

# SLAWATER

ELECTRIC HOT WATER HEAT PUMP

200L | 300L









Smart Lifestyle



# Make Savings Appear Out Of Thin Air With A Smart Lifestyle Australia

Harvest the free energy with the advanced Smart Lifestyle Australia Heat Pump. This renewable energy water heating technology uses up to 80% less energy than a conventional water heater, whilst providing reliable hot water all day and night.

**USES UP TO** 



#### Features



#### Modern & Stylish

A stylish slim line single piece unit incorporates a top-mounted compressor with compact footprint.



#### **Highly Efficient**

Produces significantly more heat energy than the power input; saving on purchased energy.



#### **Handy Controller**

Providing intuitive operation & helpful functions such a temp setting, timer & safety lock.



#### **Built-in Frost Protection**

Protecting the condenser from icing for complete peace of mind.

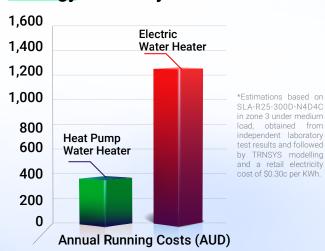
#### **Smart** Technology



Heat pumps utilise an ingenious technology to efficiently transfer thermal energy directly from the surrounding air and into water, and so do not rely on direct sun or fossil fuels to provide an energy source.

A heat pump is like an energy multiplier. From 1kW of power input, it can create over 5kW's of output heat2. That's a performance efficiency of remarkable 500%. Where as conventional electric storage water heaters can only convert 1kW of input into maximum of 1kW of output heat.

#### **Energy** Efficiency



Water heating accounts for nearly a quarter of the energy use and greenhouse gas emissions in the average Australian home.



#### **Operational Modes**



#### ECO (Heat Pump Only) Mode

The standard mode where the highest efficiency is achieved

#### **Hybrid Mode**

The Heat Pump & E-heater operates together to ensure the set temperature is achieved.

#### E-Heater

When the air temperature drops to below -7°C, the heat pump will automatically select E-heater mode for an electric hot water boost.

#### R290 Heat Pumps

R290 gas boasts high thermodynamic efficiency, making it a superior choice for heat pumps. Its environmentally friendly composition results in reduced greenhouse gas emissions, contributing to a cleaner planet.

Moreover, R290's non-toxic and non-corrosive characteristics enhance safety during operation and maintenance. By harnessing the power of R290 in our hot water heat pumps, we prioritize energy efficiency, cost-effectiveness, and sustainability, ensuring a comfortable environment while minimizing environmental impact."





#### **Auto Disinfection**

Providing intuitive operation & helpful functions such as temp setting, timer & safety lock

Hot

air in



#### **Low Operating Noise**

Operating at a very low 48-58 dB(A) you will hardly know it's there!

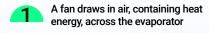


**Tank-Wrapped Condenser Coil**For efficient heat transfer & preventing water contamination



Power Outage Memory
Protecting the condenser
from icing for complete
peace of mind

#### How IT Works



The evaporator turns the liquid refrigerant into a gas

The compressor pressurizes the refrigerant into a hot gas

The hot gas inside the condenser coil heats the water inside the coil-wrapped tank

The refrigerant reverts back to a liquid after heating the water and continues to the evaporator for the process to start again



An energy efficient hot water system such as the Smart Lifestyle Australia heat pump is a great way for households to make substantial reductions in their energy consumption and cost of living.

A heat pump provides a quick and easy replacement of your old energy-hungry electric water heater, whilst also reducing CO2 emissions by over 4 tonnes, and saving you up to \$900\* per year

## **Product Specifications**

			01 4040 D000 H0550	S		
Mode	el		SLA310-R290-H25E0	SLA260-R290-H25E0	SLA200-R290-H18E0	
System Features						
Nominal tank volum		L	310	260	204	
Heating capacity (H		kW	2.50	2.50	1.75	
Input (Heat pump or	nly)	W	480	480	350	
COP			5.21	5.21	5.00	
STC 6 years (Zone	1/2/3/4/5)		16 / 15 / 19 / 20 / 20	15 / 15 / 18 / 19 / 19	16 / 16 / 19 / 21 / 21	
Power supply			220V-240V AC, 1 Ph, 50Hz	220V-240V AC, 1 Ph, 50Hz	220V-240V AC, 1 Ph, 50Hz	
Rated current (Heat	t pump only)	Α	2.13	2.13	1.55	
Maximum input pow	er	kW	0.87		0.68	
Maximum current		Α	3.8	3.8	3.0	
Air flow		m³/h	792	792	540	
Maximum water ten (Heat pump only)	nperature	°C	70	70	70	
Hot water yield		L/h	52	52	52	
Working ambient te	mperature		-10°C to 40°C	-10°C to 40°C	-10°C to 40°C	
(Heat pump only)		JD/A)				
Sound pressure leve		dB(A) kPa	48 - 58 800	48 - 58	48 - 58	
Maximum operating Water resistance	water pressure	KPa	IPx4	800 IPx4	800 IPx4	
Refrigerant type / Fa	actory charged		R290 / 390g	R290 / 390g	R290 / 280g	
Throttling type	actory charged		Electric expansion valve	Electric expansion valve	Electric expansion valve	
Compressor			Electric expansion valve	Licetile expansion valve	Licetile expansion valve	
Model			DSM135V11VDZ	DSM135V11VDZ	WHP01750PSV-H3BUA	
Type ×Quantity			Rotary x1	Rotary x1	Rotary x1	
Brand			GMCC	GMCC	Highly	
Capacitor			20μF/450V	20μF - 450V	15µF - 450V	
<u> </u>		W	20µг/430 V	2250	1740	
Cooling capacity					-	
Rated input power		W	512	512	405	
Current		Α	2.38	2.38	1.85	
Oil type / charged			XS-601C1 / 260mL XS-601C1 / 260mL		PAG / 150mL	
Evaporator						
Rows			4	4	3	
Fin material			Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	
T. J.	Material		Inner groove copper tube	Inner groove copper tube	Inner groove copper tube	
Tube	Outside diameter	mm	Ф7	Ф7	Ф7	
Fan motor						
Motor model			ZKFP-34-8-15	ZKFP-34-8-15	ZKFP-34-8-15	
Brand			Welling	Welling	Welling	
Motor type			BLDC	BLDC BLDC		
Speed		RPM	900	900	900	
Fan type ×Quantity			Axial ×1	Axial ×1	Axial ×1	
Fan diameter×Heigl	ht	mm	Ф320×141	Ф320×141	Ф300×79.5	
Inner Tank						
Inner tank material			Enamel	Enamel	Enamel	
Inner tank outside d	liameter	mm	Ф550	Ф550	Ф420	
Wall-thickness (Inne	er tank wall / dome)	mm	2.5/3.0	2.5/3.0	2.0/3.0	
Rated inner tank pressure kPa		kPa	800.0	800.0	800.0	
Insulation	Insulation		Polyurethane	Polyurethane	Polyurethane	
Outer tank material		Galvanized steel	Galvanized steel	Galvanized steel		
Condenser coil		Microchannel wrap-around to tank	Microchannel wrap-around to tank	Microchannel wrap-around to tank		
Corrosion proof			Magnesium anode	Magnesium anode	Magnesium anode	
Dimensions and We	eight					
Inlet water pipe connection mm		G3/4"	G3/4"	G3/4"		
Outlet water pipe co	onnection	mm	G3/4"	G3/4"	G3/4"	
Condensing water of	connection	mm	1/2", internal thread	1/2", internal thread	1/2", internal thread	
Unit dimension (ΦD	×H)	mm	Ф640×2,010	Ф640×2,010	Ф510×2,175	
Net weight		kg	129	115	95	
			l	1	1	

