



## DOUBLE SKIN AIR HANDLING UNIT QUICK SELECTION CHART

Model	Coil Tubes High Fan Size	Coil Size mm		Airflow L/s	Coil Face Velocity m/s	Discharge Velocity m/s	Nominal Total kW	Approx Weight kg
		Height	Length					
SA-048	6	247	880	391	1.8	5.78	14	350
	200			434	2	6.42		
				488	2.25	7.23		
543	2.5	8.03						
SA-096	12	489	880	775	1.8	5.85	28	400
	250			861	2	6.50		
				969	2.25	7.31		
1,077	2.5	8.13						
SA-140	17	692	880	1,096	1.8	6.58	39	450
	315			1,217	2	7.31		
				1,369	2.25	8.23		
1,522	2.5	9.14						
SA-210	16	651	1420	1,664	1.8	6.40	59	560
	400			1,849	2	7.11		
				2,081	2.25	8.00		
2,312	2.5	8.89						
SA-290	22	894	1420	2,285	1.8	6.98	81	700
	450			2,539	2	7.76		
				2,856	2.25	8.73		
3,173	2.5	9.70						
SA-410	22	894	2030	3,266	1.8	7.92	116	925
	500			3,629	2	8.81		
				4,083	2.25	9.91		
4,537	2.5	11.01						
SA-480	26	1056	2030	3,858	1.8	7.48	137	1150
	560			4,286	2	8.31		
				4,822	2.25	9.35		
5,358	2.5	10.39						

### NOTES

- Coil sizes and airflow based on coils with 5/8 inch tubes.
- Cooling capacities are nominal and are for a six row cooling coil.
- The fan size nominated are only provided as a guide and will be specifically selected to meet the system and specification requirements.
- The weights shown are shipping weights and are for an AHU with a six row cooling coil and one row heating coil, excluding filter/mixing section.
- Different coil sizes, motor sizes and fans will affect the AHU weight.
- AHUs can be manufactured to meet different spatial and duty requirements.



32 Spencer St, Cockburn Central WA 6164  
 PO Box 3697, Success 6964  
 ABN: 49 009 341 262  
 Tel. (08) 9314 3844

Web: [www.airskill.com.au](http://www.airskill.com.au)  
 Email: [airskill@airskill.com.au](mailto:airskill@airskill.com.au)



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	Fan Size	Height x Length						
SA-660	28	1137	2600	5,319	1.8	6.60	189	1350
				5,910	2	7.33		
	710			<b>6,649</b>	2.25	8.25		
				7,388	2.5	9.16		
SA-820	28	1137	3200	6,547	1.8	6.47	233	1575
				7,274	2	7.19		
	800			<b>8,184</b>	2.25	8.09		
				9,093	2.5	8.98		
SA-1050	18	732	3200	8,434	1.8	6.60	300	1750
				9,371	2	7.34		
	900	(2 off)		<b>10,542</b>	2.25	8.26		
				11,714	2.5	9.17		
SA-1290	22	894	3200	10,298	1.8	6.43	366	2050
				11,442	2	7.14		
	1000	(2 off)		<b>12,872</b>	2.25	8.03		
				14,302	2.5	8.92		
SA-1520	26	1056	3200	12,162	1.8	7.59	432	2300
				13,513	2	8.43		
	1000	(2 off)		<b>15,202</b>	2.25	9.48		
				16,891	2.5	10.54		
SA-1805	26	1056	3800	14,442	1.8	7.14	513	2800
				16,047	2	7.94		
	1120	(2 off)		<b>18,052</b>	2.25	8.93		
				20,058	2.5	9.92		
SA-2080	30	1218	3800	16,655	1.8	7.17	592	3000
				18,506	2	7.97		
	1250	(2 off)		<b>20,819</b>	2.25	8.96		
				23,133	2.5	9.96		

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Model	Coil Tubes High	Coil Size mm		Airflow L/s	Coil Face Velocity m/s	Discharge Velocity m/s	Nominal Total kW	Approx Weight kg
	Fan Size	Height x Length						
SA-2400	26	1056	3440	19,611	1.8	8.44	697	3650
	1250	(3 off)		21,790	2	9.38		
				<b>24,513</b>	2.25	10.55		
			27,237	2.5	11.73			
SA-3100	26	1056	4350	24,798	1.8	7.71	881	5000
	1400	(6 off)		27,554	2	8.56		
				<b>30,998</b>	2.25	9.63		
			34,442	2.5	10.70			
SA-3600	24	975	2800	29,478	1.8	7.29	1047	5500
	1120 (2 off)	(6 off)		32,753	2	8.10		
				<b>36,847</b>	2.25	9.11		
			40,942	2.5	10.12			
SA-4100	27	1096	2800	33,148	1.8	7.14	1177	6000
	1250 (2 off)	(6 off)		36,831	2	7.93		
				<b>41,434</b>	2.25	8.92		
			46,038	2.5	9.91			
SA-4600	27	1096	3100	36,699	1.8	7.90	1304	7000
	1250 (2 off)	(6 off)		40,777	2	8.78		
				<b>45,874</b>	2.25	9.88		
			50,971	2.5	10.97			
SA-5100	27	1096	3450	40,843	1.8	8.79	1451	7500
	1250 (2 off)	(6 off)		45,381	2	9.77		
				<b>51,053</b>	2.25	10.99		
			56,726	2.5	12.21			

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