



TECHNICAL SPECIFICATIONS

COOLING	Design Conditions			
	Ambient		Return air	
Location	DB°C	WB°C	DB°C	RH
AS1861	35	24	27	47%
SYDNEY	30.5	23	25	50%
MELBOURNE	34.5	21	25	44%
BRISBANE	31	25	25	56%
CANBERRA	34	21	25	44%
ADELAIDE	36	21	25	50%
PERTH	36	24	25	50%
HOBART	26	19	25	44%
HEATING				
AS1861	8.3	6.1	21	50%

* For performance at other design conditions contact Eco Air.

Compressor	Output kW(Nominal)	
	R22	
	R407C	
	Input kW	
	R22	
	R407C	
	Volts/freq/phase	
	Qty	

Supply air	Fan type	
	Drive	
	Airflow l/s (@ STD Air	
	Available Static	
	Motor kW(nominal)	
	Volts/freq/phase	

Return Air	Fan	
	Airflow l/s (@ STD Air	
	Available Static	
	Motor kW(nominal)	
	Volts/freq/phase	

Evaporator coil	Face area (m ²)	
	Rows/FPI	
	Type/Construction	

Water Pump	Capacity l/min	
	kW	
	FLA	

Refrigeration	Refrigerant	
	Stages	
	HP cut out (kPa)	
	LP cut out (kPa)	

Electrical	FLA
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Construction	Insulation	
	Casing	
	Weight (kg)	
	Width (mm)	
	Length (mm)*	
	Height (mm)	

* Excludes Lugs and Hoods

Controls**	Stages cooling	
	Stages heating	

** Recommended thermostat controls are available as optional extra

MEPS	MEPS REGISTRATION
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Model							
kW TOTAL CAPACITY (ROOM COOLING EFFECT)							
EA1000		EA1200		EA1400		EA1600	
41.0 (19.3)		49.1 (23.1)		57.3 (27.0)		65.5 (30.8)	
38.1 (17.1)		45.7 (20.5)		53.3 (23.9)		60.9 (27.3)	
39.1 (23.6)		46.9 (28.3)		54.7 (33.0)		62.6 (37.7)	
39.6 (12.8)		47.5 (15.3)		55.4 (17.9)		63.4 (20.4)	
39.0 (23.5)		46.7 (28.1)		54.5 (32.8)		62.3 (37.5)	
40.1 (25.0)		48.1 (30.0)		56.1 (35.0)		64.2 (40.0)	
42.5 (17.0)		51.0 (20.4)		59.5 (23.8)		68.0 (27.2)	
32.2 (24.6)		38.6 (29.5)		45.1 (34.4)		51.5 (39.4)	
37.6	22.2	45.1	26.6	52.6	31.1	60.2	35.5

26.7	2x14.9	2x17.7	2x19.9
26.0	2x14.9	2x17.4	2x19.7
7.8	2x4.4	2x5.2	2x5.8
7.9	2x4.4	2x5.4	2x6.2
415/50/3	415/50/3	415/50/3	415/50/3
1	2	2	2

12/12 FC	12/12 FC	12/12 FC	12/12 FC
Belt	Belt	Belt	Belt
1000	1200	1400	1600
200	200	200	200
1.1	1.1	1.5	1.5
415/50/3	415/50/3	415/50/3	415/50/3

12/12 FC	12/12 FC	12/12 FC	12/12 FC
900	1080	1260	1440
200	200	200	170
1.1	1.1	1.5	1.5
415/50/3	415/50/3	415/50/3	415/50/3

0.803	0.803	0.803	0.803
3/12	3/12	4/12	4/12
Rifle bore tube, Louvred fin, Kirby coated coil			

19	19	19	19
0.1	0.1	0.1	0.1
0.5	0.5	0.5	0.5

R22/R407C	R22/R407C	R22/R407C	R22/R407C
2	2	2	2
2800	2800	2800	2800
68	68	68	68

19	22	25	30
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25mm Polystyrene with metal skin			
Powder coated galvabond steel			
770	805	820	825
1465	1465	1465	1465
2986	2986	2986	2986
1588	1588	1588	1588

2	3	3	3
1	2	2	2

NAC2063	NAC2109	NAC2110	NAC2111
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