#### Notes

1. Rated input power (heat pump only) and heating capacity are based on the following condition: Tank water temperature from 14°C to 55°C Air at 19°C Dry Bulb / 15°C Wet Bulb

#### 2.Please refer to the product nameplate

According to the standard AS/NZS 4234:2021 optimization and modeling of this product, the system will automatically switch to the default settings after 24 hours of running on any other settings.

## **Product Specifications**

	Model		SLA-R25-300D/N4D4	SLA-R25-300D/N4D4C
System Features				
Nominal tank volun	ne	L	300	300
Heating capacity (F	Heat pump only)	kW	2.50	2.50
Input (Heat pump of		W	480	480
EBH (Electric back		kW	2.0	2.0
COP	,		5.21	5.21
STC (Zone 1 / 2 / 3	8 / 4 / 5) 10 years		28 / 27 / 33 / 36 / 35	28 / 27 / 33 / 36 / 35
Power supply	77 47 0) 10 years		220V-240V AC, 1 Ph, 50Hz	220V-240V AC, 1 Ph, 50Hz
Rated current (Hea	at nump only)	Α	2.13	2.13
Maximum input pov		kW	2.87	2.87
Maximum current	vei	A	13.0	13.0
Air flow		m3/h	792	792
	mperature (Heat pump only)	°C	792	
Hot water yield	inperature (Fleat pullip offly)	L/h	52	70
		L/II	-	52
	emperature (Heat pump only)	dD/A)	-10°C to 40°C	-10°C to 40°C
Sound pressure lev		dB(A)	48 - 58	48 - 58
Maximum operating	y water pressure	kPa	800 IDv4	800 IPx4
Water resistance			IPx4	
Refrigerant type / F	-actory charged		R290 / 390g	R290 / 390g
Throttling type			Electric expansion valve	Electric expansion valve
Compressor				
Model			DSM135V11VDZ	DSM135V11VDZ
Type ×Quantity			Rotary x1	Rotary x1
Brand			GMCC	GMCC
Capacitor			20μF/450V	20µF - 450V
Cooling capacity		W	2250	2250
Rated input power		W	512	512
Current		Α	2.38	2.38
Oil type / charged			XS-601C1 / 260ml	XS-601C1 / 260ml
Evaporator				
Rows			4	4
Fin material			Hydrophilic aluminum	Hydrophilic aluminum
Fili Illatellal			7 .	
Tube	Material		Inner groove copper tube	Inner groove copper tube
	Outside diameter	mm	Ф7	Ф7
Fan motor			71/50 04 0 45	71/50 04 045
Motor model			ZKFP-34-8-15	ZKFP-34-8-15
Brand			Welling	Welling
Motor type			BLDC	BLDC
Speed		RPM	900	900
Fan type ×Quantity			Axial ×1	Axial ×1
Fan diameter×Heig	ght	mm	Ф320×141	Ф320×141
Inner Tank				
Inner tank material			Enamel	Enamel
Inner tank outside	diameter	mm	Ф550	Ф550
Wall-thickness (Inn	ner tank wall / dome)	mm	2.5/3.0	2.5/3.0
Rated inner tank pr	ressure	kPa	800.0	800.0
Insulation			Polyurethane	Polyurethane
Outer tank materia			Galvanized steel	Galvanized steel
Condenser coil			Microchannel wrap-around to tank	Microchannel wrap-around to tank
Corrosion proof			Magnesium anode	Magnesium anode
Dimensions and W	eight			
Inlet water pipe cor		mm	G3/4"	G3/4"
Outlet water pipe c		mm	G3/4"	G3/4"
Condensing water		mm	1/2", internal thread	1/2", internal thread
Unit dimension (ΦΕ		mm	Ф640×2,010	Φ640×2,010
,	21)	kg	129	129
iver weight	Net weight		129	123

#### Notes:

- 1. Specification may be changed for product improvement.
- 2. Please refer to the product nameplate
- 3. Test condition Ambience: 19°C DB/15°C WB, initial water temperature 14°C, final water temperature 55°C

According to the standard AS/NZS 4234:2021 optimization and modeling of this product, the system will automatically switch to the default settings after 24 hours of running on any other settings.

