

TOYOTOMI SATORI							
MODEL			SRN/SG-09R32	SRN/SG-12R32	SRN/SG-18R32	SRN/SG-21R32	SRN/SG-24R32
DESIGN LOAD (Pdesign)							
Pdesignc		kW	2.6	3.5	5.0	6.3	6.7
Pdesignh (Average Zone)		kW	2.4	2.6	3.6	4.6	5.7
Pdesignh (Warmer Zone)		kW	2.4	2.6	3.9	5.4	7.0
COOLING / HEATING CAPACITY							
COOLING*	CAPACITY	Btu/h	8,871	11,942	17,060	22,178	23,884
		kW/h	2.60	3.50	5.00	6.50	7.00
	RANGE CAPACITY	Btu/h	2,047.2 - 10,918.4	2,729.6 - 12,965.6	5,118.0 - 17,724.4	3,412.0 - 22,519.2	4,776.8 - 25,897.08
		kW/h	0.6 - 3.2	0.8 - 3.8	1.5 - 5.2	1.0 - 6.6	1.4 - 7.59
HEATING*	CAPACITY	Btu/h	9,895	12,283	18,015	22,178	23,884
		kW/h	2.90	3.60	5.28	6.50	7.00
	RANGE CAPACITY	Btu/h	2,047.2 - 11,942.0	2,729.6 - 13,989.2	4,435.6 - 18,424.8	2,729.6 - 23,201.6	4,776.8 - 30,776.24
		kW/h	0.6 - 3.5	0.8 - 4.1	1.3 - 5.4	0.8 - 6.8	1.4 - 9.02
SEASONAL EFFICIENCY							
COOLING	SEER		6.4	6.2	6.4	6.2	6.9
	Cooling Energy Class		A++	A++	A++	A++	A++
	SCOP Average Zone		4.1	4.0	4.1	4.0	4.1
HEATING	Energy Class Average Zone		A+	A+	A+	A+	A+
	SCOP Warmer Zone		5.2	5.2	5.1	5.2	5.2
	Energy Class Warmer Zone		A+++	A+++	A+++	A+++	A+++
ELECTRICAL DATA							
PHASE-VOLTAGE-FREQUENCY		Ph-V-Hz	1-220-240V-50	1-220-240V-50	1-220-240V-50	1-220-240V-50	1-220-240V-50
COOLING	ANNUAL ELECTRICITY CONSUMPTION (Q _{cl})	kWh/a	142	198	272	356	341
HEATING Pdesignh	ANNUAL ELECTRICITY CONSUMPTION Average Zone (Q _{ac})	kWh/a	817	902	1,236	1,606	1,940
	ANNUAL ELECTRICITY CONSUMPTION Warmer Zone (Q _{ac})	kWh/a	645	695	1,067	1,461	1,867
STAND-BY MODE CONSUMPTION		kW/h	0.0005	0.0005	0.0004	0.0004	0.0005
PERFORMANCES							
HUMIDITY REMOVAL		L/h	1.2	1.4	1.8	2.3	2.4
AIR FLOW VOLUME (Turbo/Hi/M/Lo)		m3/h	560/470/420/370/250	560/470/420/370/250	850/780/680/580/340	1250/1150/1050/900/520	1220/1150/1000/900
SOUND POWER LEVEL OF INDOOR UNIT (Turbo/Hi/M/Lo/Quite)		dB(A)	54/49/45/41/36	53/49/45/42/36	56/52/49/45/35	57/53/50/46/36	62/60/48/43/42
SOUND PRESSURE LEVEL OF INDOOR UNIT (Turbo/Hi/M/Lo/Quite)		dB(A)	44/39/35/31/26	43/39/36/32/27	46/42/39/35/25	47/43/40/36/26	50/44/39/35/25
SOUND POWER LEVEL OF OUTDOOR UNIT (Hi)		dB(A)	61	62	62	66	64
SOUND PRESSURE LEVEL OF OUTDOOR UNIT (Hi)		dB(A)	53	51	53	54	54
DIMENSIONS AND WEIGHT							
INDOOR UNIT	PRODUCT DIMENSIONS (W*H*D)	mm	750 x 285 x 200	750 x 285 x 200	900 x 310 x 225	1,082 x 330 x 233	1,082 x 330 x 233
