



Proudly Australian
Owned and Designed



**SPT BLACK KNIGHT
ALL-IN-ONE HEAT PUMP
HOT WATER HEATER**



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SPECIFICATIONS

Model		WH250A-R	WH250A-RE
Power Supply		1 Phase, 220-240V, 50Hz	
Water Tank Volume		L	250L
Electric Heating Element		-	1.5kW
Heat Pump	Heating Capacity	kW	2.0
	Rated Power Input	kW	0.54
	COP		3.7
	Noise Level	dB(A)	48
Max. Current (Heat Pump + Element - RE Model Only)		A	3.8
Inner Tank	Material		Enamel
	Thickness	mm	2.5
	Diameter	mm	470
Water Inlet/Outlet Pipe			DN20
Rated Water Tank Pressure		Mpa	0.85
Water Tank Max Water Pressure		MPa	1
Operation Pressure (Low Side)		Mpa	1
Operation Pressure (High Side)		MPa	2.7
Max Outlet Water Temperature		°C	60
Working Range		°C	-7 to 43°C
Anti-Corrosion for Water Tank			Magnesium
IP Class			IPX4
Electric Shock Proof			II
Outdoor unit	Dimension (D*H)	mm	ø570 * 2140
	Packed Dimension (W*D*H)	mm	710 * 2350 * 680
	Net Weight	Kg	125
	Gross Weight	Kg	145

CERTIFICATES 1ST OF FEB 2024

MODEL	WH250A-R					WH250A-RE				
Description	Residential ALL-IN-ONE HPWH 250L					Residential ALL IN ONE HPWH 250L + Element				
NATIONAL										
Zones	Z1	Z2	Z3	Z4	Z5	Z1	Z2	Z3	Z4	Z5
STC	18	17	21	22	22	18	17	21	22	22
NSW	METRO		REGIONAL		METRO		REGIONAL			
Zones	Z3	Z5	Z3	Z5	Z3	Z5	Z3	Z5	Z3	Z5
D17 - Elec	43	40	44	41	43	40	44	41	43	41
D19 - Gas	22	19	22	19	22	19	22	19	22	19
VIC	METRO		REGIONAL		METRO		REGIONAL			
Zones	Z4	Z5	Z4	Z5	Z4	Z5	Z4	Z5	Z4	Z5
VEEC 1D - Elec	12	11	13	11	12	11	13	11	12	11
VEEC 3C - Gas	7	6	7	6	7	6	7	6	7	6