## **Certificate Table**

Certificate Ta	Certificate Table - SLA Low Power R290 Heat Pump Water Heater								
	SLA310-R290-H25E0 (310L)								
Scheme	cheme Activity Zone 1 Zone 2 Zone 3 Zone 4 Zone 5								
VEEC Matro	1D Electric	-	-	-	9	9			
VEEC Metro	3C Gas	-	-	-	8	8			
V/550 D	1D Electric	-	-	-	10	9			
VEEC Regional	3C Gas	-	-	-	8	8			
ESC Metro	D17 Electric	-	-	28	-	28			
LOC IVIELIO	D19 Gas	-	-	13	-	13			
ESC Regional	D17 Electric	-	-	29	-	29			
Loo regional	D19 Gas	-	-	13	-	13			
STC	10-years	27	26	32	34	34			
310	6-years	16	15	19	20	20			

Certificate Table - SLA Low Power R290 Heat Pump Water Heater									
	SLA260-R290-H25E0 (260L)								
Scheme	Activity	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5			
VEEC Metro	1D Electric	-	-	-	9	9			
VEEC Metro	3C Gas	-	-	-	8	8			
	1D Electric	-	-	-	10	9			
VEEC Regional	3C Gas	-	-	-	8	8			
ESC Metro	D17 Electric	-	-	27	-	28			
LOC Metro	D19 Gas	-	-	12	-	12			
ESC Regional	D17 Electric	-	-	28	-	29			
	D19 Gas	-	-	12	-	12			
STC	10-years	26	25	31	33	32			
310	6-years	15	15	18	19	19			

Certificate Table - SLA Low Power R290 Heat Pump Water Heater								
SLA310-R290-H25E0 (310L)								
Scheme	Activity	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5		
VEEC Metro	1D Electric	-	-	-	10	9		
VEEC Metro	3C Gas	-	-	-	9	8		
	1D Electric	-	-	-	10	10		
VEEC Regional	3C Gas	-	-	-	9	8		
ESC Metro	D17 Electric	-	-	28	-	29		
LOC Wello	D19 Gas	-	-	14	-	14		
ESC Regional	D17 Electric	-	-	29	-	30		
Loo regional	D19 Gas	-	-	13	-	14		
STC	10-years	27	27	33	35	35		
010	6-years	16	16	19	21	21		

## **Certificate Table**

Certificate Table for Residential Models								
SLA-R25-300D-N4D4								
Scheme	Activity	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5		
\/FFO.M4	1D Elec	-	-	-	14	13		
VEEC Metro	3C Gas	-	-	-	9	8		
VEEC Regional	1D Elec	-	-	-	14	14		
VEEC Regional	3C Gas	-	-	-	9	8		
ESC Metro	D17 Elec	-	-	46	-	46		
EGG MGGG	D19 Gas	-	-	25	-	25		
ESC Pagional	D17 Elec	-	-	47	-	47		
ESC Regional	D19 Gas	-	-	25	-	25		
STC	7-years	19	18	23	25	24		

Certificate Table for Commercial Models								
	SLA-R25-300D-N4D4C							
Certificate type	Activity	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5		
	44A(i) Gas	_	_	_	-	-		
VEECs Metro	44A(i) Elec	-	-	-	-	-		
	44A(i) New	-	-	-	-	-		
	44A(i) Gas	-	-	-	-	-		
VEECs Regional	44A(i) Elec	-	-	-	-	-		
	44A(i) New	-	-	-	-	-		
	F16 Gas	-	-	32	-	20		
ESCs Metro	F16 Elec	-	-	93	-	72		
	F17	-	-	26	-	15		
	F16 Gas	-	-	30	-	18		
ESCs Regional	F16 Elec	-	-	96	-	74		
	F17	-	-	24	-	13		
STCs	7-year	16	13	18	19	19		

<sup>\*\*</sup> The specification may be changed for product improvement, please refer to the nameplate of product.

Condition - Ambient: 19°C DB/15°C WB, initial water temperature is 14°C, ending water temperature is 55°C.

