

Specifications

Model			M305V3	M308V3	M311SV3	M316SV3
Heating (LWT 35°C / OAT 7°C)	Capacity	kW	5.00	7.80	11.00	16.00
	Power input	kW	0.99	1.77	2.61	3.86
	COP	W/W	5.05	4.40	4.22	4.15
Heating (LWT 55°C / OAT 7°C)	Capacity	kW	5.00	7.01	9.99	14.01
	Power input	kW	1.64	2.76	4.40	5.63
	COP	W/W	3.05	2.54	2.27	2.49
Space heating Average climate water outlet 35°C	SCOP	-	4.59	3.87	4.35	4.00
	ηs	%	180	152	171	157
	Energy class	-	A+++	A++	A++	A++
Space heating Average climate water outlet 55°C	SCOP	-	3.32	2.90	3.20	3.09
	ηs	%	130	113	125	121
	Energy class	-	A++	A+	A++	A+
Cooling (LWT 18°C / OAT 35°C)	Capacity	kW	5.00	7.00	13.5	16.00
	Power input	kW	1.00	1.89	2.94	3.64
	EER	-	5.00	3.70	4.60	4.40
Cooling (LWT 7°C / OAT 35°C)	Capacity	kW	5.00	5.50	11.5	14.5
	Power input	kW	1.56	2.34	3.83	4.92
	EER	-	3.20	2.35	3.00	2.95
Outdoor operating temperature range	Heating	°C	-25~35	-20~35	-20~35	-20~35
	Cooling	°C	10~46	10~46	10~46	10~46
Leaving water temperature range	Heating	°C	25~60	25~55	25~55	25~55
	Cooling	°C	5~20	5~20	5~20	5~20
Water flow rate		L/min	14.3	23.0	31.5	45.8
Water piping connection	Inlet/Outlet	inch	RC 3/4"	RC 1"	RC 1"	RC 1"
Compressor	Quantity	-	1			
	Type	-	DC inverter twin rotary			
Refrigerant	Type	-	R32			
	Charge/CO2 Eq.	kg/T	1.00 / 0.675	1.15 / 0.777	2.40 / 1.620	2.60 / 1.755
Net dimension	H×W×D	mm	765×920×372	965×950×370	1500×950×370	1500×950×370
Packing dimension	H×W×D	mm	875×1045×488	1108×1010×480	1638×1010×480	1638×1010×480
Net/Gross weight		kg	69/80	87/97	145/157	145/157
Sound power level		dB(A)	61	64	67	68
Power supply		~V/Hz	1, 220-240, 50/60	1, 220-240, 50/60	1, 220-240, 50/60	1, 220-240, 50/60
Max. running current		A	13.5	21.3	24.3	31.7
Recommended circuit breaker		A	30	32	32	40
Accessory	Wired controller	/	YR-E27 (Standard)		YR-E27A (Standard)	
	DHW PCB	/	ATW-A01 (Optional)			
	Filter	/	Standard			

Note:

- According to EN14511, EN 14825 (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.

Key features



Turbo mode



Auxiliary heating
source



Modbus



Anti-freeze



Eco-friendly
Refrigerant R32