

# Vertical Package Unit

# Specifications (12 to 45kW)

Model Number (Reverse Cycle)	Vertical Packaged	P012AVR	P015AVR	P018AVR	P020AVR	P023AVR	P024AVR	P030AVR	P035AVR	P040AVR	P045AVR	
Rated Cooling	Total Capacity (kW) <sup>3</sup>	12.30	15.50	17.50	20.00	22.80	25.14	31.00	34.13	39.78	45.27	
	Sensible <sup>3</sup>	9.42	12.50	13.50	15.30	17.50	18.86	25.25	27.06	31.25	35.00	
	EER (kW/ikW) <sup>3</sup>	3.52	3.60	3.43	3.39	3.28	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	34.25	40.09	43.53	
	COP	3.66	3.87	3.71	3.81	3.63	3.66	3.60	3.85	3.61	3.77	
MEPS Certified		Yes										
Operating Range	Maximum °C	+50										
	Minimum °C	-10										
Capacity Steps	%	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	1					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 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		IP55					IP44					
Power Supply	(Volt/Phase/Hz)	400-415V / 3Ph + N / 50Hz										
Rated Load Amps <sup>4</sup>	Total	5.60	6.88	8.50	9.72	12.40	13.90	16.10	19.80	21.20	23.50	
Full Load Amps <sup>5</sup>	Total	12.40	14.70	16.20	20.20		23.80	28.40	31.40	40.50		
Dimensions (mm)	Height	1579			1965			2140				
	Width	1375			1370			2250				
	Length	850					950					
Nominal Weight <sup>2</sup>	kg	250	270		300		570	580	590	610	620	
Rated Sound Power	db(A)	63.5			66.9		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)