

FSV - Floor - Ceiling Air Conditioner

The **floor-ceiling units** are ideal for applications in the small commercial/ tertiary sectors such as shops, offices, meeting rooms, hotels, restaurants, clubs, gyms and open space areas.

The compact design (only 235 mm deep) allows **versatile installation**. The wide swing angle of the louvres also allows horizontal air flow for ceiling applications – this prevents direct air flows onto persons in the room. When the unit is switched off, the air delivery louvres can be completely closed to prevent dust from entering the unit and keep the air conditioner clean.

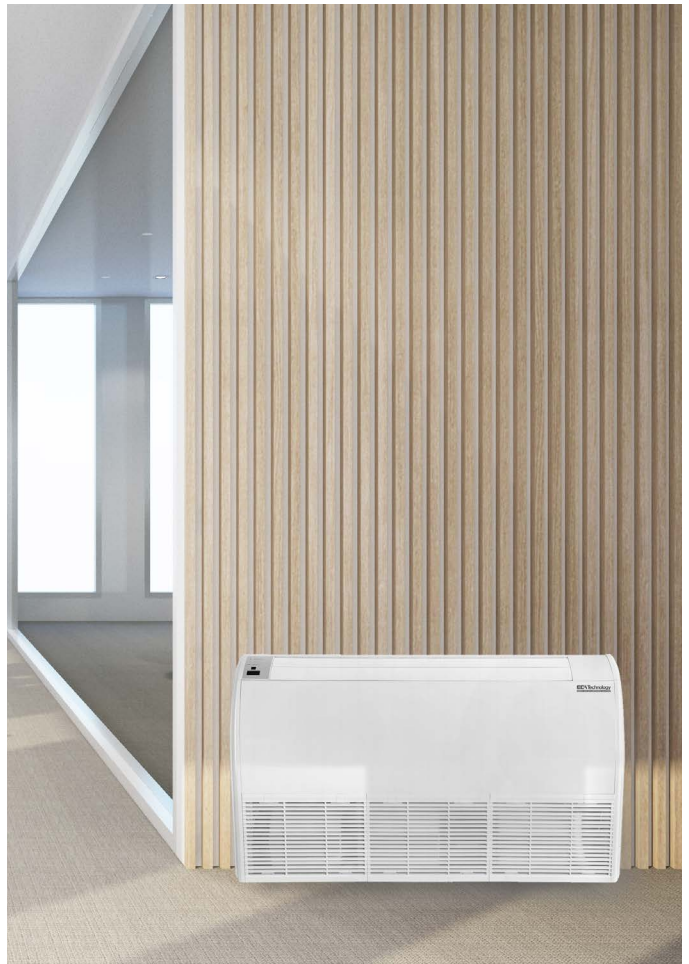


Standard remote control



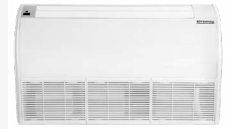
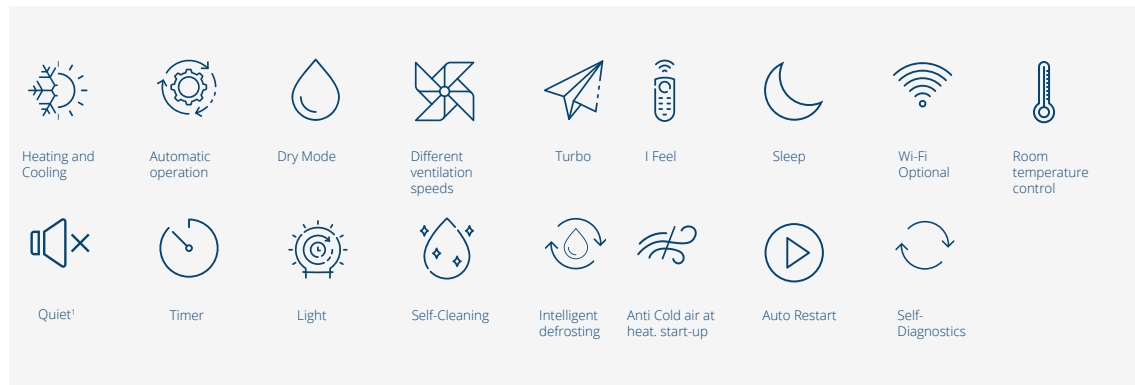
Optional wired control

