

Horizontal Split Ducted Unit

Specifications (24 to 95kW)

Model Number (Reverse Cycle)	Indoor Unit	S024IHR	S030IHR	S035IHR	S040IHR	S045IHR	S055IHR	S065IHR	S075IHR	S085IHR	S095IHR	
	Outdoor Unit	S024OVR	S030OVR	S035OVR	S040OVR	S045OVR	S055OVR	S065OVR	S075OVR	S085OVR	S095OVR	
Rated Cooling	Total Capacity (kW) ³	25.14	31.02	34.13	39.78	45.27	52.90	63.88	72.95	83.74	94.04	
	Sensible ³	19.38	25.97	28.12	33.42	36.62	44.01	54.5	58.5	69.34	77.49	
	EER (kW/ikW) ³	3.59	3.60	3.44	3.40	3.27	3.07	3.28	3.49	3.47	3.24	
Rated Heating ¹	Total Capacity (kW)	23.80	30.20	33.60	40.10	43.50	54.30	65.00	73.40	84.30	96.10	
	COP	3.66	3.60	3.78	3.61	3.71	3.39	3.61	3.59	3.60		
MEPS Certified		Yes							BCA Compliant			
Operating Range	Maximum °C	+50										
	Minimum °C	-10										
Capacity Steps	%	0/50/100										
Compressor	Type	Scroll										
	Starter	D.O.L. (Optional Soft Starter)										
	Qty	2										
Outdoor Fan	Type	Hybrid Axial					EC Hybrid Axial					
	Speed Control	Variable Speed					Pressure Transducer					
	Qty	2										
Refrigerant System	Type	R410A										
	Charge Per Circuit kg	3.95	5.30	5.70	7.30	6.80	5.75	6.75	9.50	11.00	10.80	
	No of Circuits	2										
Indoor Fan	Type	EC Plug										
	Speed Control	Potentiometer										
	Qty	1					2					
Airflow Indoor (L/s)	Nominal	1250	1670	1750	1985	2235	2880	3550	3750	4400	4930	
	Maximum	1563	2088	2188	2481	2794	3600	4438	4688	5500	6163	
	Minimum	938	1253	1313	1489	1676	2160	2663	2813	3300	3698	
Available External Static Pressure	Pa	High Static Capability (See Fan Performance Curves)										
IP Rating		IP44										
Power Supply	(Volt/Phase/Hz)	400-415V / 3Ph + N / 50Hz										
Rated Load Amps ⁴	Outdoor/Indoor/Total	12.9/ 1/13.6	14.8/ 1.2/ 15.9	18/1.3/19.4	19.4/ 1.3/ 20.7	21.1/1.7/23	28.6/2.5/31.1	32.7/2.2/34.9	35.3/2.8/38.1	40.2/3.3/43.5	52.2/4.1/56.3	
Full Load Amps ⁵	Outdoor/Indoor/Total	19.6/4.2/23.8	24.2/4.2/28.4	27.2/4.2/31.4	35.2/4.6/39.8	35.2/4.6/39.8	45.2/4.6/49.8	47/8.4/55.4	53/8.4/61.4	65/8.6/73.6	71/8.6/79.6	
Outdoor Dimensions (mm)	Height	1190					1390	1595		1800		
	Width	1850					2200					
	Length	1425										
Indoor Dimensions (mm)	Height	1195					1400	1605		1805		
	Width	1600					1850					
	Length	1100										
Indoor and Outdoor Pipe Connection Diameter	Liquid mm (inch)	9.5 (3/8") x 2			9.5 (3/8") x 2			12.7 (1/2") x 2		15.9 (5/8") x 2		
	Gas mm (inch)	19.1 (3/4") x 2			22.2 (7/8") x 2			28.6 (1-1/8") x 2		28.6 (1-1/8") x 2		
Nominal Weight ² .	Outdoor kg	362	382	389	414		510	600	610	761	783	
Nominal Weight ² .	Indoor kg	201	204		233		290	340		461		
Rated Sound Power	db(A)	66.5			66.3		70.9	71.5				

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)

