

# atc

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*The Professionals Choice*

## INST5N

Wall Mounted SureFlow Water Boiler



## FULL SPECIFICATION



### INST5N Wall Mount SureFlow Automatic Fill Water Boiler

Type	Economy Wall Mount – <i>Wall mount Water Boiler</i>
Country of Design & Manufacture	UK
<b>CAPACITY, WEIGHTS &amp; DIMENSIONS:</b>	
Capacity (Litres)	5
Unit dimensions (W x D x H) mm	290 x 205 x 432
Packed dimensions (W x D x H) mm	285 x 380 x 540
Tap protrusion mm	85mm
Product weight - empty (kg)	7.8
Product weight – full (kg)	16.0
Packed weight (kg)	9.1
<b>CONSTRUCTION:</b>	
Outer fabrication (body) construction	304 grade Stainless Steel (Mirror polish)
Tank construction	304 & 316 grade Stainless Steel
Tank wall thickness	0.9mm
<b>ELECTRICAL:</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>PLUMBING:</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>PERFORMANCE:</b>	
Water temperature delivered	96°C (default) – can be adjusted if required
Heat up time to working temperature	16 mins (full tank capacity)
Output per hour (@ default temperature setting)	27 Litres (higher output/hour if set @ lower temperature)
Rapid draw-off	5 Litres
Recovery per minute	0.5 Litres
Stand-by power loss (idle mode)	0.1 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>	
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>STANDARDS &amp; APPROVALS:</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>WARRANTY &amp; AFTER-SALES:</b>	
Guarantee	1 Year parts



Certificate Numbers: FM01234 & EM01234