

Vertical Split Ducted Unit

Specifications (12 to 45kW)

Model Number (Reverse Cycle)	Indoor Unit	S012IVR	S015IVR	S018IVR	S020IVR	S023IVR	S024IVR	S030IVR	S035IVR	S040IVR	S045IVR
	Outdoor Unit	S012OVR	S015OVR	S018OVR	S020OVR	S023OVR	S024OVR	S030OVR	S035OVR	S040OVR	S045OVR
Rated Cooling	Total Capacity (kW) ³	12.30	15.50	17.50	20.00	22.80	25.15	31.02	34.13	39.78	45.27
	Sensible ³	9.42	12.50	13.50	15.30	17.50	19.39	25.97	28.12	32.42	36.62
	EER (kW/ikW) ³	3.52	3.60	3.43	3.39	3.28	3.59	3.60	3.44	3.40	3.27
Rated Heating ¹	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	5.3	5.7	7.3	6.8	3.95	5.30	5.70	7.30	6.80
	No of Circuits	1					2				
Indoor Fan	Type	EC Plug									
	Speed Control	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	High Static Capability (See Performance Curves)									
IP Rating		IP44									
Power Supply	(Volt/Phase/Hz)	400-415V / 3Ph + N / 50Hz									
Rated Load Amps ⁴	Outdoor/Indoor/Total	6.5/0.5/7.0	7.5/0.9/8.4	9.1/0.9/10.0	9.4/1.0/10.4	10.3/1.3/11.6	12.8/1.1/13.6	14.7/1.4/15.9	18/1.8/19.2	19.2/2/20.6	20.9/2.6/22.6
Full Load Amps ⁵	Outdoor/Indoor/Total	9.7/2.6/12.3	12/2.6/14.6	13.5/2.6/16.1	17.4/2.6/20.0	17.4/2.6/16.1	19.6/4.2/23.8	24.2/4.2/28.4	27.2/4.2/31.4	35.2/5.3/40.5	35.2/5.3/40.5
Outdoor Dimensions (mm)	Height	1162					1190				
	Width	730					1850				
	Length	1550					1425				
Indoor Dimensions (mm)	Height	1580			1810		2140				
	Width	850			850		925				
	Length	625			625		950				
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 ² .	Outdoor kg	211	214	217	220	223	362	382	389	414	
Nominal Weight ² .	Indoor kg	127	131		147		192	200		225	
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)