

P Series - Tech Data

Rated capacity measured in accordance with AS/NZS 3823 conditions:
Cooling: Indoor 27°C db / 19°C wb; Ambient 35°C db
Heating: Indoor 20°C db; Ambient 7°C db / 6°C wb

Mains power source - AC 230V and 50Hz.
Refer to temperzone Warranty for full conditions.
*Star Ratings based on 2019 GEMS determination.

MODEL

	RAS-P25YHAB	RAS-P35YHAB	RAS-P50YHAB
Indoor	RAS-P25YHAB	RAS-P35YHAB	RAS-P50YHAB
Outdoor	RAC-P25YHAB	RAC-P35YHAB	RAC-P50YHAB
Capacity kW			
Nominal Cooling	2.5	3.5	5.0
Nominal Heating	3.5	4.5	6.0
H2 Rating	3.3	4.3	6.0
Capacity (Range) kW			
Cooling	0.9 ~ 3.5	0.9 ~ 4.1	0.9 ~ 6.0
Heating	0.9 ~ 5.5	0.9 ~ 6.0	1.0 ~ 7.5
Air Flow l/sec			
Cooling - l / Sec (H/M/L/SL)	145/120/105/90	190/135/120/100	230/175/131/100
Heating - l / Sec (H/M/L/SL)	180/141/110/95	220/160/135/101	260/225/131/110
Energy Efficiency			
TCSP Cooling (MIX)	6.52	6.57	5.17
THSP Heating (MIX)	5.22	5.25	4.47
Star Rating Cooling (Hot Zone)	5.5	5.5	3.5
Star Rating Heating (Hot Zone)	4.0	4.0	3.0
Star Rating Cooling (MixedZone)	5.0	5.0	3.5
Star Rating Heating (Mixed Zone)	3.5	3.5	2.5
Star Rating Cooling (Cold Zone)	5.0	5.0	3.5
Star Rating Heating (Cold Zone)	3.0	3.0	2.0
Sound Levels (dB(A))			
Indoor Unit (Sound Pressure)			
Cooling - Hi / Med / Lo / Sleep	40/33/24/22	43/36/29/24	46/38/31/28
Heating - Hi / Med / Lo / Sleep	41/33/24/20	44/36/29/22	46/38/31/26
Outdoor Unit			
Cooling / Heating (Sound Pressure)	47/-	48/-	50/-
Sound Power	60	61	63
Dimensions (mm)			
Indoor (W x H x D)	997 x 294 x 294	997 x 294 x 294	997 x 294 x 294
Outdoor (W x H x D)	792 x 600 x 299	792 x 600 x 299	800 x 736 x 350
Weights (kg)			
Indoor / Outdoor	13.5 / 37.5	13.5 / 37.5	13.5 / 51.7
Operating Range			
Outdoor Op. Temp. (Cooling)	-10°C to 46°C	-10°C to 46°C	-10°C to 46°C
Outdoor Op. Temp. (Heating)	-15°C to 24°C	-15°C to 24°C	-15°C to 24°C
Refrigerant Type	R32		
Pipe Sizes (mm)			
Refig pre charge length (m)	20	20	30
Min / Max Pipe Length / Lift (m)	3 / 20 / 10	3 / 20 / 10	3 / 30 / 10
Power			
Power Supply	230 - 240 Volt / 50 Hz / 1 Phase		
Rated Power Input - Cooling (kW)	0.48	0.75	1.32
Power Input Range - Cooling (kW)	0.25 ~ 1.0	0.25 ~ 1.4	0.30 ~ 2.1
Rated Power Input - Heating (kW)	0.62	0.88	1.39
Power Input Range - Heating (kW)	0.25 ~ 1.5	0.25 ~ 2.0	0.30 ~ 2.7
Running current (C / H) (Rated Amps)	3.10 / 4.42	3.71 / 4.50	5.74 / 6.04