

## ADD ON COOLING

Get the most out  
of your heating  
system...



ADD ON COOLING IS THE ADDITION  
OF A REFRIGERATED COOLING  
ONLY UNIT CONNECTED TO YOUR  
EXISTING GAS DUCTED CENTRAL  
HEATING SYSTEM.



**ACCENT  
AIR**

MANUFACTURERS OF AIR CONDITIONERS & POOL HEATING

# Proudly Australian Made and Owned

Accent Add On Cooling system is a high-tech piece of equipment, that you can purchase with total peace of mind as to the quality of manufacture, design excellence and ongoing support. No one meets these benchmarks like Accent. Accent Air is proudly Australian Made and Owned.

Accent Air Add On System will suit most gas ducted heaters. Once installed, the system operates as a split ducted air conditioning system but without the added cost of duplicated ductwork.

You require more cool air to cool an area than hot air to heat the same area, therefore your ductwork for Add On Cooling systems needs to be larger than for gas heating. Refer to your Accent Air Conditioning Specialist to customise your system.

Accent Units are built to last. Add On Cooling consists of two units:

- > **INDOOR UNIT** has an additional safety tray to protect against water leakage.
- > **OUTDOOR UNIT** consists of a BHP polyester powder coated body, stainless steel fittings, fully insulated compressor compartment, scroll compressor and a unique louvre coil guard to protect against hail and harsh UV rays.



## ACCENT ADD ON COOLING SPECIFICATION DATA

### SINGLE PHASE

### THREE PHASE

MODEL	AAO8	AAO9.5	AAO11	AAO13	AAO16	AAO17.5	AAO14	AAO15	AAO16.5	AAO18	AAO20	AAO22	AAO25	AAO27	
H.P	2.75	3.2	3.8	4.4	5.75	6.0	4.4	5.0	5.75	6.3	7.0	7.5	8.5	9.0	
Nominal Cooling (kW) <sup>1)</sup>	8.0	9.6	11.1	13.0	16.0	18.3	13.2	15.5	16.5	18.3	19.8	21.6	25.1	26.9	
Nett Cooling Capacity (kW) <sup>2)</sup>	7.1	8.45	9.7	12.18	15.0	15.96	13.12	13.7	14.09	16.0	17.3	19.38	22.01	24.7	
Designed Air Flow (nominal) (l/s)	520	550	590	700	900	1000	750	850	900	1000	1100	1270	1480	1500	
<b>ELECTRICAL DATA</b>		<b>SINGLE PHASE</b>					<b>THREE PHASE</b>								
Power Supply	240 Volts ~ 1 Phase ~ 50Hz						415 Volts ~ 3 Phase ~ 50Hz								
Nom. Full Load (Amps) <sup>3)</sup>	15	16	18	20	25	27	10	11	12.3	12	13.5	16	18	21	
Min. Circuit Size (Amps)	25	25	32	32	40	40	20	20	20	20	20	25	25	32	
Electrical Input Cooling(kW) <sup>2)</sup>	2.17	2.65	3.11	3.61	4.66	5.1	4.28	4.38	4.4	5.1	5.3	6.18	6.82	7.82	
<b>TECHNICAL DATA</b>															
System Charge <sup>4)</sup> (kg)	3.0	3.0	3.0	4.0	4.5	4.5	4.0	4.0	4.5	4.5	5.5	5.5	6.0	6.0	
Liquid Line (mm) <sup>5)</sup>	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	12.7	12.7	12.7	
Suction Line (mm) <sup>5)</sup>	15.9	19.1	19.1	19.1	19.1	22.2	19.1	19.1	19.1	22.2	22.2	22.2	28.6	28.6	
Sound Pressure dB(A)	51	51	52	49	50	51	49	51	52	52	52	54	60	62	
<b>DIMENSIONS (MM)</b>															
Outdoor Unit	Length	1000			1150			1150			1450			1650	
	Width	400			565			565			560			583	
	Height	800			960			960			960			1045	
Weight (kg)	88	89	90	98.5	115	121	103.5	110	110	115	130	150	165.5	170.5	
Indoor Unit	Length	840			1175			1175			1400				
	Width	340			340			340			340				
	Height	400			400			400			450			475	
Weight (kg)	21.5	21.5	21.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	31.5	43	45.50	45.50	
Supply Air Size (mm) L x H	660 x 340			1000 x 340			1000 x 340			1200 x 400					
Return Air Size (mm) L x H	660 x 340			1000 x 340			1000 x 340			1200 x 400					

Information on this table may be subject to change without notice. Please consult Accent Air.

#### DESIGN CONDITIONS

Cooling 35°C DB Outdoor / 27°C DB, 19°C WB Air Entering Indoor Unit

Sound pressure level is influenced by the surroundings; therefore it may vary upon location.

Single Phase units may require a soft starter, please check with your local energy supplier.

<sup>1)</sup> Nominal kW related to the compressor capacity

<sup>2)</sup> Net Capacities are based on A.S.3823.1.2

<sup>3)</sup> Full Load Amps taken from Highest Phase

<sup>4)</sup> System is charged up to 12m with R22

<sup>5)</sup> Maximum pipe run 40m



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