FSV Floor-Ceiling



TECHNICAL DATA

FSV - Floor - Ceiling Air Conditioner



¹only with wired control integration

MODEL		I.U.	FSV1822HE32	FSV2422HE32	FSV3622HE32
		O.U.	MSV1822HE32	MSV2422HE32	MSV3622HE32
Power supply		V/Ph/Hz	230/1/50	230/1/50	400/3/50
Seasonal efficiency in Cooling mode	Pdesign	kW	5,30	7,10	10,00
	SEER		6,50	7,20	6,30
	Annual energy consump.	kWh/a	285	345	556
	Energy Label		A++	A++	A++
Seasonal efficiency in Heating mode - average/warmer climate	Pdesign	kW	3,90	4,70	7,00
	SCOP		4,20	4,30	4,20
	Annual energy consump.	kWh/a	1300	1530	2333
	Energy Label		A+	A+	A+
Nominal cooling capacity (min-max)		kW	5,30 (1,60-5,50)	7,10 (2,40-7,60)	10,00 (3,20-10,50)
		BTU/h	18000 (5500-18800)	24200 (8200-26000)	34100 (11000-35800)
Nominal cooling electric power (min-max)		kW	1,56 (0,30-1,80)	2,03 (0,50-2,60)	2,94 (0,90-4,00)
Nominal heating capacity (min-max)		kW	5,60 (1,60-6,10)	7,70 (2,20-8,40)	11,50 (3,00-12,00)
		BTU/h	19100 (5500-20800)	26200 (7500-28700)	39200 (10300-40600)
Nominal heating electric power (min-max)		kW	1,44 (0,30-1,80)	1,95 (0,50-2,60)	2,95 (0,90-4,00)
EER / COP			3,40 / 3,90	3,50 / 3,95	3,40 / 3,90
Indoor unit air flow volume (SH/H/M/L)		m³/h	900/800/700/600	1250/1100/1000/900	1600/1500/1400/1200
Outdoor unit air flow volume		m³/h	2200	3600	4800
Indoor unit sound pressure (SH/H/M/L)		dB(A)	41/40/38/36	41/39/37/35	48/46/45/43
Indoor unit sound power (SH/H/M/L)		dB(A)	59	54	65
Outdoor unit sound pressure (H)		dB(A)	52	55	57
Outdoor unit sound power (H)		dB(A)	65	69	70
Indoor unit dimensions (HxWxD)		mm	665x870x235	665x1200x235	665x1200x235
Indoor unit weight		kg	25	31	32
Outdoor unit dimensions (HxWxD)		mm	555x745x300	660x889x340	820x940x370
Outdoor unit weight		kg	30,5	41,5	75
Pipe length: min-max with standard charge / with additional charge		m	7 / 30	7 / 30	7 / 75
Max height difference		m	20	20	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")
Refrigerant type/standard charge		type/kg	R32 / 0,85	R32 / 1,50	R32 / 2,10
Global warming potential / CO2 equiv.tons		GWP/tons	675 / 0,574	675 / 1,013	675 / 1,418
Refrigerant addition beyond max length with standard charge		g/m	16	20	20
Heating/cooling ambient operating temp. range		°C	-20÷24 / -20÷52	-20÷24 / -20÷52	-20÷24 / -20÷52
CODE	I.U.		2701143	2701144	2701145
	O.U.		2701543	2701544	2701545

ACCESSORI OPTIONAL	CODICE
Wall control with Wifi	2701448
Centralized wall controller to control up to 36 indoor units*	2701456
Modbus Gateway	2701454
Remote ON-OFF board	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