



Inverter



Refrigerant Gas



Wi-Fi
Included



Wired Controller
Included



OUTDOOR UNIT			4 kW	6 kW	
Power supply		V/Ph/Hz	220-240/1/50	220-240/1/50	
Heating ²	Capacity	kW	4.25	6.20	
	Rated input	kW	0.82	1.24	
	COP		5.20	5.00	
Heating ³	Capacity	kW	4.35	6.00	
	Rated input	kW	1.14	2.00	
	COP		3.80	3.00	
Cooling ⁴	Capacity	kW	4.50	6.55	
	Rated input	kW	0.81	1.34	
	EER		5.55	4.90	
Cooling ⁵	Capacity	kW	4.70	7.00	
	Rated input	kW	1.36	2.33	
	EER		3.45	3.00	
Seasonal space heating energy class ⁵	LWT a 35 °C		A+++	A+++	
	LWT a 55 °C		A++	A++	
SCOP ⁶	LWT a 35 °C		4.85	4.95	
	LWT a 55 °C		3.31	3.52	
SEER	LWT a 7 °C		4.99	5.34	
	LWT a 18 °C		7.77	8.21	
Sound power level ⁷		dB(A)	34	36	
Dimensions (WxHxD)		mm	1007x712x426	1007x712x426	
Net/gross weight		kg	58/64	58/64	
FGAS piping connections	Liquid	Tipo/Dia.(OD)	mm	Flaring / ø 6.35	Flaring / ø 6.35
	Gas	Tipo/Dia.(OD)	mm	Flaring / ø 15.9	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 a 30	2 a 30
	Installation height		Outdoor Unit (upside-downside)	m	20/20
Refrigerant	Type / Charged volume		kg	R32/1.50	R32/1.50
Expansion valve				Electronic	Electronic
Operating temperature range	Cooling	°C	-5 a 43	-5 a 43	
	Heating	°C	-25 a 35	-25 a 35	
	DHW	°C	-25 a 43	-25 a 43	
INDOOR UNIT					
Power supply		V/Ph/Hz	220-240/1/50		
Sound power level ⁷		dB(A)	34		
Dimensioni (LxHxD)		mm	420x790x270		
Net/gross weight		kg	37/43		
Water circuit	Piping connections		inch	1"	
	Safety valve		MPa	0.3	
	Drainage pipe diameter		mm	ø 25	
	Expansion tank		L	8.0	
	Water side heat exchanger		Type	Plate	
	Water pump head		m	9.0	
LWT range	Cooling	°C	5 a 25		
	Heating	°C	25 a 65		
	DHW	°C	40 a 60		
Backup electric heater	Optional	kW	3.0		

1) Relevant Eu standards and legislation: EN14511:2018; EN14825:2018; EN50564:2011; EN12102:2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Inverter



