E Series - Tech Data

MODEL						
Indoor Outdoor	RAS-E25YHAB RAC-E25YHAB	RAS-E35YHAB RAC-E35YHAB	RAS-E50YHAB RAC-E50YHAB	RAS-E60YHAB RAC-E60YHAB	RAS-E70YHAB RAC-E70YHAB	RAS-E80YHAB RAC-E80YHAB
Capacity kW						
Nominal Cooling	2.5	3.5	5.0	6.0	7.0	8.0
Nominal Heating	3.2	4.0	5.3	7.0	8.0	9.0
Capacity (Range) kW						
Cooling	1.0 - 3.2	1.0 - 4.0	1.0 - 5.5	1.2 - 6.5	1.5 - 8.0	1.5 - 8.5
Heating	1.0 - 4.5	1.0 - 5.0	1.2 - 6.5	1.2 - 8.0	1.5 - 8.5	1.5 - 9.5
Air Flow l/sec						
High Cooling	142	189	210	250	320	340
High Heating	158	217	238	250	330	350
Energy Efficiency						
EER	4.55	3.85	3.62	3.33	3.41	3.27
COP	4.71	4.30	3.90	3.83	4.04	3.80
Sound Levels (dB(A))						
Indoor Unit (Sound Pressure)						
Cooling - Hi / Med / Lo / Sleep	40 / 33 / 24 / 22	43 / 36 / 26 / 25	47 / 39 / 33 / 26	49 / 42 / 33 / 30	49 / 44 / 39 / 33	50 / 44 / 39 / 33
Heating - Hi / Med / Lo / Sleep	41 / 34 / 23 / 20	44 / 36 / 27 / 26	47 / 39 / 33 / 26	49 / 42 / 34 / 33	49 / 44 / 39 / 33	49 / 44 / 39 / 33
Outdoor Unit						
Cooling / Heating (Sound Pressure)	46 / 47	47 / 48	50 / 52	50 / 53	51 / 53	52 / 54
Sound Power	60	61	63	63	64	65
Dimensions (mm)						
Indoor (W x H x D)	780 x 280 x 230	780 x 280 x 230	780 x 280 x 230	900 x 300 x 230	1100 x 300 x 260	1100 x 300 x 260
Outdoor (W x H x D)	750 x 548 x 288	750 x 548 x 288	792 x 600 x 299	850 x 750 x 298	850 x 800 x 298	850 x 800 x 298
Weights (kg)						
Indoor / Outdoor	8.5 / 34	8.5 / 34	8.5 / 39.5	11.5 / 50	15 / 52	15 / 52
Operating Range						
Outdoor Op. Temp. (Cooling)	-10°C to 46°C	-10°C to 46°C	-10°C to 46°C	-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	-15°C to 24°C	-15°C to 24°C	-15°C to 24°C
Refrigerant Type	R32					
Pipe Sizes (mm)	Ø6.35 / Ø9.52	Ø6.35 / Ø9.52	Ø6.35 / Ø12.7	Ø6.35 / Ø12.7	Ø6.35 / Ø15.88	Ø6.35 / Ø15.88
Refig pre charge length (m)	20	20	30	30	30	30
Min / Max Pipe Length / Lift (m)	3 / 20 / 10	3 / 20 / 10	3 / 30 / 10	3 / 30 / 20	3 / 30 / 20	3 / 30 / 20
Condensate Drain (mm (OD))	16					
Power						
Power Supply	230 - 240 Volt / 50 Hz / 1 Phase					
Rated Power Input - Cooling (kW)	0.55	0.91	1.38	1.80	2.05	2.45
Power Input Range - Cooling (kW)	0.25 ~ 1.29	0.25 ~ 1.46	0.5 ~ 2.1	0.3 ~ 2.6	0.3 ~ 2.7	0.3 ~ 2.7
Rated Power Input - Heating (kW)	0.68	0.93	1.36	1.83	1.98	2.37
Power Input Range - Heating (kW)	0.25 ~ 1.25	0.25 ~ 1.7	0.5 ~ 2.75	0.3 ~ 2.65	0.5 ~ 2.8	0.5 ~ 2.8
Running Current (C / H) (Amps)	1.04-5.86/1.04-5.68	1.04-6.63/1.04-7.73	2.10-11.19 / 2.27-9.67	2.31-8.55/1.67-9.66	2.50-9.79 / 2.19-10.72	2.50-9.79 / 2.19-10.72
Max Current (Amps)	7.0	8.1	10.5	10.5	12	12
Power supply To	Outdoor Unit					
Interconnecting Wire	3 Core + E					

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.