

SPLIT C1 wall-mounted air conditioners

C1 wall-mounted air conditioners are recognised appliances that operate on the R32 refrigerant. They are available with several capacities, while maintaining high energy efficiency. Moreover, the system operates based on the inverter technology that contributes to lower energy consumption. The slim and simple design of C1 air conditioners makes them a perfect choice for homes, offices and business.

TEMPERATURE SETPOINT from 16 to 30°C



High energy efficiency

Innovative solutions enabled a significant reduction of energy consumption in both cooling and heating mode. The appliances have A++/A+ energy rating.



Quick and easy installation

The design of the air conditioners and new technological solutions enable trouble-free and efficient installation. Easier access, increased installation space and right- and left-sided connection options reduce the installation time to as little as 40 min.



R32 refrigerant

The R32 refrigerant used in Split air conditioners makes them far more efficient than the appliances operating on the commonly used R410A refrigerant.



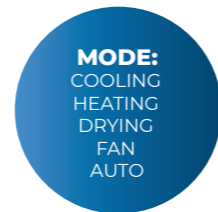
SMART airflow

An innovative solution for airflow control. The stream is directed upwards during the cooling and downwards during the heating, which enables an even distribution of air, thus preventing direct airflow on the user.



Quiet operation

The components comprising the air conditioner and the optimum airflow system ensure quiet operation for comfort during work and leisure.



Indoor unit			JS025-C1	JS035-C1	JS050-C1	JS070-C1
Outdoor unit			JZ025-C1	JZ035-C1	JZ050-C1	JZ070-C1
Capacity (cooling)	Rated (min - max)	Btu/h	8870 (2730 - 10238)	11944 (2730 - 12620)	17060 (4430 - 19790)	23880 (7500 - 29000)
	Rated (min - max)	kW	2.6 (0.8 - 3.0)	3.5 (0.8 - 3.7)	5.0 (1.3 - 5.8)	7.0 (2.2 - 8.5)
Energy efficiency	SEER/EER		6.1/3.23	6.1/2.81	6.1/3.41	7.1/3.23
Energy rating	Cooling		A++	A++	A++	A++
Power input (cooling)	Rated (min - max)	kW	0.80 (0.30 - 1.20)	1.24 (0.30 - 1.60)	1.46 (0.40 - 2.00)	2.16 (0.70 - 2.90)
Annual energy consumption (cooling)		kWh/y	149	201	287	350
Capacity (heating)	Rated (min - max)	Btu/h	9550 (2730 - 10920)	12280 (2730 - 14330)	17740 (4770 - 20470)	27640 (8190 - 34120)
	Heating -7°C	Btu/h	6347	8463	13890	16890
Energy efficiency	Rated (min - max)	kW	2.8 (0.8 - 3.2)	3.6 (0.8 - 4.2)	5.2 (1.4 - 6.0)	8.1 (2.4 - 10.0)
	Heating -7°C	kW	1.86	2.48	4.07	4.95
Energy rating (heating)	Moderate/warm/cold climate		A+/A++/-	A+/A++/-	A+/A++/-	A+/A++/-
	Rated (min - max)	kW	0.75 (0.30 - 1.40)	1.05 (0.30 - 1.60)	1.40 (0.52 - 2.5)	2.18 (0.70 - 2.90)
Annual energy consumption (heating)		kWh/y	717	980	1610	1963
Operating range (cooling)	Min - max (out)	°C	-10 - 43	-10 - 43	-10 - 43	-10 - 43
Operating range (heating)	Min - max (out)	°C	-15 - 24	-15 - 24	-15 - 24	-15 - 24
Power supply		Ph/V/Hz	1/230/50	1/230/50	1/230/50	1/230/50
Power supply (position)			indoor unit		outdoor unit	
Indoor unit			JS025-C1	JS035-C1	JS050-C1	JS070-C1
Package dimensions	W/D/H	mm	708/190/263	820/195/280	1008/225/318	1125/240/335
Dimensions with packaging	W/D/H	mm	786/270/348	909/279/355	1085/329/403	1206/342/418
Net/gross weight		kg	7.4/8.8	8.2/10.5	11.6/14.4	14/17.5
Airflow (cooling/heating)	Max	m³/h	500	550	900	1200
Sound power level		dB(A)	54	56	57	60
Sound pressure level		dB(A)	37/32/28/18	37/33/29/19	44/40/35/28	47/43/37/30
Moisture removal capacity		10³m³/h	1.2	1.6	2.0	2.8
Outdoor unit			JZ025-C1	JZ035-C1	JZ050-C1	JZ070-C1
Compressor			Hitachi	Hitachi	Hitachi	Hitachi
Net dimensions	W/D/H	mm	700/245/544	700/245/544	800/275/553	890/353/697
Packaging dimensions	W/D/H	mm	845/320/593	845/320/593	954/409/625	1046/460/780
Net/gross weight		kg	22.6/25.1	22.8/25.3	32.7/36.5	47.3/52.3
Airflow (cooling/heating)	Max	m³/h	2100	2100	2500	2900
Sound power level		dB(A)	62	62	65	65
Sound pressure level		dB(A)	49	50	53	52
Operating current	Max	A	6.2	7.1	11.3	13
Refrigerant filling	Refrigerant type		R32	R32	R32	R32
	Refrigerant filling	g	460	500	900	1200
Refrigerant piping	Liquid pipe diameter	mm	6.35	6.35	6.35	6.35
	Gas pipe diameter	mm	9.52	9.52	12.7	12.7
	Max pipeline length/Max level difference	m	15/10	15/10	25/15	25/15
	Max pipeline length without additional filling	m	5	5	7	7
	Extra refrigerant per metre of pipeline	g/m	20	20	20	20