## **Product Specifications | Residential**

System Features   L   200	- Model		SLA-R18-190D/N4A4	
Nominal tank volume			SLA-RT0-190D/N4A4	
Heating capacity (Heat pump only)   NW   350   Input (Heat pump only)   W   350   EBH (Electric backup heater)   KW   2.0   COP   5.00   5.00   STC (Zone 1/2/3/4/5) 10 years   28/27/33/36/35   Power supply   220V-240V AC, 1 Ph, 50Hz   Rated current (Heat pump only)   A   1.55   Maximum input power   KW   2.68   Maximum input power   KW   2.68   Maximum water temperature (Heat pump only)   C   70   Hot water yield   L/h   37   Working ambient temperature (Heat pump only)   -10°C to 40°C   Sound pressure level   dB(A)   48 - 58   Maximum operating water pressure   kPa   800   Water resistance   IPx4   Refrigerant type / Factory charged   Electric expansion valve   Compressor   WHP01750PSV-H3BUA   Thortting type   Electric expansion valve   Compressor   WHP01750PSV-H3BUA   Type ×Quantity   Rotary × 1   Brand   Highly   Capacitor   Signe   A   1.85   Cooling capacity   W   1740   Rated input power   W   405   Current   A   1.85   Current   A   1.85   Current   A   1.85   Current   A   1.85   Current   PAG / 150mL   Evaporator   PAG /	•	1	000	
Input (Heat pump only)				
EBH (Electric backup heater)				
COP         5.00           STC (20ne 1 / 2 / 3 / 4 / 5) 10 years         28 / 27 / 33 / 36 / 35           Power supply         220V-240V AC, 1 Ph, 50Hz           Rated current (Heat pump only)         A         1.55           Maximum input power         kW         2.68           Maximum current         A         1.20           Air flow         mi²h         540           Maximum water temperature (Heat pump only)         °C         70           Hot water yield         L/h         37           Working ambient temperature (Heat pump only)         -10°C to 40°C           Sound pressure level         d8(A)         48 - 58           Maximum operating water pressure         kPa         800           Water resistance         IPx4         800           Water resistance         IPx4         800           Water resistance         IPx4         800           Water resistance         IPx4         800           Refrigerant type / Factory charged         R2300 / 390g         Throttling type           Enertic expansion valve         Electric expansion valve           Compressor         WHP01750PSV-H38UA           Type xQuantity         R3         R51           Capacitor         W H901				
STC (Zone 1 / 2 / 3 / 4 / 5) 10 years	· · · · · · · · · · · · · · · · · · ·	KVV		
Power supply         220V-240V AC, 1 Ph, 50Hz           Rated current (Heat pump only)         A         1.55           Maximum input power         IKW         2.68           Maximum current         A         11.20           Air flow         m²/h         540           Maximum water temperature (Heat pump only)         °C         70           Hot water yield         L/h         37           Working ambient temperature (Heat pump only)         -10°C to 40°C           Sound pressure level         M86(A)         48 - 58           Maximum operating water pressure         kPa         800           Water resistance         IP×4         R290 / 390g           Refrigerant type / Factory charged         T8290 / 390g         R290 / 390g           Throttling type         Electric expansion valve           Compressor           WHP01750PSV-H3BUA           Type XQuantity         R0197 × 1           Brand         Highly           Capacitor         W1740           Current         M2         405           Current         M2         405           Current         M2         405 <td colspan<="" td=""><td></td><td></td><td></td></td>	<td></td> <td></td> <td></td>			
Rated current (Heat pump only)				
Maximum input power         kW         2.68           Maximum current         A         12.0           Air flow         m³/h         540           Maximum water temperature (Heat pump only)         °C         70           Hot water yield         L/h         37           Working ambient temperature (Heat pump only)         -10°C to 40°C           Sound pressure level         dB(A)         48 - 58           Maximum operating water pressure         kPa         800           Water resistance         IPX4         Refigerant 1ype / Factory charged         R290 / 390g           Refrigerant type / Factory charged         R290 / 390g         Electric expansion valve           Compressor         WHP01750PSV-H3BUA         R04         T04           Model         WHP01750PSV-H3BUA         W1         T04         R04         T04	Power supply		220V-240V AC, 1 Ph, 50Hz	
Maximum current         A         12.0           Air flow         m³/h         540           Maximum water temperature (Heat pump only)         °C         70           Hot water yield         L/h         37           Working ambient temperature (Heat pump only)         -10°C to 40°C           Sound pressure level         dB(A)         48 - 58           Maximum operating water pressure         kPa         800           Water resistance         IPx4         R290 / 390g           Throttling type         Electric expansion valve           Compressor           Wodel         WP01750PSV-H3BUA           Type ×Quantity         Rotary × 1           Brand         Highly           Capacitor         15µF - 450V           Cooling capacity         W         1740           Rated input power         W         405           Current         A         1.85           Oil type / charged         PAG / 150mL           Evaporator           Rows         3           Fin material         Hydrophilic aluminum           Tube         Material         Inner groove copper tube           Outside diameter         mm         Φ7	Rated current (Heat pump only)	А	1.55	
Air flow  Maximum water temperature (Heat pump only)  Maximum water yield  Morking ambient temperature (Heat pump only)  Sound pressure level	Maximum input power	kW	2.68	
Maximum water temperature (Heat pump only)         °C         70           Hot water yield         L/h         37           Working ambient temperature (Heat pump only)         -10°C to 40°C           Sound pressure level         dB(A)         48 - 58           Maximum operating water pressure         kPa         800           Water resistance         IPx4           Refrigerant type / Factory charged         R290 / 390g           Throttling type         Electric expansion valve           Compressor           Model         WHP01750PSV-H3BUA           Type xQuantity         Rotary x 1           Brand         Highly           Capacitor         15jF - 450V           Cooling capacity         W         1740           Rated input power         W         405           Current         A         1.85           Oil type / charged         PAG / 150mL           Expansion           Rows         3           Fin material         Hydrophilic aluminum           Tube         Material         Inner groove copper tube           Welling         Welling           Motor type         BLDC           Speed         RPM         900<	Maximum current	А	12.0	
Hot water yield   L/h   37   Working ambient temperature (Heat pump only)	Air flow		540	
Working ambient temperature (Heat pump only)         -10°C to 40°C           Sound pressure level         dB(A)         48 - 58           Maximum operating water pressure         kPa         800           Water resistance         IPx4           Refrigerant type / Factory charged         R290 / 390g           Throttling type         Electric expansion valve           Compressor         WHP01750PSV-H3BUA           Model         WHP01750PSV-H3BUA           Type x Quantity         Rotary x 1           Brand         Highly           Capacitor         15µF - 450V           Cooling capacity         W         1740           Rated input power         W         405           Current         A         1.85           Oil type / charged         PAG / 150mL           Evaporator         B         PAG / 150mL           Rows         3         Fin material           Tube         Material         Inner groove copper tube           Outside diameter         mm         Φ7           Fan motor         ZKFP-34-8-15           Motor model         ZKFP-34-8-15           Brand         Welling           Motor type         Speed         RPM         900 <td>Maximum water temperature (Heat pump only)</td> <td>°C</td> <td>70</td>	Maximum water temperature (Heat pump only)	°C	70	
