

CSV - Cassette Air Conditioner

Cassette units are ideal for applications in small commercial / tertiary sectors such as shops, offices, meeting rooms, hotels, restaurants, clubs, gyms and open space areas.

The units ensure **silent operation and optimum comfort** owing to a 360° air flow with motorised louvre swing range between 45 and 80°, which varies according to the hot/cold mode.

The high energy efficiency, at all power outputs, both for cooling and heating, allows optimal operation 365 days a year (seasonal efficiency).

The electrical box is made of fireproof material for enhanced protection from fire.



CSV Cassette



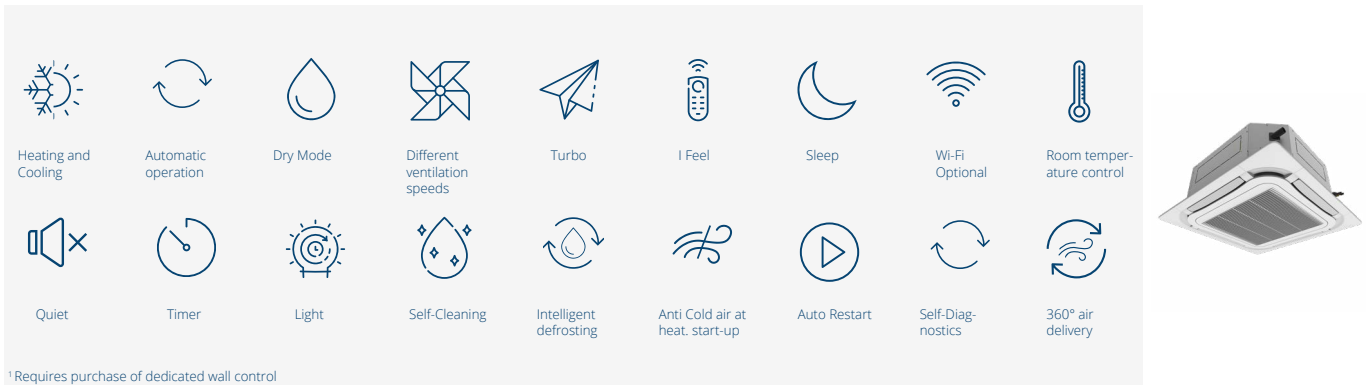
Standard remote control



Optional wired control



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¹ Requires purchase of dedicated wall control

MODEL		I.U.	CSV1822HE32	CSV2422HE32	CSV3622HE32	CSV4822HE32
		O.U.	MSV1822HE32	MSV2422HE32	MSV3622HE32	MSV4822HE32
Power supply		V/Ph/Hz	230/1/50		400/3/50	
Seasonal efficiency in Cooling mode	Pdesign	kW	5,00	7,10	10,50	5,00
	SEER		6,60	6,70	6,60	6,60
	Annual energy consump.	kWh/a	266	371	557	266
	Energy Label		A++	A++	A++	A++
Seasonal efficiency in Heating mode - average/warmer climate	Pdesign	kW	3,90	5,00	7,00	3,90
	SCOP		4,00	4,30	4,40	4,00
	Annual energy consump.	kWh/a	1365	1628	2227	1365
	Energy Label		A+	A+	A+	A+
Nominal cooling capacity (min-max)		kW	5,00 (1,60-5,20)	7,10 (2,40-7,60)	10,50 (3,20-11,00)	13,40 (6,00-14,20)
		BTU/h	17000 (5500-17742)	24200 (8200-26000)	35800 (11000-37600)	45700 (20500-48500)
Nominal cooling electric power (min-max)		kW	1,47 (0,30-1,80)	2,03 (0,50-2,60)	3,10 (0,90-4,00)	4,60 (1,35-5,60)
Nominal heating capacity (min-max)		kW	5,60 (1,60-6,10)	7,80 (2,20-8,60)	11,50 (3,90-12,50)	15,50 (3,90-16,00)
		BTU/h	19100 (5500-20800)	26600 (7500-29400)	39200 (10300-42300)	52900 (13300-54600)
Nominal heating electric power (min-max)		kW	1,60 (0,30-1,80)	2,00 (0,50-2,60)	2,95 (0,90-4,00)	4,70 (1,35-5,60)
EER / COP			3,40 / 3,50	3,50 / 3,90	3,40 / 3,90	2,91 / 3,30
Indoor unit air flow volume (SH/H/M/L)		m³/h	720/650/600/500	1100/1000/900/800	1500/1400/1200/1000	2000/1800/1600/1400
Outdoor unit air flow volume		m³/h	2200	3600	4800	5200
Indoor unit sound pressure (SH/H/M/L)		dB(A)	43/41/39/35	39/38/36/34	43/41/39/38	50/48/45/41
Indoor unit sound power (SH/H/M/L)		dB(A)	56	51	56	64
Outdoor unit sound pressure (H)		dB(A)	52	55	57	59
Outdoor unit sound power (H)		dB(A)	65	69	70	75
Indoor unit dimensions (HxWxD)		mm	260x570x570	240x840x840	240x840x840	290x840x840
Dimensions of IU ceiling grille (HxWxD)		mm	47,50x620x620	52x950x950	52x950x950	52x950x950
Indoor unit weight		kg	16,5 / 3	21 / 6	23 / 6	25 / 6
Outdoor unit dimensions (HxWxD)		mm	555x745x300	660x889x340	820x940x370	820x940x370
Outdoor unit weight		kg	30,5	41,5	75	81
Pipe length: min-max with standard charge / with additional charge		m	7 / 30	7 / 30	7 / 75	9,5 / 75
Max height difference		m	20	20	30	30
Liquid/gas pipe diameter		mm (inch")	6,35 (1/4") / 12,7 (1/2")	9,52 (3/8") / 15,8 (5/8")	9,52 (3/8") / 15,8 (5/8")	9,52 (3/8") / 15,8 (5/8")
Refrigerant type/standard charge		type/kg	R32 / 0,85	R32 / 1,50	R32 / 2,10	R32 / 2,80
Global warming potential / CO2 equiv.tons		GWP/tons	675 / 0,574	675 / 1,013	675 / 1,418	675 / 1,890
Refrigerant addition beyond max length with standard charge		g/m	16	20	20	35
Heating/cooling ambient operating temp. range		°C	-20÷24 / -20÷52	-20÷24 / -20÷52	-20÷24 / -20÷52	-20÷24 / -20÷52
CODE	I.U.		2701043	2701044	2701045	2701046
	O.U.		2701543	2701544	2701545	2701546
GRILLE CODE			2701492	2701493	2701493	2701493

OPTIONAL ACCESSORIES	CODE
Wired controller with WiFi	2701448
Wired controller for control of up to 36 indoor units*	2701456
Modbus Gateway	2701454
ON - OFF remote control kit	2701449

* Each indoor unit must be equipped with a Modbus Gateway cod. 2701454 to enable communication with the central wired controller.

THE ABOVE TECHNICAL DATA REFERS TO EUROPEAN STANDARDS EN14511 AND EN14825. OUTDOOR UNITS CONTAIN FLUORINATED GREENHOUSE GASES GOVERNED BY THE KYOTO PROTOCOL