

Low Profile Split Ducted Unit (Cool Only) 027-046kW

Model Number (Cooling Only)	Indoor Unit	S027ILC3SA-F-S	S032ILC3SA-F-S	S036ILC3SA-F-S	S042ILC3SA-F-S	S046ILC3SA-F-S
	Outdoor Unit	S027OVC3SA-L-S	S032OVC3SA-L-S	S036OVC3SA-L-S	S042OVC3SA-L-S	S046OVC3SA-L-S
Rated Cooling	Total Capacity (kW) ³	28.65	33.25	38.27	41.70	46.93
	Sensible ³	21.60	25.88	29.35	32.16	36.01
	EER (kW/ikW) ³	3.34	3.22	3.50	3.30	3.07
AHRI Compliant	AHRI 340/360	Yes				
Operating Range	Maximum °C	+52				
	Minimum °C	+10				
Capacity Steps	%	0/100				
Compressor	Type	Scroll				
	Starter	D.O.L (Optional Soft Starter)				
	Qty	1				
Outdoor Fan	Type	Axial				
	Speed Control	2 Speed Via Capacitor				
	Qty	2				
Refrigerant System	Type	R410A				
	Charge Per Circuit kg	5.75	6.75	9.50	11.00	10.80
	No of Circuits	1				
Indoor Fan	Type	EC Plug				
	Speed Control	Potentiometer				
	Qty	1				
Airflow Indoor (L/s)	Nominal	1450	1775	1875	2200	2470
	Maximum	1813	2219	2344	2750	3088
	Minimum	1088	1331	1406	1650	1853
Available External Static Pressure	Pa	High Static Capability (See Fan Performance Curves)				
IP Rating	Outdoor/Indoor	IP44 (Optional IP55) / 20				
Power Supply	(Volt/Phase/Hz)	400-415V / 3Ph + N / 50Hz				
Rated Load Amps ⁴	Outdoor/Indoor/ Total	17.4 / 1.0 / 18.4	20.2 / 1.4 / 21.5	19.9 / 1.5 / 21.3	22.2 / 1.9 / 24.1	28.3 / 2.4 / 30.7
Full Load Amps ⁵	Outdoor/Indoor/ Total	26.5 / 2.1 / 28.6	25.2 / 2.1 / 27.3	28.6 / 2.1 / 30.7	34.6 / 5.2 / 39.8	37.6 / 5.2 / 42.8
Outdoor Dimensions (mm)	Height	1440	1643	1846	1846	1846
	Width	1897				
	Length	900				
Indoor Dimensions (mm)	Height	711				
	Width	1413	1594	2292	2292	2292
	Length	902				
Indoor and Outdoor Pipe Connection Diameter	Liquid mm (inch)	12.7 (1/2") x 1			15.9 (5/8") x 1	
	Gas mm (inch)	28.6 (1-1/8") x 1			28.6 (1-1/8") x 1	
Nominal Weight ²	Outdoor kg	238	256	282	314	316
Nominal Weight ²	Indoor kg	117	133	133	160	160
Rated Sound Power	db(A)	67.1	67.5	66.9	67.2	67.2

1. For reverse cycle model only 2. For base model only. Factory options will vary 3. Performance excludes ikW of evaporator fan motor 4. R.L.A - Run Load Amps are based on current drawn at nominal conditions 5. F.L.A - Full Load Amps are based on the overload settings [max current] of all compressor and fan motor(s)