

SATORI eco Y2023						
		SATORI ECO III			SATORI ECO II	
MODEL INDOOR UNIT		SRN23-09R32	SRN23-12R32	SRN23-18R32	SRN22-24R32	
MODEL OUTDOOR UNIT		SRG23-09R32	SRG23-12R32	SRG23-18R32	SRG22-24R32	
In replacement of		SRN22/SRG22-09R32	SRN22/SRG22-12R32	SRN22/SRG22-18R32	SRN/SRG-24R32	
TYPE		ASW-H09B6A4/FAR3DI-C0	ASW-H12C5D4/FAR3DI-B8	ASW-H18E0B4/FAR3DI-C0	ASW-H24F7A4/FAR3DI-B9	
EAN CODE	INDOOR UNIT					
EAN CODE	OUTDOOR UNIT					
DESIGN LOAD (Pdesign)						
Pdesign		kW	2.6	3.4	5.1	
Pdesignh (Average Zone)		kW	2.1	2.3	3.3	
Pdesignh (Warmer Zone)		kW	2.3	3.1	3.6	
COOLING*	CAPACITY	Btu/h	8,871	11,601	17,401	24,566
		kW	2.60	3.40	5.10	7.20
	RANGE CAPACITY	Btu/h Min.	2047 - 10577	2730 - 12966	4436 - 18084	6142 - 25249
		kW Min.	0.60 - 3.10	0.80 - 3.80	1.30 - 5.30	1.80 - 7.40
HEATING*	CAPACITY	Btu/h	8,905	11,942	17,742	24,566
		kW	2.61	3.50	5.20	7.20
	RANGE CAPACITY	Btu/h Min.	2730 - 11601	2730 - 13648	4436 - 18084	6142 - 27296
		kW Min.	0.80 - 3.40	0.80 - 4.00	1.30 - 5.30	1.80 - 8.00
SEASONAL EFFICIENCY						
COOLING	SEER		6.1	6.2	6.7	6.5
	Cooling Energy Class		A++	A++	A+	A++
HEATING	SCOP Average Zone		4.0	4.0	4.0	4.1
	Energy Class Average Zone		A+	A+	A+	A+
	SCOP Warmer Zone		5.1	5.1	5.3	5.3
Energy Class Warmer Zone		A+++	A+++	A+++	A+++	
ELECTRICAL DATA						
PHASE-VOLTAGE-FREQUENCY		P _h -V-Hz	1-220-240V-50	1-220-240V-50	1-220-240V-50	1-220-240V-50
COOLING	ANNUAL ELECTRICITY CONSUMPTION (Q _e)	kWh/a	149	192	266	359
	ANNUAL ELECTRICITY CONSUMPTION Average Zone (Q _{av})	kWh/a	735	805	1155	1950
HEATING Pdesignh	ANNUAL ELECTRICITY CONSUMPTION Warmer Zone (Q _w)	kWh/a	631	851	951	1859
STAND-BY MODE CONSUMPTION		kW/h	0,0005	0,0004	0,0003	0,0006
PERFORMANCES						
HUMIDITY REMOVAL		L/h	0.8	1.0	1.6	2.5
AIR FLOW VOLUME COOLING (Turbo/Hi/Mi/Lo)		m ³ /h	550/470/420/370	600/530/480/420	850/770/680/600	1300/1150/1010/870
AIR FLOW VOLUME HEATING (Turbo/Hi/Mi/Lo)		m ³ /h	600/520/470/420	600/550/490/420	860/780/700/620	1320/1150/1050/950
SOUND POWER LEVEL OF INDOOR UNIT (SHi/Hi/Mhi/M/MLo/Lo/SLo)		dB(A)	53/51/47/42/35	54/51/47/42/35	57/54/51/47/37	63/56/54/48/41
SOUND PRESSURE LEVEL OF INDOOR UNIT (SHi/Hi/Mhi/M/MLo/Lo/SLo)		dB(A)	41/38/34/30/22	41/38/34/30/22	45/42/38/34/24	48/44/42/36/28
SOUND POWER LEVEL OF OUTDOOR UNIT (Hi)		dB(A)	61	62	62	66
SOUND PRESSURE LEVEL OF OUTDOOR UNIT (Hi)		dB(A)	51	51	52	53
DIMENSIONS AND WEIGHT						
INDOOR UNIT	PRODUCT DIMENSIONS (W*H*D)	mm	690x283x199	750x285x200	900x310x225	1082x330x233
	PACKING DIMENSIONS (W*H*D)	mm	760x347x277	820x345x277	970x382x302	1155x397x312
	Net/Gross WEIGHT	Kg	7 / 9	8 / 10	10 / 13.5	14 / 16
OUTDOOR UNIT	PRODUCT DIMENSIONS (W*H*D)	mm	727x456x278	727x456x278	715x537x280	900x700x350
	PACKING DIMENSIONS (W*H*D)	mm	760x510x305	760x510x305	825x595x345	1020x770x430
	Net/Gross WEIGHT	Kg	18 / 21	18 / 21	23 / 27	39 / 43
OUTDOOR UNIT			Metallic	Metallic	Metallic	Metallic
CONNECTION PIPE SIZE						
PIPING SIZE mm (inch)	Liquid	mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
	Gas	mm (inch)	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")
	Maximum pipe length	m	20	20	20	25
	Maximum pipe height	m	10	10	10	15
GENERAL SPECIFICATIONS						
INVERTER FUNCTION			YES	YES	YES	YES
Operation Temperature limit	Cooling		16-49	16-49	16-49	16-49
	Heating		-15-30	-15-30	-15-30	-15-30
REFRIGERANT			R32	R32	R32	R32
REFRIGERANT CHARGE		g	510	550	540	1300
CO ₂ EQUIVELANT		Tonnes	0.34	0.37	0.36	0.88
IONIZER			YES	YES	YES	YES
WI-FI			PREINSTALLED	PREINSTALLED	PREINSTALLED	PREINSTALLED
FILTERS			1 x Antivirus Filter 1 x Active Carbon	1 x Antivirus Filter 1 x Active Carbon	1 x Antivirus Filter 1 x Active Carbon	1 x Antivirus Filter 1 x Active Carbon
ADDITIONAL SPECIFICATIONS	"I-FEEL" FUNCTION		YES	YES	YES	YES
	"SP" FUNCTION "INTELLIGENT PREHEATING"		YES	YES	YES	YES
	"TURBO" FUNCTION		YES	YES	YES	YES
	"TIMER" FUNCTION		YES	YES	YES	YES
	INTELLIGENT "DEFROST"		YES	YES	YES	YES
	SELF-DIAGNOSIS SYSTEM		YES	YES	YES	YES
	"DEHUMIDIFICATION" FUNCTION		YES	YES	YES	YES
	"AUTORESTART" FUNCTION		YES	YES	YES	YES
	"SELF CLEAN" FUNCTION Anti-F		YES	YES	YES	YES
	"STERILIZATION" FUNCTION i-CLEAN 560C		YES	YES	YES	YES
	"SMOOTH START" FUNCTION		YES	YES	YES	YES
	"ENERGY SAVING" FUNCTION		YES	YES	YES	YES
	"8°C HEATING" FUNCTION		YES	YES	YES	YES
	4 FAN SPEED		YES	YES	YES	YES
	"LOCK" FUNCTION		YES	YES	YES	YES
	"VERTICAL" AUTO SWING (up/down)		YES	YES	YES	YES
	"HORIZONTAL" AUTO SWING (left/right)		NO	NO	NO	NO
	"SILENCE" FUNCTION		YES	YES	YES	YES
	"DISPLAY" FUNCTION		YES	YES	YES	YES
	"SLEEP" FUNCTION		YES	YES	YES	YES
VOICE CONTROL		YES	YES	YES	YES	
ANTI-CORROSION PROTECTION "BLUE FINS"		YES	YES	YES	YES	
LOUVER MEMORY POSITION		YES	YES	YES	YES	
COUNTRY OF ORIGIN			CHINA	CHINA	CHINA	CHINA
Bar Code Indoor Unit			520502202152	520502202176	520502202190	5205022020431
Bar Code Outdoor Unit			520502202169	520502202183	520502202206	5205022020448