Sound pressure level         dB(A)         48 - 58           Maximum operating water pressure         kPa         800           Water resistance         IPx4           Refrigerant type / Factory charged         R290 / 390g           Throttling type         Electric expansion valve           Compressor           Model         WHP01750PSV-H3BUA           Type ×Quantity         Rotary × 1           Brand         Highly           Capacitor         15µF - 450V           Cooling capacity         W         1740           Rated input power         W         405           Current         A         1.85           Oil type / charged         PAG / 150mL           Evaporator           Rows         3         PAG / 150mL           Evaporator         Bydrophilic aluminum           Inverter         Material         Inverter         Inverter           Tube         Material         Inverter         Material         Inverter           Motor model         ZKFP-34-8-15         Enamel         Inverter           Brand         Welling         Motor Yell Subscituding         Motor Yell Subscituding         Motor Yell Subscituding	Hot water yield	L/h	37	
Maximum operating water pressure         kPa         800           Water resistance         IPx4           Refrigerant type / Factory charged         R290 / 390g           Irbrutting type         Electric expansion valve           Compressor         WHP01750PSV-H3BUA           Type ×Quantity         Rotary × 1           Brand         Highly           Capacitor         15µF - 450V           Cooling capacity         W         1740           Rated input power         W         405           Current         A         1.85           Oil type / charged         PAG / 150mL           Evaporator         Evaporator           Rows         3           Fin material         Hydrophilic aluminum           Tube         Material         Inner groove copper tube           Motor model         ZKFP-34-8-15           Brand         Welling           Motor type         BLDC           Speed         RPM         900           Fan type ×Quantity         Axial ×1           Fan diameter×Height         mm         Φ300×79.5           Inner Tank         Enamel           Inner tank outside diameter         mm         Q420	Working ambient temperature (Heat pump only)	)	-10°C to 40°C	
Water resistance         IPx4           Refrigerant type / Factory charged         R290 / 390g           Throttling type         Electric expansion valve           Compressor           Model         WHP01750PSV-H3BUA           Type ×Quantity         Rotary × 1           Brand         Highly           Capacitor         15μF - 450V           Cooling capacity         W         1740           Rated input power         W         405           Current         A         1.85           Oil type / charged         PAG / 150mL           Evaporator           Rows         3           Fin material         Hydrophilic aluminum           Tube         Material         Inner groove copper tube           Pamotor         Welling           Motor model         ZKFP-34-8-15           Brand         Welling           Motor type         BLDC           Speed         RPM         900           Fan type ×Quantity         Axiai × 1           Fan diameter×Height         mm         Φ300×79.5           Inner Tank         Enamel           Inner Tank         Enamel           Inner tank material	Sound pressure level	dB(A)	48 - 58	
Water resistance         IPx4           Refrigerant type / Factory charged         R290 / 390g           Throttling type         Electric expansion valve           Compressor           Model         WHP01750PSV-H3BUA           Type ×Quantity         Rotary × 1           Brand         Highly           Capacitor         15μF - 450V           Cooling capacity         W         1740           Rated input power         W         405           Current         A         1.85           Oil type / charged         PAG / 150mL           Evaporator           Rows         3           Fin material         Hydrophilic aluminum           Tube         Material         Inner groove copper tube           Pamotor         Welling           Motor model         ZKFP-34-8-15           Brand         Welling           Motor type         BLDC           Speed         RPM         900           Fan type ×Quantity         Axiai × 1           Fan diameter×Height         mm         Φ300×79.5           Inner Tank         Enamel           Inner Tank         Enamel           Inner tank material	•			
Refrigerant type / Factory charged         R290 / 390g           Electric expansion valve           Compressor           Model         WHP01750PSV-H3BUA           Type ×Quantity         Rotary × 1           Brand         Highly           Capacitor         15μF - 450V           Cooling capacity         W         1740           Rated input power         W         405           Current         A         1.85           Oil type / charged         PAG / 150mL           Evaporator           Rows         3           Fin material         Hydrophilic aluminum           Tube         Material         Inner groove copper tube           Motor         ZKFP-34-8-15           Sepa Material         Velling           Motor type         BLDC           Speed         RPM         900           Speed         RPM         900           Fan type ×Quantity         Axial ×1           Fan diameter×Height         mm         Φ300×79.5           Inner tank o		'	IPx4	
Throttling type				
Compressor           Model         WHP01750PSV-H3BUA           Type ×Quantity         Rotary × 1           Brand         Highly           Capacitor         15μF - 450V           Cooling capacity         W         1740           Rated input power         W         405           Current         A         1.85           Oil type / charged         PAG / 150mL           Evaporator           Rows         3           Fin material         Hydrophilic aluminum           Hydrophilic aluminum           Inner groove copper tube         Duside diameter           Motor model         ZKFP-34-8-15           Brand         Welling           Motor type         BLDC           Speed         RPM         900           Fan type ×Quantity         Axial ×1           Fan diameter×Height         mm         Φ300×79.5           Inner tank material         Enamel           Inner tank outside diameter         mm         Φ420           Wall-thickness (Inner tank pressure         kPa         800.0           Insulation         Polyurethane           Outer tank material         Galvanized steel <td></td> <td></td> <td>•</td>			•	
Model         WHP01750PSV-H3BUA           Type ×Quantity         Rotary × 1           Brand         Highly           Capacitor         15µF - 450V           Cooling capacity         W         1740           Rated input power         W         405           Current         A         1.85           Oil type / charged         PAG / 150mL           Evaporator           Rows         3           Fin material         Hydrophilic aluminum           Tube         Material         Inner groove copper tube           Motor model         TKFP-34-8-15           Brand         Welling           Motor type         BLDC           Speed         RPM         900           Fan type ×Quantity         Axial ×1           Fan diameter×Height         mm         Φ300×79.5           Inner Tank         Enamel           Inner tank material         Enamel           Inner tank outside diameter         mm         Φ420           Wall-thickness (Inner tank wall / dome)         mm         2,0/3.0           Rated inner tank pressure         kPa         800.0           Insulation         Polyurethane <t< td=""><td></td><td></td><td></td></t<>				
Type ×Quantity	<u> </u>		WHP01750PSV-H3RHA	
Highly           Capacitor         15μF - 450V           Cooling capacity         W         1740           Rated input power         W         405           Current         A         1.85           Oil type / charged         PAG / 150mL           Evaporator           Rows         3           Fin material         Hydrophilic aluminum           Tube         Material         Inner groove copper tube           Motor model         ZKFP-34-8-15           Brand         Welling           Motor type         BLDC           Speed         RPM         900           Fan type ×Quantity         Axial ×1           Fan diameter×Height         mm         Φ300×79.5           Inner Tank         Inner tank material         Enamel           Inner tank wall / dome)         mm         4420           Wall-thickness (Inner tank wall / dome)         mm         2.0/3.0           Rated inner tank pressure         kPa         800.0           Insulation         Polyurethane           Outer tank material         Galvanized steel           Condenser coil         Microchannel wrap-around to tank           Corrosion proof <td< td=""><td></td><td></td><td></td></td<>				
