

# Low Profile Split Ducted Unit

# Specifications (12 to 45kW)

Model Number (Reverse Cycle)	Indoor Unit	S012ILR	S015ILR	S018ILR	S020ILR	S023ILR	S024ILR	S030ILR	S035ILR	S040ILR	S045ILR
	Outdoor Unit	S012OVR	S015OVR	S018OVR	S020OVR	S023OVR	S024OVR	S030OVR	S035OVR	S040OVR	S045OVR
Rated Cooling	Total Capacity (kW) <sup>3</sup>	12.57	15.54	17.43	20.53	22.89	25.15	31.02	34.13	39.78	45.27
	Sensible <sup>3</sup>	9.7	12.13	13.45	15.88	18.17	19.39	25.97	28.12	33.42	36.62
	EER (kW/ikW) <sup>3</sup>	3.50	3.70	3.49	3.60	3.32	3.59	3.60	3.44	3.40	3.27
Rated Heating <sup>1</sup>	Total Capacity (kW)	11.90	14.70	16.70	20.60	22.50	23.80	30.20	33.60	40.10	43.50
	COP	3.66	3.87	3.71	3.81	3.63	3.66	3.60	3.78	3.61	3.71
MEPS Certified		Yes									
Operating Range	Maximum °C	+50									
	Minimum °C	-10									
Capacity Steps	%	0/100					0/50/100				
Compressor	Type	Scroll									
	Starter	D.O.L (Optional Soft Starter)									
	Qty	1					2				
Outdoor Fan	Type	Hybrid Axial									
	Speed Control	Pressure Transducer									
	Qty	2									
Refrigerant System	Type	R410A									
	Charge Per Circuit kg	3.95	5.30	5.70	7.30	6.80	3.95	5.30	5.70	7.30	6.80
	No of Circuits	1					2				
Indoor Fan	Type	EC Centrifugal Blower					EC Plug				
	Speed Control	Variable Speed					Potentiometer				
	Qty	1					2				
Airflow Indoor (L/s)	Nominal	625	835	875	990	1120	1250	1670	1750	1985	2235
	Maximum	781	1044	1094	1238	1400	1563	2088	2188	2481	2794
	Minimum	469	626	656	743	840	938	1253	1313	1489	1676
Available External Static Pressure	Pa	+200 Pa					High Static Capability (See Fan Performance Curves)				
IP Rating		IP44									
Power Supply	(Volt/Phase/Hz)	400-415V / 3Ph + N / 50Hz									
Rated Load Amps <sup>4</sup>	Outdoor/Indoor/Total	6.5 / 2.1/8.6	7.5 / 2.8/ 11.3	9.1/ 4.0/ 13.1	9.4/ 4.2/ 13.6	10.3/ 5.8/ 15.1	12.8/ 0.6/13.6	14.7/ 1.1/ 15.8	18.1/2/19.1	19.2/ 1.4/ 20.6	20.9/1.8/22.7
Full Load Amps <sup>5</sup>	Outdoor/Indoor/Total	9.7/ 4.4/ 14.1	12/4.4/16.4	13.5/4.4/17.9	17.4/ 5.9/ 23.3	19.6/5.2/24.8	24.2/5.2/29.4	27.2/5.2/32.4	35.2/5.2/40.4		
Outdoor Dimensions (mm)	Height	1162					1190				
	Width	730					1850				
	Length	1550					1425				
Indoor Dimensions (mm)	Height	444			455		690				
	Width	1225			1500		1700			2250	
	Length	655			625		820				
Indoor and Outdoor Pipe Connection Diameter	Liquid mm (inch)	9.5 (3/8") x 1			9.5 (3/8") x 1		9.5 (3/8") x 2			9.5 (3/8") x 2	
	Gas mm (inch)	19.1 (3/4") x 1			22.2 (7/8") x 1		19.1 (3/4") x 2			22.2 (7/8") x 2	
Nominal Weight <sup>2</sup> .	Outdoor kg	211	214	217	220	223	362	382	389	414	
Nominal Weight <sup>2</sup> .	Indoor kg	70			74		192	200		233	
Rated Sound Power	db(A)	61.7			66.6		66.5			68.7	

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)

