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# CTSBC28-10

SmartFlow Combined Boiler & Chiller



# FULL SPECIFICATION



## SureFlow Automatic Fill Combined Water Boiler & Chiller

|   |  |
|---|--|
| Type  | Countertop, combined water boiler & chiller                |
| Country of Design & Manufacture   | UK   |
| <b>CAPACITY, WEIGHTS &amp; DIMENSIONS:</b>  |  |
| Unit dimensions (W x D x H) mm  | 270 x 503 x 579 (depth includes drip-tray)                 |
| Packed dimensions (W x D x H) mm  | 340 x 635 x 870  |
| Tap clearance mm  | 148mm  |
| Product weight - empty (kg)   | 23.5   |
| Product weight – full (kg)  | 30.5   |
| Packed weight (kg)  | 29.8   |
| <b>CONSTRUCTION:</b>  |  |
| Outer fabrication (body) construction   | 304 grade Stainless Steel (Superbrush polish)              |
| Tank construction   | 304 & 316 grade Stainless Steel                            |
| Tank wall thickness   | 0.9mm  |
| Fridge Deck   | Dry chiller [200W]   |
| Refrigerant (chiller deck)  | R134A (75g)  |
| <b>ELECTRICAL:</b>  |  |
| Power rating (kW)   | 3  |
| Voltage supply  | 230 V (50-60Hz)  |
| Electrical supply   | Single-phase, N & E (13A)                                  |
| Plug type   | 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 (HOT):</b>   |  |
| Water temperature delivered   | 96°C (default) – can be adjusted if required               |
| Heat up time to working temperature   | 12 mins (full tank capacity)                               |
| Output per hour (@ default temperature setting)   | 28 Litres (higher output/hour if set @ lower temperature)  |
| Rapid draw-off  | 3 Litres   |
| Recovery per minute   | 0.5 Litres   |
| Stand-by power loss (idle mode)   | 0.09 kW/h  |
| <b>PERFORMANCE (CHILLED):</b>   |  |
| Water temperature delivered   | Between 3°C and 11°C (*subject to ambient temperatures)    |
| Output per hour   | Over 60 cups per hour of chilled water @ <11°C             |
| <b>FILTRATION:</b>  |  |
| Multi-Filter (taste & odour, sediment & reduces lime-scale)                                   | Yes (not integral)   |
| Filter Benefits   | Removes sediment & chlorine for fresh, clean tasting water |
| Mechanical sediment filtration  | 5 micron   |
| Max filter capacity   | 5600 Litres  |
| <b>OTHER FEATURES:</b>  |  |
| Simple & reliable design eliminates valves & pumps  | Yes (pressure-regulated dispense system)                   |
| Tank-baffle plates – unique design aids heat recovery & reduces steam emissions to atmosphere | Yes  |
| Early warning lime-scale diagnostics (via LED light)  | Yes  |
| Dual safety protection  | Yes - Over-boil & boil-dry protection                      |
| <b>STANDARDS &amp; APPROVALS:</b>   |  |
| WRAS approved   | Pending  |
| EMC Tested and Certified (EN 55014 & EN 61000)  | Yes (self-certified)                                       |
| Electrical Safety Tested and Certified to BS standard   | Yes (self-certified) - 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)                  |

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