



SIRIO



I-FEEL



MULTI SPEED



SLEEP



3D SWING



FAST COOLING



INTELLIGENT
DEFROSTING



COLD AIR
PREVENTION



AUTO CLEAN



AUTO RESTART



LOW VOLTAGE
STARTUP

Description	Unit	TAD-SIRIO-25IT		TAD-SIRIO-35IT		TAD-SIRIO-50IT	
		Cooling	Heating	Cooling	Heating	Cooling	Heating
Power supply	V/Ph/ Hz	220-240/1/50		220-240/1/50		220-240/1/50	
Nominal capacity (min.-max.) (EN14511)	kW	2,7 (0,70-3,45)	2,9 (0,70-3,65)	3,2 (0,65-3,85)	3,5 (0,70-4,05)	4,5 (1,30-5,50)	4,6 (1,30-5,50)
Nominal power input (min.-max.)	kW	0,836 (0,30-1,20)	0,781 (0,30-1,20)	0,990 (0,30-1,30)	0,943 (0,40-1,60)	1,960 (0,40-2,10)	1,400 (0,40-2,10)
Max current	A	6,4		7.3		9.1	
EER/COP (EN14511)		3,23	3,71	3,23	3,71	3,23	3,71
Pdesign	kW	2,7	2,6	3,2	3,0	4,9	3,6
SEER / SCOP avg. climate		6,5	4,0	6,1	4,0	6,1	4,0
Energy class *		A++	A+	A++	A+	A++	A+
Seasonal energy consumption	kWh/ annum	145		184		259	
Air flow I.U.	m³/h	630/550		650/550		810/730	
Dehumidification	l/h	1.2		1,4		2.0	
Sound pressure I.U.	dB(A)	38-34-29-19	37-33-29-19	38-34-29-20	38-34-29-20	44-41-37-32	42-38-35-32
Sound power I.U.	dB(A)	57	57	59	59	60	60
Sound pressure O.U. (a.)	dB(A)	50		51		54	
Sound power O.U. (a.)	dB(A)	62		64		65	
Compressor type		Rotary DC Inverter					
Refrigerant type/GWP		R32/675		R32/675		R32/675	
Refrigerant charge	kg/T.CO ₂ eq.	0,51/0,755		0,51/0,755		0,83/1,220	
Liquid pipe diameter	mm (inch)	6,35 (1/4")		6,35 (1/4")		6,35 (1/4")	
Gas pipe diameter	mm (inch)	9,52 (3/8")		9,52 (3/8")		12,7 (1/2")	
Minimum/maximum pipe length with standard charge	m	3-5		3-5		3-7	
Maximum pipe length with additional charge	m	20		20		20	
Additional gas charge	g/m	20		20		20	
Max. height difference	m	15		10		10	
Net dimensions I.U. (H/W/D)	mm	199/802/292		199/802/292		212/875/304	
Net dimensions O.U. (H/W/D)	mm	585/819/320		585/819/320		553/800/280	
Net weight I.U. / O.U.	Kg	8,8/22,4		8,8/22,4		10.0/12.4	

OPERATING LIMITS (outdoor temperature) Cooling: from -15 °C to +50 °C Heating: from -15 °C to +30 °C
ROOM TEMPERATURE SETTING RANGE: from 16 to 30 °C

*Data declared in compliance with EU Regulation No. 206/2012, laying down ecodesign requirements for air conditioners and comfort fans, and Regulation No. 626/2011, on the energy labelling of air conditioners, tested according to standard EN14825:2012.