

## Caremix<sup>®</sup> IR3

**CTAP 100 015 WALL MOUNTED INFRA-RED CONTROLLED TMV3 APPROVED THERMOSTATIC TAP MAINS POWERED**

**CTAP 100 016 WALL MOUNTED INFRA-RED CONTROLLED TMV3 APPROVED THERMOSTATIC TAP BATTERY POWERED**

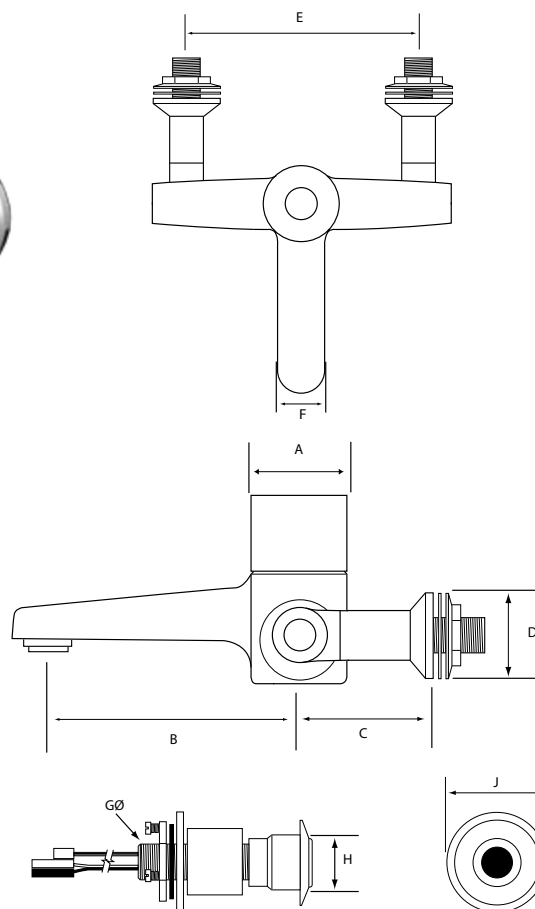
The Caremix<sup>®</sup> IR3 is a TMV3 approved thermostatic tap which is infra-red controlled. It is designed to be used in areas with a panel system, where a void behind the wall or panel carries the service pipework, concealing the solenoid valves, strainers and power supply. This type of panel system is common in many commercial sites.

The Caremix<sup>®</sup> IR3 tap is ideal for high risk environments like hospitals or nursing homes to protect vulnerable people from the risk of being scalded by hot water. With the use of infra-red controlled technology, a no touch 'hands-free' system of operation can be achieved: valuable in many environments and particularly in healthcare premises where the risks and potential consequences of cross contamination can be a very serious and potentially health threatening problem.

The tap is designed for ease of operation and installation, as it incorporates isolation, filtration, check valves and flow regulators all within the design of the body. In addition: solenoid valves, link cables, a power supply and the infra-red sensor are all provided.



### Dimensions



Part Code	A	B	C	D	E	F	GØ	H	J
CTAP 100 015 & 016	55	130	105	56	200	40	½"	32	50

All dimensions shown in mm unless otherwise stated

### Specifications

Hot supply temperature range	50°C - 85°C
Recommended hot supply temperature	55°C - 60°C
Cold supply temperature range	5°C - 25°C
Maximum static pressure	10 bar
Maximum working pressure	5 bar
Minimum working pressure	0.5 bar
Permitted supply pressure variation	10:1
Factory set temperature	41°C +/-2°C
Minimum temperature differential (between the hot supply and the outlet temperature)	10°C
Flow rate (regulated)	6 LPM
Power supply	6 volt/1300mAh
Consumption	28 $\mu$ A (typical) – 40 $\mu$ A (max)
Adjustable sensing range	50mm to 250mm
Factory set sensing distance	120mm
Detection angle	8°
Convenience delay	2 secs
Security delay	30 secs
Valve pulse time	20 ms
Sensor cable length	800mm
Link cable length	360mm

### Standards

BS 7942  
BS EN 15091  
MES D08  
HTM 64 compliant

### Approvals

WRAS  
TMV3

### Approved Applications

Code	Operating Pressure	Application	Recommended Temperature	Maximum Temperature
HP-W	High Pressure	Washbasin	41°C	43°C
LP-W	Low Pressure	Washbasin	41°C	43°C

For wash hand basins it is assumed washing will be under running water.

### Typical Installation



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Supplement to brochure CAREMIX THERMOSTATIC TAPS, CTAP-001-07/09

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