



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



# SPECIFICATIONS

Model			WH265A-R	WH265A-RE	WH265A-C	WH265A-CE	WH315A-R	WH315A-RE	WH315A-C	WH315A-CE	
Power Supply			1 phase, 220-240V, 50Hz								
Water Tank Volume		L	265				315				
Heat Pump	Rated Heating Capacity	W	2500								
	Rated Input Power <sup>1</sup>	W	890								
	Rated Input Current	A	4.3								
	COP <sup>2</sup>		5.14				5.21				
	Refrigerant		R290								
	Expansion Valve		EEV TS1 1.3								
	Fan		Axial fan								
Ventilation			Side discharge								
Heating Element	Heating Capacity	W	-	2000	-	2000	-	2000	-	2000	
	Input Current	A	-	9.1	-	9.1	-	9.1	-	9.1	
Tank	Heat Exchanger		Micro Channel								
	Inner Material		SPCC + Enamel								
	Inner Thickness	mm	2.5								
	Water Inlet/Outlet Pipe		DN20								
	Rated Water Tank Pressure	Mpa	1								
	Max Water Pressure	Mpa	1								
	Operation Pressure (Low Side)	Mpa	0.15								
	Operation Pressure (High Side)	Mpa	2.8								
Outer Casing			Galvanized								
Max Current	A	4.3	13.3	4.3	13.3	4.3	13.3	4.3	13.3		
Hot Water Output Rate (15~55 °C)	l/h	53.75	96.75	53.75	96.75	53.75	96.75	53.75	96.75		
Outlet Water Temperature			60 °C		65 °C		60 °C		65 °C		
Working range			-10~43 °C								
Anti-corrosion for water tank			Magnesium								
Anti Legionella			Yes								
IP Class			IPX4								
Electric Shock Proof			I								
Dimension (D x H)	mm	ø640 x 1800				ø640 x 2010					
Packed Dimension (W x L x H)	mm	740 x 740 x 1890				740 x 740 x 2110					
Net Weight	Kg	113				124					
Gross Weight	Kg	φ640*(1800±10mm)				137				149	

## Notes:

1. Rated Input Power (Heat pump): Power input at 70°C

2. COP: Ambient DB19°C/WB15°C, water from 14°C to 55°C, Average heating efficiency

# CERTIFICATES 8TH OF MAY 2024

## NATIONAL

7-YEAR STC					
Model	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5
WH265A-R / WH265A-RE	18	17	21	23	22
WH315A-R / WH315A-RE	18	17	21	23	23
WH265A-C / WH265A-CE	16	13	18	19	18
WH315A-C / WH315A-CE	16	14	18	20	19

## RESIDENTIAL

NSW	ESC D17 Metro		ESC D17 Regional		ESC D19 Metro		ESC D19 Regional	
Model	ZONE 3	ZONE 5	ZONE 3	ZONE 5	ZONE 3	ZONE 5	ZONE 3	ZONE 5
WH265A-R / WH265A-RE	44	40	45	42	23	20	22	19
WH315A-R / WH315A-RE	44	41	45	42	23	20	23	20
WH265A-C / WH265A-CE	39	35	40	36	18	14	18	13
WH315A-C / WH315A-CE	40	37	41	38	19	16	19	16

VIC	VEEC ID Metro		VEEC ID Regional		VEEC 3C Metro		VEEC 3C Regional	
Model	ZONE 4	ZONE 5	ZONE 4	ZONE 5	ZONE 4	ZONE 5	ZONE 4	ZONE 5
WH265A-R / WH265A-RE	12	12	13	12	8	7	8	7
WH315A-R / WH315A-RE	12	12	13	13	8	7	8	7
WH265A-C / WH265A-CE	10	9	10	9	5	4	5	4
WH315A-C / WH315A-CE	11	10	11	11	6	5	6	5

## COMMERCIAL

NSW	ESCs - Metro						ESCs - Regional						PRCs	
	F16 Gas		F16 Elec		F17 New		F16 Gas		F16 Elec		F17 New		WH1	
	ZONE 3	ZONE 5	ZONE 3	ZONE 5	ZONE 3	ZONE 5	ZONE 3	ZONE 5	ZONE 3	ZONE 5	ZONE 3	ZONE 5	ZONE 3	ZONE 5
WH265A-C	25	-	77	-	20	-	24	-	80	-	19	-	540	-
WH265A-CE	41	22	118	80	33	16	39	20	122	83	32	15	816	573
WH315A-C	35	22	98	74	30	17	34	21	101	76	28	16	672	523
WH315A-CE	44	30	136	110	35	23	41	28	140	113	33	21	946	779

VIC	VEECs - Metro						VEECs - Regional					
	44A(i) Gas		44A(ii) Elec		44A(iii) New		44A(i) Gas		44A(ii) Elec		44A(iii) New	
	ZONE 4	ZONE 5	ZONE 4	ZONE 5	ZONE 4	ZONE 5	ZONE 4	ZONE 5	ZONE 4	ZONE 5	ZONE 4	ZONE 5
WH265A-C	14	-	38	-	11	-	12	-	41	-	10	-
WH265A-CE	20	14	52	41	16	11	18	12	56	43	14	9
WH315A-C	17	14	43	38	14	11	15	12	46	40	13	10
WH315A-CE	23	19	64	55	18	15	20	16	68	59	16	12



The above certificates are a calculation only. Pending approval.



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