

Outdoor Unit			S504V3	S506V3	S508V3	S510SV3
Heating (LWT 35°C / OAT 7°C)	Capacity	kW	4	6	8	10
	Power input	kW	0.80	1.20	1.60	2.17
	COP	W/W	5.02	4.98	5.00	4.60
Heating (LWT 55°C / OAT 7°C)	Capacity	kW	4	6	8	10
	Power input	kW	1.49	2.18	2.82	3.66
	COP	W/W	2.69	2.75	2.84	2.73
Space heating Average climate water outlet 35°C	SCOP (A+++ to D)	-	5.00	4.80	4.90	4.85
	ηs	%	197	189	193	191
	Energy Class	-	A+++	A+++	A+++	A+++
Space heating Average climate water outlet 55°C	SCOP (A+++ to D)	-	3.45	3.38	3.32	3.30
	ηs	%	135	132	130	129
	Energy Class	-	A++	A++	A++	A++
Cooling (LWT 18°C / OAT 35°C)	Capacity	kW	4	6	8	10
	Power input	kW	0.85	1.26	1.90	2.50
	EER	W/W	4.70	4.75	4.20	4.00
Cooling (LWT 7°C / OAT 35°C)	Capacity	kW	4	6	8	9
	Power input	kW	1.29	1.97	2.63	3.00
	EER	W/W	3.10	3.05	3.04	3.00
Outdoor operating temperature range	Heating	°C	10~48	10~48	10~48	10~48
	Cooling	°C	-25~35	-25~35	-25~35	-25~35
Compressor	Quantity	-	1			
	Type	-	DC inverter twin rotary			
Refrigerant	Type	-	R32	R32	R32	R32
	Charge/CO2 Eq.	kg/T	1.2 / 0.81	1.2 / 0.81	1.6 / 1.08	1.6 / 1.08
Pipe diameter	Liquid	mm(inch)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)
	Gas	mm(inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
Max refrigerant pipe length	m	30	30	50	50	
Max height difference between ODU&IDU	m	20	20	30	30	
Pipe length without additional charge	m	10	10	10	10	
Additional charging volume	g/m	20	20	38	38	
Sound pressure level	dB(A)	44	45	49	53	
Sound power level	dB(A)	58	61	65	68	
Net dimension	H×W×D	mm	765×920×372	765×920×372	965×950×370	965×950×370
Packing dimension	H×W×D	mm	980×1050×500	980×1050×500	1090×1030×480	1090×1030×480
Net / Gross weight	kg		55 / 67	55 / 67	76 / 86	76 / 86
Power supply	~V/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Max running current	A		12.5	13	19	22
Recommended circuit breaker	A		16	16	25	32
External wired controller			HW-WA101DBT (Optional)			
Indoor Unit			S5IU06SV3	S5IU10SV3		
Leaving water temperature range	Heating	°C	15~60		15~60	
	Cooling	°C	5~25		5~25	
Sound power level		dB(A)	42		42	
Backup electric heater	Capacity	kW	1+3		1+3	
	Steps	-	3		3	
Expansion vessel capacity	L		5		5	
Pump	Type	-	Variable speed		Variable speed	
	Power input	W	75		75	
Water flow rate	L/min		17		28.7	
Water pipe connection	Inlet/Outlet	inch	R1		R1	
Pipe diameter	Liquid	mm	6.35 (1/4)		9.52 (3/8)	
	Gas	mm	15.88 (5/8)		15.88 (5/8)	
Net dimension	H×W×D	mm	850×480×310		850×480×310	
Packing dimension	H×W×D	mm	1020×580×460		1020×580×460	
Net/Gross weight	kg		41 / 53		43 / 55	
Power supply	~V/Hz		1/220-240/50		1/220-240/50	
Max running current	A		20		20	
Built-in circuit breaker	A		63		63	

## Key features



A+++/A++



Max 60°C hot water



Climate curve



2 zone control



Auto mode



Smart grid



Modbus



DHW tank solar thermal control



Pool heating



Anti-freeze



Eco-friendly Refrigerant R32

### Note:

- According to EN14511, EN14825 (EU) and No 811/2013(EU).
- LWT: Leaving water temperature; OAT: Outdoor air temperature.
- Sound level values are measured at a semi-anechoic room, and the sound power level values are based on measurement of EN2102-1 under conditions of EN14825.
- The above data may be changed without notice for future improvement on quality and performance.