

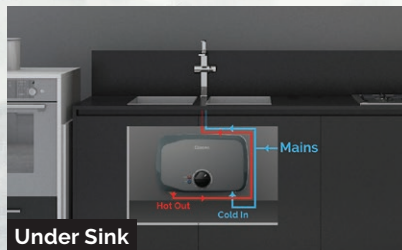
Centon



Onyx

Instant Water Heater **OX265 SERIES**

USE CASES



Under Sink



Multi-point



Export
Excellence
Award
2019

with



**Fuzzy Logic
Control**



ultrahot
Upgraded to **7.0kW**



extrahot
Upgraded to **5.5kW**



Image for illustration purposes only.
Please consult a certified plumber and obey all building regulations.

Full Specifications



Fuzzy Logic Control

Artificial intelligence that stabilizes output water temperature even when input water temperature and water flow rate fluctuates.



Heavy Duty Copper Tank

Anti-leak tank that can withstand high water pressure up to 8.5 Bar, more than double the pressure limit of a plastic tank.



Built-in Residual Current Device (RCD)

Automatically Power supply cuts off in the event of current leakage.



Built-in Flow Sensor

Cuts off power in the event water flow is less than the rated flow.



Double Function Thermostat

Protects from the risk of scalding in case of overly high temperature.



Splash Proof Casing

Protection against water jet spray from all possible directions.



Built-in Voltage Surge Protector

Protects internal electrical circuit from electrical surges and voltage spikes, including those caused by lightning.



UK Technology Heating Element

Advanced heating technology providing users with instant hot shower water flow.



Unlimited Capacity Hot Water Supply

Tankless instantaneous water heater technology provides on-demand constant supply of hot water instantly.

Technical Info

Suruhanjaya Tenaga Guidelines on Minimum Conductor Sizes

Water Heater Rating @230v	Load	MCB/RCD (Minimum)	Live	Neutral	PE
< 2,856W	12.4A	16A	4mm ²	4mm ²	4mm ²
> 2,856W to < 3,570W	15.5A	20A	4mm ²	4mm ²	4mm ²
> 3,570W to < 4,462W	19.4A	25A	4mm ²	4mm ²	4mm ²
> 4,462W to < 5,711W	24.8A	32A	4mm ²	4mm ²	4mm ²
Centon Onyx 5.5kW requires 4mm ² cables					
> 5,711W to < 7,139W	31A	40A	6mm ²	6mm ²	6mm ²
Centon Onyx 7.0kW requires 6mm ² cables					
> 7,139W to < 8,924W	38.8A	50A	10mm ²	10mm ²	10mm ²

For more info on these guidelines, please refer to MS IEC 60364

Distributed by

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Technical Data

Heater Electrical Rating

7kW, 240Vac, 50Hz / 5.5kW, 240Vac, 50Hz

Min. Water Flow Rate

2 litre / min

Max. Water Pressure

0.60MPa (6bar/87psi)

Water Temp. Control

Fuzzy Logic

Water Connection

15mm dia. (1/2" BSP)

Heater Unit Dimensions

308mm (L) x 195mm (W) x 98mm (H)

Total Installed Footprint

(Heater & Isolation Barrier + Pressure Relief Valve)

308mm (W) x 295mm (L) x 98mm (H)

Heater Weight

1.80Kgs

e-Warranty System

Register & check for remaining warranty period ONLINE

10 YEARS

Anti-Leak Tank

5 YEARS

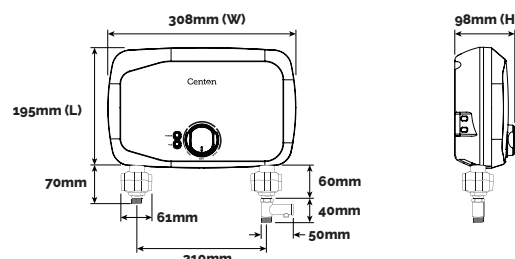
Heating Element

1 YEAR

Other Electrical & Electronic Parts



Measurements



Flow Rate vs Output Water Temperature

Incoming Temp.	25°C (KL)		15°C (Genting)	
Flow Rate (Litres/min)	Power Rating			
	5.5 kW	7.0 kW	5.5 kW	7.0 kW
2	50.0°C	50.0°C	50.0°C	50.0°C
3	48.4°C	50.0°C	38.4°C	44.7°C
4	42.5°C	47.3°C	32.5°C	37.3°C
5	39.0°C	42.8°C	29.0°C	32.8°C
6	36.7°C	39.9°C	26.7°C	29.9°C
7	35.0°C	37.7°C	25.0°C	27.7°C
8	33.8°C	36.2°C	23.8°C	26.2°C
9	32.8°C	34.9°C	22.8°C	24.9°C
10	32.0°C	33.9°C	22.0°C	23.9°C
Output Temp.				

Output Temp.

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