Capacitor         15μF - 450V           Cooling capacity         W         1740           Rated input power         W         405           Current         A         1.85           Oil type / charged         PAG / 150mL           Evaporator           Rows         3           Fin material         Hydrophilic aluminum           Tube         Material         Inner groove copper tube           Outside diameter         mm         Φ7           Fan motor           Motor model         ZKFP-34-8-15           Brand         Welling           Motor type         BLDC           Speed         RPM         900           Fan type ×Quantity         Axial ×1           Fan diameter×Height         mm         Φ300×79.5           Inner tank         Enamel           Inner tank material         Enamel           Inner tank wall / dome)         mm         Q.0/3.0           Rated inner tank pressure         kPa         800.0           Insulation         Polyurethane           Outer tank material         Galvanized steel           Corrosion proof         Microchannel wrap-around to tank           Corrosion	,, ,			
Cooling capacity         W         1740           Rated input power         W         405           Current         A         1.85           Oil type / charged         PAG / 150mL           Evaporator           Rows         3           Fin material         Hydrophilic aluminum           Tube         Material         Inner groove copper tube           Outside diameter         mm         Φ7           Fan motor           Motor model         ZKFP-34-8-15           Brand         Welling           Motor type         BLDC           Speed         RPM         900           Fan type ×Quantity         Axial ×1           Fan diameter×Height         mm         Φ300×79.5           Inner Tank         Enamel           Inner tank material         Enamel           Inner tank outside diameter         mm         Ф420           Wall-thickness (Inner tank wall / dome)         mm         2.0/3.0           Rated inner tank pressure         kPa         800.0           Insulation         Polyurethane           Outer tank material         Galvanized steel           Corrosion proof         Microchannel wrap-ar				
Rated input power         W         405           Current         A         1.85           Oil type / charged         PAG / 150mL           Evaporator           Rows         3           Fin material         Hydrophilic aluminum           Tube         Material         Inner groove copper tube           Outside diameter         mm         Φ7           Fan motor           Motor model         ZKFP-34-8-15           Brand         Welling           Motor type         BLDC           Speed         RPM         900           Fan type ×Quantity         Axial ×1           Fan diameter×Height         mm         Φ300×79.5           Inner Tank         Inner tank material         Enamel           Inner tank material         Enamel           Inner tank pressure         kPa         800.0           Rated inner tank pressure         kPa         800.0           Insulation         Polyurethane           Outer tank material         Galvanized steel           Corrosion proof         Microchannel wrap-around to tank           Corrosion proof         Magnesium anode           Dimensions and Weight         Microchanne		۱۸/	,	
Current         A         1.85           Oil type / charged         PAG / 150mL           Evaporator           Rows         3           Fin material         Hydrophilic aluminum           Thydrophilic aluminum           Mydrophilic aluminum           Thydrophilic aluminum <td></td> <td></td> <td></td>				
Oil type / charged         PAG / 150mL           Evaporator           Rows         3           Fin material         Hydrophilic aluminum           Tube         Material         Inner groove copper tube           Outside diameter         mm         Φ7           Fan motor         Motor model         ZKFP-34-8-15           Brand         Welling           Motor type         BLDC           Speed         RPM         900           Fan type ×Quantity         Axial ×1           Fan diameter×Height         mm         Φ300×79.5           Inner Tank         Inner Tank           Inner tank material         Enamel           Inner tank outside diameter         mm         Φ420           Wall-thickness (Inner tank wall / dome)         mm         2.0/3.0           Rated inner tank pressure         kPa         800.0           Insulation         Polyurethane           Outer tank material         Galvanized steel           Condenser coil         Microchannel wrap-around to tank           Corrosion proof         Magnesium anode           Dimensions and Weight         Microchannel wrap-around trank				
Rows 3 Fin material Hydrophilic aluminum  Tube Material Inner groove copper tube Outside diameter mm   Motor model ZKFP-34-8-15  Brand Welling Motor type BLDC  Speed RPM 900 Fan type ×Quantity Axial ×1 Fan diameter×Height mm   Fan diameter×Height mm   Fan tank material Enamel  Inner tank material Enamel  Inner tank outside diameter mm   Wall-thickness (Inner tank wall / dome) mm   Rated inner tank material Sald inner tank material Galvanized steel  Condenser coil  Condenser coil  Dimensions and Weight  Inlet water pipe connection mm   G3/4"  Condensing water connection mm  Myd20, internal thread  Unit dimension (ΦD×H) mm  A930×2175  Microchannel wrap-around to tank  Magnesium anode		A		
Rows         3           Fin material         Hydrophilic aluminum           Tube         Material         Inner groove copper tube           Tous of the proposition of th	Oil type / charged		PAG / 150mL	
Fin material Hydrophilic aluminum  Tube	Evaporator			
Tube         Material Outside diameter         Inner groove copper tube           Fan motor           Motor model         ZKFP-34-8-15           Brand         Welling           Motor type         BLDC           Speed         RPM         900           Fan type ×Quantity         Axial ×1           Fan diameter×Height         mm         Φ300×79.5           Inner Tank         Enamel           Inner tank material         Enamel           Inner tank outside diameter         mm         Φ420           Wall-thickness (Inner tank wall / dome)         mm         2.0/3.0           Rated inner tank pressure         kPa         800.0           Insulation         Polyurethane           Outer tank material         Galvanized steel           Corrosion proof         Microchannel wrap-around to tank           Corrosion proof         Magnesium anode           Dimensions and Weight         mm         G3/4"           Unit dwater pipe connection         mm         G3/4"           Condensing water connection         mm         1/2", internal thread           Unit dimension (ΦD×H)         mm         Φ510×2175	Rows		3	
Tube         Material Outside diameter         Inner groove copper tube           Fan motor           Motor model         ZKFP-34-8-15           Brand         Welling           Motor type         BLDC           Speed         RPM         900           Fan type ×Quantity         Axial ×1           Fan diameter×Height         mm         Φ300×79.5           Inner Tank         Enamel           Inner tank material         Enamel           Inner tank outside diameter         mm         Φ420           Wall-thickness (Inner tank wall / dome)         mm         2.0/3.0           Rated inner tank pressure         kPa         800.0           Insulation         Polyurethane           Outer tank material         Galvanized steel           Corrosion proof         Microchannel wrap-around to tank           Corrosion proof         Magnesium anode           Dimensions and Weight         mm         G3/4"           Unit dwater pipe connection         mm         G3/4"           Condensing water connection         mm         1/2", internal thread           Unit dimension (ΦD×H)         mm         Φ510×2175	Fin material		Hydrophilic aluminum	
Fan motor         Motor model         ZKFP-34-8-15           Brand         Welling           Motor type         BLDC           Speed         RPM         900           Fan type ×Quantity         Axial ×1           Fan diameter×Height         mm         Φ300×79.5           Inner Tank         Enamel           Inner tank material         Enamel           Inner tank outside diameter         mm         Φ420           Wall-thickness (Inner tank wall / dome)         mm         2.0/3.0           Rated inner tank pressure         kPa         800.0           Insulation         Polyurethane           Outer tank material         Galvanized steel           Condenser coil         Microchannel wrap-around to tank           Corrosion proof         Magnesium anode           Dimensions and Weight         Inlet water pipe connection         mm         G3/4"           Outlet water pipe connection         mm         G3/4"           Condensing water connection         mm         1/2", internal thread           Unit dimension (ΦD×H)         mm         Φ510×2175	Material		· ·	
