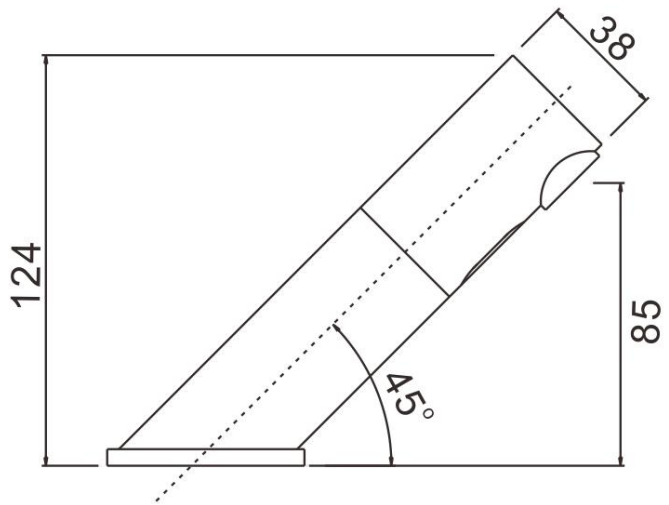


## 167.IRSST Infrared Sensor Tap (excl. waste)



<b>Product Code:</b>	167.IRSST
<b>Construction:</b>	Brass Body (CuZn40Pb2), EN CW617N (equivalent to BS CZ122)
<b>Finishes:</b>	Chrome plated to BS EN 248
<b>Product Type:</b>	Hands free infrared activation commercial tap
<b>Water Pressure:</b>	Min. 1.5 bar, Max. 6.0 bar
<b>Plumbing Systems:</b>	Suitable for all plumbing systems, Hot and Cold water pressure preferably balanced Max. supply pressure differential requirement no greater than 5:1
<b>Standards:</b>	Complies with EN60529
<b>Power:</b>	Voltage: DC6V or AC220V-240V (6V Output); Dynamic Output Power: 3W; Working Voltage of Solenoid Valve: 4.5V Dynamic Current: 500µA; Static Current (Sensor range 30cm): Less than 30µA
<b>Power Options:</b>	Choice of : i. Batteries only DC (4 x AA batteries: up to 2 years lifespan depend on level of usage) ii. Mains power AC supply only iii. Both Mains AC + Batteries DC (backup) connected at the same time

<b>Power Consumption:</b>	Less than 1W (DC) or 0.2mW (AC); Silent power consumption: 0.5mW
<b>Fitting:</b>	Control box: Diameter of 'inlet' pipe: G1/2" BSP Control box: Diameter of 'outlet' pipe: G1/2" BSP Suitable for cold or premixed water
<b>Sensing Distance:</b>	6 - 24cm (Factory setting to 17-18cm)
<b>Respond Time:</b>	0.3 second
<b>Noise class:</b>	1
<b>Aerator:</b>	Spout aerator (Anti splash and flow restrictor)
<b>Sensor:</b>	Integrated spout sensor
<b>Max Operational temperature:</b>	Maximum operation temperature 45°C
<b>Packaging:</b>	55 x 34 x 39cm / carton (10 boxes); Dimension: 7 x 31 x 26.5cm / box; Weight: 1.86Kg / box
<b>Guarantee:</b>	3 years against manufacturing faults (excluding serviceable parts)
<b>Additional Information:</b>	i. Suitable for cold or premixed water, and suitable for main or battery installation ii. It's entirely up to customer to decide which power option/ combination suits the installation / usage the best. The integrity of the tap stays the same.

### Flow Rates (litres per minute)

System Pressure	0.1 Bar	0.2 Bar	0.3 Bar	0.5 Bar	1.0 Bar	1.5 Bar	2.0 Bar	3.0 Bar	4.0 Bar	5.0 Bar
167.IRSST	-	-	-	1.6	2.5	-	3.6	4.4	5.0	5.6

All dimensions are in millimetres unless otherwise stated. The information contained on this page was correct at date of issue. Fitting dimensions are provided as a guide only. Some variation may occur due to manufacturing tolerances. We pursue a policy of continuing improvement in design and performance of our products and so reserve the right to change specifications without prior notice.

THE TUNBRIDGE WELLS  
Brassware Co.

# 167.IRSST