Refrigerant Gas



Wi-Fi
Included



Wired Controller
Included



OUTDOOR UNIT			8 kW	10 kW	
Power supply		V/Ph/Hz	220-240/1/50	220-240/1/50	
Heating ²	Capacity	kW	8.30	10.0	
	Rated input	kW	1.60	2.00	
	COP		5.20	5.00	
Heating ³	Capacity	kW	7.50	9.50	
	Rated input	kW	2.36	3.06	
	COP		3.18	3.10	
Cooling ⁴	Capacity	kW	8.40	10.0	
	Rated input	kW	1.66	2.08	
	EER		5.05	4.80	
Cooling ⁵	Capacity	kW	7.40	8.20	
	Rated input	kW	2.19	2.48	
	EER		3.38	3.30	
Seasonal space heating energy class ⁶	LWT a 35 °C		A+++	A+++	
	LWT a 55 °C		A++	A++	
SCOP ⁶	LWT a 35 °C		5.21	5.19	
	LWT a 55 °C		3.36	3.49	
SEER	LWT a 7 °C		5.83	5.98	
	LWT a 18 °C		8.95	8.78	
Sound power level ⁷		dB(A)	38	40	
Dimensions (WxHxD)		mm	1118x864x523	1118x864x523	
Net/gross weight		kg	77/88	77/88	
FGAS piping connections	Liquid	Tipo/Dia.(OD)	mm	Flaring / ø 9.52	Flaring / ø 9.52
	Gas	Tipo/Dia.(OD)	mm	Flaring / ø 15.9	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 a 30	2 a 30
	Installation height		Outdoor Unit (upside-downside)	m	20/20
Refrigerant	Type / Charged volume		kg	R32/1.65	R32/1.65
Expansion valve				Electronic	Electronic
Operating temperature range	Cooling	°C	-5 a 43	-5 a 43	
	Heating	°C	-25 a 35	-25 a 35	
	DHW	°C	-25 a 43	-25 a 43	
INDOOR UNIT					
Power supply		V/Ph/Hz	220-240/1/50		
Sound power level ⁷		dB(A)	34		
Dimensioni (LxHxP)		mm	420x790x270		
Net/gross weight		kg	37/43		
Water circuit	Piping connections		inch	1"	
	Safety valve		MPa	0.3	
	Drainage pipe diameter		mm	ø 25	
	Expansion tank		L	8.0	
	Water side heat exchanger		Type	Plate	
	Water pump head		m	9.0	
LWT range	Cooling	°C	5 a 25		
	Heating	°C	25 a 65		
	DHW	°C	40 a 60		
Backup electric heater	Optional	kW	3.0		

1) Relevant Eu standards and legislation: EN14511:2018; EN14825:2018; EN50564:2011; EN12102:2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Inverter



Refrigerant Gas



Wi-Fi
Included



Wired Controller
Included



OUTDOOR UNIT				12 kW	14 kW	16 kW
Power supply		V/Ph/Hz		220-240/1/50	220-240/1/50	220-240/1/50
Heating ²	Capacity	kW		12.1	14.5	16.0
	Rated input	kW		2.44	3.09	3.56
	COP			4.95	4.70	4.50
Heating ³	Capacity	kW		12.0	13.8	16.0
	Rated input	kW		3.87	4.60	5.52
	COP			3.10	3.00	2.90
Cooling ⁴	Capacity	kW		12.0	13.50	14.20
	Rated input	kW		3.00	3.74	3.94
	EER			4.00	3.61	3.61
Cooling ⁵	Capacity	kW		11.6	12.7	14.0
	Rated input	kW		4.22	4.98	5.71
	EER			2.75	2.55	2.45
Seasonal space heating energy class ⁵	LWT a 35 °C			A+++	A+++	A+++
	LWT a 55 °C			A++	A++	A++
SCOP ⁶	LWT a 35 °C			4.81	4.72	4.62
	LWT a 55 °C			3.45	3.47	3.41
SEER ⁶	LWT a 7 °C			4.89	4.86	4.69
	LWT a 18 °C			7.1	6.9	6.75
Sound power level ⁷		dB(A)		42	44	34
Dimensions (WxHxD)		mm		1118x864x523	1118x864x523	1118x864x523
Net/gross weight		kg		96/110	96/110	96/110
FGAS piping connections	Liquid	Tipo/Dia.(OD)	mm	Flaring / ø 9.52	Flaring / ø 9.52	Flaring / ø 9.52
	Gas	Tipo/Dia.(OD)	mm	Flaring / ø 15.9	Flaring / ø 15.9	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 a 30	2 a 30	2 a 30
	Installation height		Outdoor Unit (upside-downside)	m	20/20	20/20
Refrigerant	Type / Charged volume		kg	R32/1.84	R32/1.84	R32/1.84
Expansion valve				Electronic	Electronic	Electronic
Operating temperature range	Cooling	°C		-5 a 43	-5 a 43	-5 a 43
	Heating	°C		-25 a 35	-25 a 35	-25 a 35
	DHW	°C		-25 a 43	-25 a 43	-25 a 43
INDOOR UNIT						
Power supply		V/Ph/Hz		220-240/1/50		
Sound power level ⁷		dB(A)		34		
Dimensioni (LxHxD)		mm		420x790x270		
Net/gross weight		kg		39/45		
Water circuit	Piping connections		inch	1"		
	Safety valve		MPa	0.3		
	Drainage pipe diameter		mm	ø 25		
	Expansion tank	Volume	L	8.0		
	Water side heat exchanger	Type		Plate		
	Water pump head		m	9.0		
LWT range	Cooling	°C		5 a 25		
	Heating	°C		25 a 65		
	DHW	°C		40 a 60		
Backup electric heater	Optional		kW	3.0		

