



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.

Model			
KW TOTAL CAPACITY (ROOM COOLING EFFECT)			
EA3000		EA3500	
122.9	(57.8)	143.3	(67.4)
114.2	(51.2)	133.2	(59.7)
117.3	(70.7)	136.9	(82.4)
118.8	(38.3)	138.6	(44.6)
116.9	(70.4)	136.3	(82.1)
120.3	(75.0)	140.4	(87.5)
127.5	(51.0)	148.8	(59.5)
96.6	(73.8)	112.7	(86.1)
112.8	66.6	131.6	77.7

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

2x34.8	2x46.0
N/A	2x46.9
2x10.2	2x13.6
N/A	2x14.9
415/50/3	415/50/3
2	2

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

15/15 FC	15/15 FC
Belt	Belt
3000	3500
200	200
4	5.5
415/50/3	415/50/3

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

15/15 FC	15/15 FC
2700	3125
180	165
4	5.5
415/50/3	415/50/3

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

1.612	1.612
4/12	4/12
Rifle bore tube, Louvred fin, Kirby coated coil	

Water Pump	Capacity l/min	
	kW	
	FLA	

35	35
0.2	0.2
1.0	1.0

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

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

Electrical	FLA	
------------	-----	--

54	69
----	----

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

* Excludes Lugs and Hoods

25mm Polystyrene with metal skin	
Powder coated galvabond steel	
1550	1600
2500	2500
2986	2986
1612	1612

Controls**	Stages cooling	
	Stages heating	

3	3
2	2

** Recommended thermostat controls are available as optional extra