Fan motor  Motor model  ZKFP-34-8-15  Brand  Welling  Motor type  BLDC  Speed  RPM  900  Fan type ×Quantity  Fan diameter×Height  mm  \$\Phi300 \times 79.5  Inner Tank  Inner tank material  Inner tank outside diameter  Wall-thickness (Inner tank wall / dome)  Rated inner tank pressure  Insulation  Quter tank material  Condenser coil  Condenser coil  Dimensions and Weight  Inlet water pipe connection  Motor type  ZKFP-34-8-15  Welling  BLDC  RPM  900  Axial ×1  Fanmel  Fnamel  Fnamel  Inner tank  Av20  Wall-thickness (Inner tank wall / dome)  mm  Quiter tank pressure  KPa  Bou.0  Bolyurethane  Galvanized steel  Condenser coil  Microchannel wrap-around to tank  Corrosion proof  Magnesium anode  Dimensions and Weight  Inlet water pipe connection  mm  G3/4"  Condensing water connection  mm  4510×2175	Tube	mm		
Motor modelZKFP-34-8-15BrandWellingMotor typeBLDCSpeedRPM900Fan type ×QuantityAxial ×1Fan diameter×HeightmmΦ300×79.5Inner TankEnamelInner tank materialEnamelInner tank outside diametermmΦ420Wall-thickness (Inner tank wall / dome)mm2.0/3.0Rated inner tank pressurekPa800.0InsulationPolyurethaneOuter tank materialGalvanized steelCondenser coilMicrochannel wrap-around to tankCorrosion proofMagnesium anodeDimensions and WeightMicrochannel wrap-around to tankInlet water pipe connectionmmG3/4"Outlet water pipe connectionmmG3/4"Condensing water connectionmm1/2", internal threadUnit dimension (ΦD×H)mmΦ510×2175		111111	¥1	
Brand       Welling         Motor type       BLDC         Speed       RPM       900         Fan type ×Quantity       Axial ×1         Fan diameter×Height       mm       Φ300×79.5         Inner Tank       Inner tank material       Enamel         Inner tank outside diameter       mm       Φ420         Wall-thickness (Inner tank wall / dome)       mm       2.0/3.0         Rated inner tank pressure       kPa       800.0         Insulation       Polyurethane         Outer tank material       Galvanized steel         Condenser coil       Microchannel wrap-around to tank         Corrosion proof       Magnesium anode         Dimensions and Weight       Magnesium anode         Inlet water pipe connection       mm       G3/4"         Outlet water pipe connection       mm       G3/4"         Condensing water connection       mm       1/2", internal thread         Unit dimension (ΦD×H)       mm       Φ510×2175			7KFP-34-8-15	
Motor typeBLDCSpeedRPM900Fan type ×QuantityAxial ×1Fan diameter×HeightmmΦ300×79.5Inner TankInner tank materialEnamelInner tank outside diametermmΦ420Wall-thickness (Inner tank wall / dome)mm2.0/3.0Rated inner tank pressurekPa800.0InsulationPolyurethaneOuter tank materialGalvanized steelCondenser coilMicrochannel wrap-around to tankCorrosion proofMagnesium anodeDimensions and WeightMicrochannel wrap-around to tankInlet water pipe connectionmmG3/4"Outlet water pipe connectionmmG3/4"Condensing water connectionmmH/2", internal threadUnit dimension (ΦD×H)mmΦ510×2175				
Speed RPM 900 Fan type ×Quantity Axial ×1 Fan diameter×Height mm Φ300×79.5  Inner Tank Inner tank material Enamel Inner tank outside diameter mm Φ420 Wall-thickness (Inner tank wall / dome) mm 2.0/3.0 Rated inner tank pressure kPa 800.0 Insulation Polyurethane Outer tank material Galvanized steel Condenser coil Microchannel wrap-around to tank Corrosion proof Magnesium anode  Dimensions and Weight Inlet water pipe connection mm G3/4" Outlet water pipe connection mm G3/4" Condensing water connection mm 1/2", internal thread Unit dimension (ΦD×H) mm Ф510×2175			0	
Fan type ×Quantity Fan diameter×Height mm  Φ300×79.5  Inner Tank Inner tank material Inner tank outside diameter mm  Φ420 Wall-thickness (Inner tank wall / dome) Rated inner tank pressure kPa  Bou.0 Insulation Outer tank material Galvanized steel Condenser coil Microchannel wrap-around to tank Corrosion proof Magnesium anode  Dimensions and Weight Inlet water pipe connection mm  G3/4" Condensing water connection mm  T/2", internal thread Unit dimension (ΦD×H) mm  Φ510×2175	**	DDM		
Fan diameter×Height mm Φ300×79.5  Inner Tank  Inner tank material Enamel  Inner tank outside diameter mm Φ420  Wall-thickness (Inner tank wall / dome) mm 2.0/3.0  Rated inner tank pressure kPa 800.0  Insulation Polyurethane  Outer tank material Galvanized steel  Condenser coil Microchannel wrap-around to tank  Corrosion proof Magnesium anode  Dimensions and Weight  Inlet water pipe connection mm G3/4"  Outlet water pipe connection mm G3/4"  Condensing water connection mm 1/2", internal thread  Unit dimension (ΦD×H) mm Φ510×2175	•	KFIVI		
Inner Tank       Enamel         Inner tank material       Enamel         Inner tank outside diameter       mm       Φ420         Wall-thickness (Inner tank wall / dome)       mm       2.0/3.0         Rated inner tank pressure       kPa       800.0         Insulation       Polyurethane         Outer tank material       Galvanized steel         Condenser coil       Microchannel wrap-around to tank         Corrosion proof       Magnesium anode         Dimensions and Weight       Inlet water pipe connection       mm       G3/4"         Outlet water pipe connection       mm       G3/4"         Condensing water connection       mm       1/2", internal thread         Unit dimension (ΦD×H)       mm       Φ510×2175				
Inner tank material Enamel Inner tank outside diameter mm Φ420  Wall-thickness (Inner tank wall / dome) mm 2.0/3.0  Rated inner tank pressure kPa 800.0  Insulation Polyurethane Outer tank material Galvanized steel  Condenser coil Microchannel wrap-around to tank Corrosion proof Magnesium anode  Dimensions and Weight  Inlet water pipe connection mm G3/4"  Outlet water pipe connection mm G3/4"  Condensing water connection mm 1/2", internal thread Unit dimension (ΦD×H) mm Φ510×2175	<del>-</del>	mm	Ψ3UU×79.5	
Inner tank outside diameter mm			Franci	
Wall-thickness (Inner tank wall / dome)       mm       2.0/3.0         Rated inner tank pressure       kPa       800.0         Insulation       Polyurethane         Outer tank material       Galvanized steel         Condenser coil       Microchannel wrap-around to tank         Corrosion proof       Magnesium anode         Dimensions and Weight       mm       G3/4"         Outlet water pipe connection       mm       G3/4"         Condensing water connection       mm       1/2", internal thread         Unit dimension (ΦD×H)       mm       Φ510×2175				
Rated inner tank pressure       kPa       800.0         Insulation       Polyurethane         Outer tank material       Galvanized steel         Condenser coil       Microchannel wrap-around to tank         Corrosion proof       Magnesium anode         Dimensions and Weight       But the water pipe connection       mm       G3/4"         Outlet water pipe connection       mm       G3/4"         Condensing water connection       mm       1/2", internal thread         Unit dimension (ΦD×H)       mm       Φ510×2175				
Insulation     Polyurethane       Outer tank material     Galvanized steel       Condenser coil     Microchannel wrap-around to tank       Corrosion proof     Magnesium anode       Dimensions and Weight     Sal/4"       Inlet water pipe connection     mm     G3/4"       Outlet water pipe connection     mm     1/2", internal thread       Unit dimension (ΦD×H)     mm     Φ510×2175				
Outer tank material Galvanized steel  Condenser coil Microchannel wrap-around to tank  Corrosion proof Magnesium anode  Dimensions and Weight  Inlet water pipe connection mm G3/4"  Outlet water pipe connection mm G3/4"  Condensing water connection mm 1/2", internal thread  Unit dimension (ФD×H) mm Ф510×2175		kPa		
Condenser coil       Microchannel wrap-around to tank         Corrosion proof       Magnesium anode         Dimensions and Weight       State of the proof of the proo				
Corrosion proof     Magnesium anode       Dimensions and Weight     G3/4"       Inlet water pipe connection     mm     G3/4"       Outlet water pipe connection     mm     G3/4"       Condensing water connection     mm     1/2", internal thread       Unit dimension (ΦD×H)     mm     Φ510×2175				
Dimensions and Weight       Inlet water pipe connection     mm     G3/4"       Outlet water pipe connection     mm     G3/4"       Condensing water connection     mm     1/2", internal thread       Unit dimension (ΦD×H)     mm     Φ510×2175	-		'	
Inlet water pipe connection     mm     G3/4"       Outlet water pipe connection     mm     G3/4"       Condensing water connection     mm     1/2", internal thread       Unit dimension (ΦD×H)     mm     Φ510×2175			Magnesium anode	
Outlet water pipe connection     mm     G3/4"       Condensing water connection     mm     1/2", internal thread       Unit dimension (ΦD×H)     mm     Φ510×2175	Dimensions and Weight			
Condensing water connectionmm1/2", internal threadUnit dimension (ΦD×H)mmΦ510×2175	Inlet water pipe connection	mm	G3/4"	
Unit dimension (ΦD×H) mm Φ510×2175	Outlet water pipe connection	mm	G3/4"	
Unit dimension (ΦD×H) mm Φ510×2175	Condensing water connection	mm	1/2", internal thread	
		mm	Ф510×2175	
	Net weight	kg	95	

