

Efficiency Data			6kw	8kw	10kw
Heating (LWT 35°C / OAT 7°C)	Capacity	kW	6	8	10
	Power input	kW	1.20	1.60	2.17
	COP	W/W	4.98	5.00	4.60
Heating (LWT 55°C / OAT 7°C)	Capacity	kW	6	8	10
	Power input	kW	2.05	2.65	3.45
	COP	W/W	2.92	3.02	2.90
Space heating Average climate water outlet 35°C	SCOP (A+++ to D)	-	4.80	4.90	4.85
	η_s	%	189	193	191
	Energy Class	-	A+++	A+++	A+++
Space heating Average climate water outlet 55°C	SCOP (A+++ to D)	-	3.38	3.32	3.30
	η_s	%	132	130	129
	Energy Class	-	A++	A++	A++
Cooling (LWT 18°C / OAT 35°C)	Capacity	kW	6	8	10
	Power input	kW	1.26	1.90	2.50
	EER	W/W	4.75	4.20	4.00
Cooling (LWT 7°C / OAT 35°C)	Capacity	kW	6	8	9
	Power input	kW	1.97	2.63	3.00
	EER	W/W	3.05	3.04	3.00
Indoor Unit			S51U06SV3	S51U10SV3	S51U10SV3
Leaving water temperature range	Heating	°C	15~60	15~60	15~60
	Cooling	°C	5~25	5~25	5~25
Sound power level		dB(A)	42	42	42
Backup electric heater	Capacity	kW	1+3	1+3	1+3
	Steps	-	3	3	3
Expansion vessel capacity		L	5	5	5
Pump	Type	-	Variable speed	Variable speed	Variable speed
	Power input	W	75	75	75
Water flow rate		L/min	17	23	28.7
Water pipe connection		Inlet/Outlet	inch	R 1	R 1
Pipe diameter	Liquid	mm(inch)	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)
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	43 / 55
Power supply		~V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Max running current		A	20	20	20
Built-in circuit breaker		A	63	63	63
Outdoor Unit			S506V3	S508V3	S510V3
Outdoor operating temperature range	Cooling	°C	10~48	10~48	10~48
	Heating	°C	-25~35	-25~35	-25~35
Compressor	Quantity	-	1	1	1
	Type	-	DC inverter twin rotary	DC inverter twin rotary	DC inverter twin rotary
Refrigerant	Type	-	R32	R32	R32
	Charge/CO2 Eq.	kg/T	1.2 / 0.81	1.6 / 1.08	1.6 / 1.08
Pipe diameter	Liquid	mm(inch)	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)
Max refrigerant pipe length		m	30	50	50
Max height difference between ODU&IDU		m	20	30	30
Pipe length without additional charge		m	10	10	10
Additional charging volume		g/m	20	38	38
Sound pressure level		dB(A)	45	49	53
Sound power level		dB(A)	61	65	68
Net dimension		H×W×D	mm	765×920×372	965×950×370
Packing dimension		H×W×D	mm	980×1050×500	1090×1030×480
Net / Gross weight		kg	55 / 67	76 / 86	76 / 86
Power supply		~V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Max running current		A	13	19	22
Recommended circuit breaker		A	16	25	32
External wired controller			WC5-101DBT (Optional)		

Note:

1. According to EN14511, EN14825 (EU) and No 811/2013(EU).
2. LWT: Leaving water temperature; OAT: Outdoor air temperature.
3. 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.
4. The above data may be changed without notice for future improvement on quality and performance.