

Technical specification - climaVAIR exclusive

System reference		climaVAIR exclusive high wall mono split system		
		V7 - 025 NW	V7 - 035 NW	V7 - 050 NW
Heating capacity	kW	3.03	3.98	5.32
(Min-max)	kW	1.00-3.80	0.70-4.80	1.20-6.00
Cooling capacity	kW	2.53	3.43	4.60
(Min-max)	kW	0.95-3.10	0.60-3.92	1.05-5.20
Power input heating/cooling	kW	0.75/0.74	1.10/1.07	1.65/1.53
Operating current heating/cooling	A	4.50/4.50	4.70/4.80	7.70/7.06
EER/COP		3.40/4.03	3.21/3.63	3.00/3.22
Energy level class		A/A	A/A	B/C
Annual consumption ¹	kWh	372	534	766
Indoor unit		V7 - 025 NHI	V7 - 035 NHI	V7 - 050 NHI
Air flow volume high/med/low	m ³ /h	350/320/280	450/410/360	500/460/420
Remote control		Infra-red	Infra-red	Infra-red
Sound pressure level (min/max) ²	dB(A)	32/43	32/43	36/45
Dimensions HxLxD	mm	285x850x160	285x850x160	285x850x160
Weight	Kg	10	10	10
Outdoor unit		V7 - 025 NHO	V7 - 035 NHO	V7 - 050 NHO
Air flow volume	m ³ /h	1,800	2,100	1,800
Sound pressure level ³	dB(A)	50	50	46
Refrigerant		R410a	R410a	R410a
Refrigerant charge heat pump	gr	700	1,000	1,350
Compressor type		DC inverter twin rotary	DC inverter twin rotary	DC inverter scroll
Dimensions HxLxD	mm	545x780x245	545x780x245	643x783x255
Weight	Kg	30	30	40
Installation				
Power supply	V/Ph/Hz	220/1/50	220/1/50	220/1/50
Max. operating current	A	6.70	8.00	8.90
Recommended fuse size (Type D)	A	10	10	16
Interconnecting cores (indoor to outdoor)		3 core + earth	3 core + earth	3 core + earth
Supply to:		Indoor	Indoor	Indoor
Pipe connection liquid/gas	in	1/4-3/8	1/4-3/8	1/4-1/2
Max. piping length	m	15	15	15
Max. height differential indoor to outdoor	m	10	10	10
Chargeless length	m	5	5	5
Additional charge per metre	gr	20g	20g	20g

¹ Based on 500 hours operating at maximum load.

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

³ Sound pressure level OU: 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.