	PACKING DIMENSIONS (W*H*D)	mm	820 x 347 x 277	820 x 347 x 277	970 x 382 x 302	1,155 x 397 x 312	1,155 x 397 x 312
	Net/Gross WEIGHT	Kg	7.5 / 9.5	8.0 / 10	11 / 13	14 / 16	15 / 17
OUTDOOR UNIT	PRODUCT DIMENSIONS (W*H*D)	mm	730 x 545 x 285	730 x 545 x 285	800 x 545 x 315	825 x 655 x 310	900 x 700 x 350
	PACKING DIMENSIONS (W*H*D)	mm	850 x 620 x 370	850 x 620 x 370	920 x 620 x 400	945 x 725 x 435	1,020 x 770 x 430
	Net/Gross WEIGHT	Kg	25 / 27	25 / 27	30.5 / 32.5	40 / 42	45 / 49
	OUTDOOR UNIT		Metallic	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")	6.35 (1/4")
	Gas	mm (inch)	9.53 (3/8")	9.53 (3/8")	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")
	Maximum pipe length	m	20	20	20	25	25
	Maximum pipe height	m	10	10	10	15	10
GENERAL SPECIFICATIONS							
INVERTER FUNCTION			YES	YES	YES	YES	YES
OPERATION TEMPERATURE LIMIT	Cooling		16-43	16-43	16-43	16-43	16-43
	Heating		-15-32	-15-32	-15-32	-15-32	-15-32
REFRIGERANT			R32	R32	R32	R32	R32
IONIZER			YES	YES	YES	YES	YES
Wi-Fi READY			YES	YES	YES	YES	YES
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	1 x Antivirus Filter 1 x Active Carbon
ADDITIONAL SPECIFICATIONS	SP Function INTELLIGENT PREHEATING		YES	YES	YES	YES	YES
	TURBO Function		YES	YES	YES	YES	YES
	TIMER Function		YES	YES	YES	YES	YES
	INTELLIGENT DEFROST		YES	YES	YES	YES	YES
	SELF-DIAGNOS SYSTEM		YES	YES	YES	YES	YES
	DEHUMIDIFICATION		YES	YES	YES	YES	YES
	AUTORESTART		YES	YES	YES	YES	YES
	SELF CLEAN Function		YES	YES	YES	YES	YES
	SMOOTH START Function		YES	YES	YES	YES	YES
	ENERGY SAVING Function		YES	YES	YES	YES	YES
	HEALTH Function		YES	YES	YES	YES	YES
	4 FAN SPEED		YES	YES	YES	YES	YES
	LOCK Function		YES	YES	YES	YES	YES
	VERTICAL AUTO SWING		YES	YES	YES	YES	YES
	HORIZONTAL AUTO SWING		NO	NO	NO	NO	NO
	DISPLAY Function		YES	YES	YES	YES	YES
	SLEEP Function		YES	YES	YES	YES	YES
	VALVE COVER		YES	YES	YES	YES	YES
	RC HOLDER		YES	YES	YES	YES	YES
	BACK LIGHT(REMOTE CONTROLLER)		YES	YES	YES	YES	YES
	ANTI-CORROSION PROTECTION BLUE FINS		YES	YES	YES	YES	YES
	LOUVER MEMORY POSITION		YES	YES	YES	YES	YES
Refrigerant Charge		gr	530	600	970	1,300	1,440
CO ₂ EQUIVELANT		Tonnes	0.36	0.41	0.65	0.88	0.97
CONTAINER LOADING QUANTITY (20'ft / 40'ft / 40HQ)		Sets	104 / 213 / 250	104 / 213 / 250	83 / 171 / 200	64 / 132 / 155	56 / 119 / 140

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

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