

# atc

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*The Professionals Choice*

## INST10N

Wall Mounted SureFlow Water Boiler



# FULL SPECIFICATION



## INST10N Wall Mount SureFlow Automatic Fill Water Boiler

Type	Economy Wall Mount – <i>Wall mount Water Boiler</i>
Country of Design & Manufacture	UK
<b><u>CAPACITY, WEIGHTS &amp; DIMENSIONS:</u></b>	
Capacity (Litres)	10
Unit dimensions (W x D x H) mm	340 x 247 x 480
Packed dimensions (W x D x H) mm	585 x 435 x 325
Tap protrusion mm	85mm
Product weight - empty (kg)	9.7
Product weight – full (kg)	23.5
Packed weight (kg)	11.2
<b><u>CONSTRUCTION:</u></b>	
Outer fabrication (body) construction	304 grade Stainless Steel (Mirror polish)
Tank construction	304 & 316 grade Stainless Steel
Tank wall thickness	0.9mm
<b><u>ELECTRICAL:</u></b>	
Power rating (kW)	3
Voltage supply	230 V (50-60Hz)
Electrical supply	Single-phase, N & E (min break rating of 13amp required)
Electrical Connection	Wire into double-pole fused spare (minimum cable size: 1.5mm <sup>2</sup> ). Use of an ELCB is recommended
<b><u>PLUMBING:</u></b>	
Water inlet connection:	3/4" BSP or 15mm push-fit
Mains water pressure range	2 – 7 bar (28psi – 100psi)
Overflow/waste connection:	15mm push-fit (extend if required: pipework to have a continuous fall (no longer than 500mm), no more than 3 right-angle bends.
<b><u>PERFORMANCE:</u></b>	
Water temperature delivered	96°C (default) – can be adjusted if required
Heat up time to working temperature	30 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 Litres
Stand-by power loss (idle mode)	0.1 kW/h
<b><u>FILTRATION:</u></b>	
Multi-Filter (taste & odour, sediment & reduces lime-scale)	No ( <i>available as an optional extra if required</i> )
<b><u>OTHER FEATURES:</u></b>	
Tank-baffle plates – unique design aids heat recovery & reduces steam emissions to atmosphere	Yes
Early warning lime-scale diagnostics (via LED light)	Yes – Basic
Dual safety protection	Yes - Over-boil & boil-dry protection
<b><u>STANDARDS &amp; APPROVALS:</u></b>	
WRAS approved	Yes
EMC Tested and Certified (EN 55014 & EN 61000)	Yes
Electrical Safety Tested and Certified to BS standard EN 60335-1 & 2	Yes
<b><u>WARRANTY &amp; AFTER-SALES:</u></b>	
Guarantee	1 Year parts



Certificate Numbers: FM01234 & EM01234