

Compact Rooftop Package Unit

Specifications (28 to 48kW)

Model Number (Reverse Cycle)	Packaged Unit	P028AHR	P033AHR	P038AHR	P043AHR	P048AHR
Rated Cooling	Total Capacity (kW) ³	28.10	32.30	37.60	42.21	45.84
	Sensible ³	22.89	26.65	30.42	34.70	38.09
	EER (kW/ikW) ³	3.21	3.25	3.30	3.20	3.16
Rated Heating ¹	Total Capacity (kW)	28.48	33.00	39.58	43.93	47.48
	COP	3.60	3.67	3.66	3.62	3.65
MEPS Certified				Yes		
Operating Range	Maximum °C			+50		
	Minimum °C			-10		
Capacity Steps	%			0/50/100		
Compressor	Type	Tandem Scroll				
	Starter	D.O.L (Optional Soft Starter)				
	Qty	1				
Outdoor Fan	Type	EC Axial				
	Speed Control	Pressure Transducer				
	Qty	1				
Refrigerant System	Type	R410A				
	Charge Per Circuit kg	5.75	6.75	9.5	11	10.8
	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 Performance Curves)				
IP Rating		IP44				
Power Supply	(Volt/Phase/Hz)	400-415V / 3Ph + N / 50Hz				
Rated Load Amps ⁴ .	Total	16.1	17.3	19.8	22.7	26.6
Full Load Amps ⁵ .	Total	26.8	29.3	35.7	35.8	38.2
Total Dimensions (mm)	Height	1350	1555		1760	
	Width	1550				
	Length	1850				
Nominal Weight ² .	Total kg	425	470	490	540	570
Rated Sound Power	db(A)	67.9	68.5			

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)