

Power supply		220 ~ 240 V / 1N~ / 50 Hz					380 ~ 415 V / 3N~ / 50 Hz				
Heating (A: 7 / 6°C W: 30 / 35°C)	Capacity	8.5 kW	10 kW	12.5 kW	14 kW	15.5 kW	8.5 kW	10 kW	12.5 kW	14kW	15.5 kW
	Rated input power	1.65 kW	2.02 kW	2.55 kW	2.95 kW	3.41 kW	1.65 kW	2.02 kW	2.55 kW	2.95 kW	3.41 kW
	COP	5.15	4.95	4.90	4.75	4.55	5.15	4.95	4.90	4.75	4.55
Heating (A: 7 / 6°C W: 47 / 55°C)	Capacity	8kW	10 kW	12 kW	14 kW	16 kW	8 kW	10 kW	12 kW	14 kW	16 kW
	Rated input power	2.32 kW	3.08 kW	3.69 kW	4.44 kW	5.16 kW	2.32 kW	3.08 kW	3.69 kW	4.44 kW	5.16 kW
	COP	3.45	3.25	3.25	3.15	3.1	3.45	3.25	3.25	3.15	3.1
Cooling (A: 35°C W: 23 / 18°C)	Capacity	8.5 kW	10 kW	12 kW	14 kW	15.5 kW	8.5 kW	10 kW	12 kW	14 kW	15.5 kW
	Rated input power	1.63	2.13 kW	2.55 kW	3.11 kW	3.56 kW	1.63 kW	2.13 kW	2.55 kW	3.11 kW	3.56 kW
	EER	5.20	4.70	4.70	4.50	4.35	5.20	4.70	4.70	4.50	4.35
Cooling (A: 35°C W: 12 / 7°C)	Capacity	8 kW	9kW	12 kW	13 kW	14 kW	8 kW	9 kW	12 kW	13 kW	14 kW
	Rated input power	2.35 kW	2.81 kW	3.87 kW	4.26 kW	5.09 kW	2.35 kW	2.81 kW	3.87 kW	4.26 kW	5.09 kW
	EER	3.40	3.20	3.10	3.05	2.75	3.40	3.20	3.10	3.05	2.75
Seasonal space heating energy efficiency class ^①	LWT at 35°C	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++
	LWT at 55°C	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++
SCOP ^②	LWT at 35°C	5.44	5.30	5.07	4.94	4.90	5.44	5.30	5.07	4.94	4.90
	LWT at 55°C	4.12	4.07	3.89	3.84	3.83	4.12	4.07	3.89	3.84	3.83
Compressor	Type	Rotary DC inverter									
Outdoor fan	Motor type	Brushless DC motor									
	Number of fans	1									
Throttle type		Electronic expansion valve									
Air side heat exchanger	Type	Finned tube									
Water side heat exchanger	Type	Plate type									
Refrigerant	Type/GWP	R290/3									
	Charged volume	1.2 kg	1.2 kg	1.5 kg	1.5 kg	1.5 kg	1.2 kg	1.2 kg	1.5 kg	1.5 kg	1.5 kg
CO2 Equivalent		0.0036 t	0.0036 t	0.0045 t	0.0045 t	0.0045 t	0.0036 t	0.0036 t	0.0045 t	0.0045 t	0.0045 t
Sound power level ^③		49 dB(A)	49 dB(A)	51 dB(A)	52 dB(A)	52 dB(A)	49 dB(A)	49 dB(A)	51 dB(A)	52 dB(A)	52 dB(A)
Sound pressure level at 1m ^④		35 dB(A)	35 dB(A)	37 dB(A)	38 dB(A)	38 dB(A)	35 dB(A)	35 dB(A)	37 dB(A)	38 dB(A)	38 dB(A)
Sound pressure level at 3m ^⑤		32 dB(A)	32 dB(A)	34 dB(A)	35 dB(A)	35 dB(A)	32 dB(A)	32 dB(A)	34 dB(A)	35 dB(A)	35 dB(A)
Dimensions(W x H x D)		1310 x 1050 x 465 mm									
Weight		140kg	140kg	154kg	154kg	154kg	151kg	151kg	165kg	165kg	165kg
Piping connection		G 1-1/4"									
Operation range	Heating	-25 ~ 35 °C									
	Cooling	5 ~ 48 °C									
	DHW	-25 ~ 46 °C									
Water outlet	Heating	25~80 °C									
	Cooling	5~25 °C									
	DHW	25~70 °C									

① Relevant EU standards and legislation: EN14511; EN14825; EN50564; EN12102; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207/02

② Seasonal space heating energy efficiency class tests in average climate conditions

③ Sound power level test condition: EN12102-1

④ Sound pressure level at 1m is the maximum value tested under the condition of A7W55

⑤ Sound pressure level at 3m is the maximum value tested under the condition of A7W55