1) Relevant Eu standards and legislation: EN14511; 2018; EN14825; 2018; EN50564; 2011; EN12102; 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Inverter



Refrigerant Gas



Wi-Fi
Included



Wired Controller
Included



OUTDOOR UNIT			12 kW	14 kW	16 kW	
Power supply		V/Ph/Hz	380-415/3/50	380-415/3/50	380-415/3/50	
Heating ²	Capacity	kW	12.1	14.5	16.0	
	Rated input	kW	2.44	3.09	3.56	
	COP		4.95	4.70	4.50	
Heating ³	Capacity	kW	12.0	13.8	16.0	
	Rated input	kW	3.87	4.60	5.52	
	COP		3.10	3.00	2.90	
Cooling ⁴	Capacity	kW	12.0	13.50	14.20	
	Rated input	kW	3.00	3.74	3.94	
	EER		4.00	3.61	3.61	
Cooling ⁵	Capacity	kW	11.6	12.7	14.0	
	Rated input	kW	4.22	4.98	5.71	
	EER		2.75	2.55	2.45	
Seasonal space heating energy class ⁶	LWT a 35 °C		A+++	A+++	A+++	
	LWT a 55 °C		A++	A++	A++	
SCOP ⁶	LWT a 35 °C		4.81	4.72	4.62	
	LWT a 55 °C		3.45	3.47	3.41	
SEER ⁶	LWT a 7 °C		4.86	4.83	4.67	
	LWT a 18 °C		7.04	6.85	6.71	
Sound power level ⁷		dB(A)	46	48	50	
Dimensions (WxHxD)		mm	1118x864x523	1118x864x523	1118x864x523	
Net/gross weight		kg	112/125	112/125	112/125	
FGAS piping connections	Liquid	Tipo/Dia.(OD)	mm	Flaring / ø 9.52	Flaring / ø 9.52	Flaring / ø 9.52
	Gas	Tipo/Dia.(OD)	mm	Flaring / ø 15.9	Flaring / ø 15.9	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 a 30	2 a 30	2 a 30
	Installation height		Outdoor Unit (upside-downside)	m	20/20	20/20
Refrigerant	Type / Charged volume	kg	R32/1.84	R32/1.84	R32/1.84	
Expansion valve			Electronic	Electronic	Electronic	
Operating temperature range	Cooling	°C	-5 a 43	-5 a 43	-5 a 43	
	Heating	°C	-25 a 35	-25 a 35	-25 a 35	
	DHW	°C	-25 a 43	-25 a 43	-25 a 43	
INDOOR UNIT						
Power supply		V/Ph/Hz	220-240/1/50			
Sound power level ⁷		dB(A)	43			
Dimensioni (LxHxD)		mm	420x790x270			
Net/gross weight		kg	39/45			
Water circuit	Piping connections		inch	1"		
	Safety valve		MPa	0.3		
	Drainage pipe diameter		mm	ø 25		
	Expansion tank	Volume	L	8.0		
	Water side heat exchanger	Type		Plate		
	Water pump head		m	9.0		
LWT range	Cooling	°C	5 a 25			
	Heating	°C	25 a 65			
	DHW	°C	40 a 60			
Backup electric heater	Optional	kW	3.0			

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;