

Technical specification - climaVAIR plus

System reference		climaVAIR plus high wall mono split system			
		V 10-025 NW	V 10-035 NW	V 10-050 NW	V 10-065 NW
Heating capacity	kW	3.17	3.91	5.96	6.06
Power input	kW	0.82	1.04	1.84	1.86
Min - Max heating capacity ¹	kW	0.8 - 3.8	0.9 - 4.6	1.4 - 7	1.5 - 8.02
Min - Max heating power input ¹	kW	0.14 - 1.4	0.24 - 2.3	0.55 - 2.65	0.75 - 3.05
Nominal capacity (UK conditions)	kW	2.70	3.32	5.57	5.47
Power input (UK conditions)	kW	0.70	0.88	1.57	1.71
Operating current	A	4.50	5.50	8.02	9.08
	COP	3.85	3.77	3.23	3.25
Energy level class	A	A	C	C	
Cooling capacity	kW	2.57	3.81	4.93	5.84
Power input	kW	0.72	1.05	1.56	1.89
Min - Max cooling capacity ¹	kW	0.66 - 3.1	0.76 - 4.1	1.25 - 6.0	1.72 - 6.30
Min - Max cooling power input ¹	kW	0.12 - 1.1	0.19 - 1.6	0.53 - 2.69	0.63 - 3.02
Nominal capacity (UK conditions)	kW	2.37	3.50	4.53	4.98
Power input (UK conditions)	kW	0.66	0.96	1.43	1.74
Operating current	A	4.07	5.07	7.07	8.07
	EER	3.57	3.64	3.16	3.09
Energy level class	A	A	B	B	
Annual consumption	kWh	361	524	780	946
Max power input	kW	1.35	1.82	2.54	2.45
Max operating current	A	5.80	8.20	11.50	11.80
Recommended fuse size	A	10.00	10.00	16.00	16.00
Indoor unit		VA10-025 NHI	VA10-035 NHI	VA10-050 NHI	VA10-065 NHI
Air flow volume	m ³ /h	320/370/420	380/440/500	470/530/600	530/610/680
Remote control type		Infrared	Infrared	Infrared	Infrared
Catalogue sound pressure ²	dB(A)	26/32/38	28/35/40	34/41/45	34/41/45
Dimensions HxLxD	mm	285x760x185	285x760x185	304x865x228	304x865x228
Net weight	Kg	8.5	8.5	12	12
Outdoor unit		VA10-025 NHO	VA10-035 NHO	VA10-050 NHO	VA10-065 NHO
Air flow volume	m ³ /h	1,800	2,100	2,600	2,800
Sound pressure level ³	dB(A)	50	50	53	53
Refrigerant		R410A	R410A	R410A	R410A
Refrigerant charge heat pump	gr	650	940	1,380	1,700
Inverter DC / AC		DC	DC	DC	DC
Compressor type		Single rotary	Twin rotary	scroll compressor	scroll compressor
Dimensions HxLxD	mm	543x783x255	543x783x255	650x820x290	680x810x288
Installation					
Power supply	V.Ph.Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Pipe connection liq/gas	inches	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"
PM (Max pressure)	bar	35	36	37	41.5
pm (min pressure)	bar	7	6	5	4
Max. Piping length	m	15	15	15	15
Max. Height IU under OU	m	10	10	10	10
Max. Height OU under IU	m	10	10	10	10
Chargeless length	m	5	5	5	5
Additional charge per meter	gr	20	20	20	30

¹ Actual ratings dependent on system components.

² Sound pressure level indoor unit: directivity 3 dB(A) distance 2.2m.

³ Sound pressure level external unit: directivity 3 dB(A) distance 1.8m.

Nominal cooling capacities based on indoor temperatures of 27°CDB/19°CWB -- outdoor temperatures 35°CDB/24°CWB.