

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



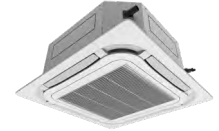
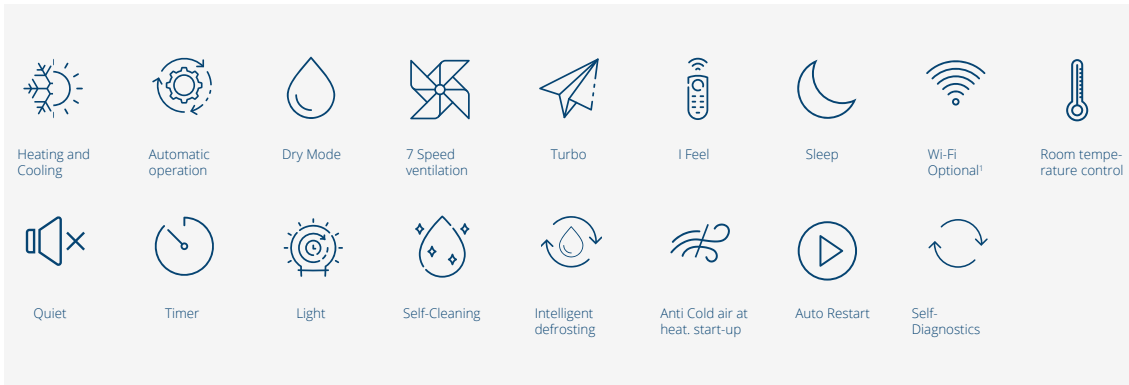
Remote Control



Optional Wired control



CSV - Cassette Air Conditioner



only with wall control integration

MODEL	U.I.	CSV1822HE32	CSV2422HE32	CSV3622HE32	CSV4822HE32	
	U.E.	MSV1822HE32	MSV2422HE32	MSV3622HE32	MSV4822HE32	
Power supply	V/f/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 (3,00-12,50)	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	tipo/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	gr/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	U.I.	2701043	2701044	2701045	2701046	
	U.E.	2701543	2701544	2701545	2701546	
GRILLE CODE		2701492	2701493	2701493	2701493	

OPTIONAL ACCESSORIES	CODE
Wired control 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

COMMERCIAL SOLUTIONS

MSV - Outdoor unit

An efficient air conditioning system must include the power and design of its outdoor units.

The use of high quality components, special focus on insulation and the robustness of the metal structure guarantee long life and resilience, even in the most troublesome climatic conditions.

The high drainage capacity of the outdoor unit's chassis prevents ice formation in the harshest climates and ensures optimum reliability and performance.

ECA Technology's range of commercial air conditioners meets the needs of the most varied installation requirements, adapting to industrial production areas, shops, supermarkets, offices, healthcare facilities, hotels, restaurants, bars and accommodation, public places and outdoor areas.



MSV1222

COMMERCIAL LINE OUTDOOR UNIT



MSV1822

COMMERCIAL LINE OUTDOOR UNIT



MSV2422

COMMERCIAL LINE OUTDOOR UNIT



MSV3622 / MSV4822

COMMERCIAL LINE OUTDOOR UNIT



MSV6022

COMMERCIAL LINE OUTDOOR UNIT



HMSV 2519 / 3019

COMMERCIAL LINE OUTDOOR UNIT