HARMONISED STANDARD: EN14511:2007, EN12102*
GLOBAL WARMING POTENTIAL (GWP) 675

	HOTEL MENU REMOTE CONTROLLER		NO	NO	NO	NO
	DOOR CONTROL CARD		NO	NO	NO	NO
	CONNECTION WITH WIRED CONTROLLER		NO	NO	NO	NO
	VALVE COVER		YES	YES	YES	YES
	RC HOLDER		YES	YES	YES	YES
	BACK LIGHT (REMOTE CONTROLLER)		YES	YES	YES	YES
	Refrigerant charge (kg)		0.51	0.55	0.54	1.3
	GWP		675	675	675	675
	CO ₂ equivalent		0.34425	0.37125	0.3645	0.8775
	SAP Code In					
	Sap Code Out					
	Sap Set Code					
	Factory Model Name					
	Factory Code					
	Remote Controller		T121E	T121E	T121E	T121E
	Wired Controller (optional)		-	-	-	-
	Door Card (optional)		-	-	-	-
	Gas Additional Charge	g	20	20	20	30
	Cooling Power Input	W	2600	3400	5100	7200
	Min. Cooling Power Input	W	800	1075	1520	2200
	Max. Cooling Power Input	W	100	100	280	230
	Heating Power Input	W	1600	1600	1700	2760
	Min. Heating Power Input	W	2610	3500	5200	7200
	Max. Heating Power Input	W	800	1050	1400	2000
	Cooling Current	A	300	300	220	230
	Heating Current	A	1600	1600	1500	2530
	Rated Input	W	3.8 (0.7-7.8)	5.1(0.7-7.8)	7.0(1.2-7.5)	10 (1-12)
	Rated Current	A	3.8 (1.5-8.0)	5.0 (1.5-8.0)	6.45(1.0-6.6)	9.1 (1-11)
	Rated Heating Current	A	800 / 850	1180 / 1100	1520 / 1400	2200
	Max. Over Current Protection	A	3.8	5.1	7	10
	Max. Input Current	A	8.5	9	9	16
	Max. Input Power	kW	1.6	1.6	1.9	3.4
	EER		3.8	5	6.45	9.1
	EER CLASS		9.5	9.5	9	16
	COP		3.25	3.16	3.36	3.27
	COP CLASS		3.26	3.33	3.71	3.60
	Application area	m ²	11.25-18	14.58-23.3	21.25-34	27.9-46.67

Italian Regulation EER ≥3,23, COP ≥3,71