#### Notes:

- 1. Specification may be changed for product improvement.
- 2. Please refer to the product nameplate
- $3.\ Test\ condition\ -\ Ambience:\ 19^\circ C\ DB/15^\circ C\ WB,\ initial\ water\ temperature\ 14^\circ C,\ final\ water\ temperature\ 55^\circ C$

According to the standard AS/NZS 4234:2021 optimization and modeling of this product, the system will automatically switch to the default settings after 24 hours of running on any other settings.

## **Certificate Table**

Certificate Table for Residential Models								
SLA-R18-190D-N4D4								
Scheme	Activity	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5		
\/FFO Mature	1D Elec	-	-	-	14	13		
VEEC Metro	3C Gas	-	-	-	9	8		
VEEC Degional	1D Elec	-	-	-	14	14		
VEEC Regional	3C Gas	-	-	-	9	8		
ESC Metro	D17 Elec	-	-	29	-	29		
EGG Mictio	D19 Gas	-	-	15	1	15		
ESC Regional	D17 Elec	-	-	30	-	30		
ESC Negional	D19 Gas	-	-	15	-	15		
STC	7-years	19	18	23	25	24		

<sup>\*\*</sup> The specification may be changed for product improvement, please refer to the nameplate of product.

Condition - Ambient: 19°C DB/15°C WB, initial water temperature is 14°C, ending water temperature is 55°C.



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