



**MADE IN  
BRITAIN**

since 1957

*The Professionals Choice*

# CTS10TF

SureFlow Counter Top Touch Free Water Boiler



# FULL SPECIFICATION



## CTS10TF Automatic Fill Water Boiler with Touch Free Dispense

Type	Touch-free Dispense Counter-top - <i>SureFlow Touch Series</i>
Country of Design & Manufacture	UK
<b>CAPACITY, WEIGHTS &amp; DIMENSIONS:</b>	
Capacity (Litres)	10
Unit dimensions (W x D x H) mm	240 x 522 x 545 (depth includes drip-tray)
Packed dimensions (W x D x H) mm	570 x 340 x 735
Vessel clearance (cup recess)	136mm
Product weight - empty (kg)	12.3
Product weight – full (kg)	26.5
Packed weight (kg)	15.3
<b>CONSTRUCTION:</b>	
Outer fabrication (body) construction	304 grade Stainless Steel (Super-brush satin polish)
Tank construction	304 & 316 grade Stainless Steel
Tank wall thickness	0.9mm
Drip-tray	304 grade Stainless Steel
<b>ELECTRICAL:</b>	
Power rating (kW)	3
Voltage supply	230 V (50-60Hz)
Electrical supply	Single-phase, N & E (13A)
Electrical Installation	UK standard 3-pin
Fitted cable length (m)	1.6m
<b>PLUMBING:</b>	
Water inlet connection:	3/4" BSP
Food quality, flexible mains water hose	1.6 metre long, (3/4"BSP)
Mains water pressure range	2 – 7 bar (28psi – 100psi)
Overflow/waste connection:	Choice of front (via drip-tray) or rear (1/2"BSP – 15mm)
<b>PERFORMANCE:</b>	
Water temperature delivered	96°C (default) – can be adjusted if required
Heat up time to working temperature	29 mins (full tank capacity)
Output per hour (@ default temperature setting)	27 Litres (higher output/hour if set @ lower temperature)
Rapid draw-off	10 Litres
Recovery per minute	0.5 Litre
Stand-by power loss (idle mode)	0.08 kW/h
<b>FILTRATION:</b>	
Multi-Filter (taste & odour, sediment & reduces lime-scale)	No ( <i>available as an optional extra if required</i> )
<b>OTHER FEATURES:</b>	
Operation	Touch-Free Dispense (Sensor Activation)
Water Dispense	Choice of standard on-demand or timed dispense
Distance between hand and sensor for dispense activation	25mm - 80mm
Top-up facility	Top-up drink feature when in timed dispense mode
Tank-baffle plates – unique design aids heat recovery & reduces steam emissions to atmosphere	Yes
Safety light beam (place cup in recess to activate)	Yes
Early warning lime-scale diagnostics (via LCD)	Yes
Dual safety protection	Yes - Over-boil & boil-dry protection
Flashing Safety Message ('Caution Boiling Water')	Yes – via LC-Display (Safety Warning flashes as dispense is activated)
<b>STANDARDS &amp; APPROVALS:</b>	
WRAS approved	Pending
EMC Tested and Certified (EN 55014 & EN 61000)	Yes ( <i>self-certified</i> )
Electrical Safety Tested and Certified to BS standard	Yes ( <i>self-certified</i> ) - BS EN 60335-1 & 2
<b>WARRANTY &amp; AFTER-SALES:</b>	
Guarantee	2 Year parts & labour
Spare parts, filters & accessories	Same day despatch (if ordered before 3pm)



Certificate Numbers: FM36413 & EMS75807