- Durable metal case
- Sophisticated electronics maintain a constant supply of hot water - even when the unit is automatically re-filling after heavy usage
- Autocalibration for optimal temperature performance
- Suffix W - white  
Suffix SS - stainless steel
- **It is highly recommended that a filter system is fitted to protect against scale build up. Units may need to be de-scaled regularly. Scale damage is not covered by the warranty (see page 32).**

Product Code	Capacity (litres)	Initial Draw Off (cups/ mugs)*	Heat Up Time (mins)	Smart Mode Standing Loss (kWh/day)	(W)
MS3W MS3SS	3	18/ 12	6	0.55	23
MS6W MS6SS	6	36/ 24	12	0.60	25
MS10W MS10SS	10	62/ 42	20	0.70	29

\*Initial draw off based on 167 ml cup and 250 ml mug

**Outer Casing**

Steel/ Stainless Steel

**Heating Element**

2.84 kW incoloy-sheathed type element

**Thermostat**

Temperature controlled by PCB

**Water Tank**

Stainless Steel

**Insulation**

Energy efficient moulded EPP (expanded polypropylene)

**Filter System**

Optional extra - highly recommended.

See page 32 for filter options.

**IP Rating**

IPX0

**Recovery Rate**

Recovery rate 176 cups/ 117 mugs per hour for all models based on 167 ml cup and 250 ml mug.

**Installation**

Install over a draining board, or work top fitted with a drip tray. Adequate clearance must be left above the unit to allow later removal of the cover for service and below for draining.

**Plumbing**

Must be installed by a suitably qualified person.

Minimum water pressure 1 bar.

Maximum water pressure 10 bar.

**Water Connection**Inlet/ Outlet 2 x 15mm compression  
1 x tundish recommended.**Electrical Connection**

Installation must comply with current IET regulations.

The product should be connected to the fixed wiring of the property via a suitably rated isolating switch with a contact separation of at least 3mm in all poles.

Cable pre-wired (1.5m), bottom left.

**Maintenance**

It is recommended the unit is descaled every 6 months.

Easy access to descale tank and drain at base.

**Approvals**

CE, UKCA, WRAS

**Standard Warranty**

1 year on-site warranty as standard.

2 year parts or replacement warranty.

3 year on-site warranty available at additional cost.

Product Code	Height (mm)	Width (mm)	Depth* (mm)	Weight (kg)	
				Empty	Full
MS3W MS3SS	453	303	193	8.0	11.4
MS6W MS6SS	490	323	228	9.9	16.4
MS10W MS10SS	578	370	250	12.3	23.0

\*Depth excludes the tap, for depth including tap add 90mm.