

E3 DIGITAL TECHNOLOGY

ENERGY | EFFICIENT | EQUIPMENT

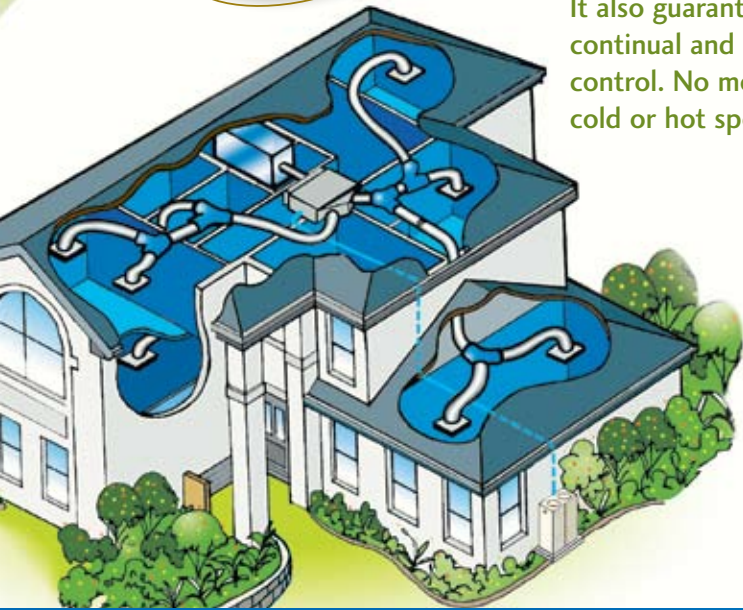


REDUCE ENERGY
USE AND
ENHANCE YOUR
ENVIRONMENT



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E3 Digital Technology is Accent Air's innovative response to helping our limited energy resources. Delivering consistent and stable air conditioning to Australian homes and work places.

The E3 Digital Technology is designed, engineered and proudly Australian made. The digital system saves valuable energy - thus placing less strain on our natural resources. It also guarantees Australian homes continual and regulated climate control. No more uncomfortable cold or hot spots!

The advantage of E3 Digital Technology over inverter systems is that while inverter units use a step and rest method to reach target temperature, E3 Digital Technology continually self regulates. It will even pre-empt a shift in temperature and immediately adjust itself to maintain a constant temperature.

HOW DOES E3 WORK?

E3 Digital Technology has the ability to self regulate and control the amount of power needed to maintain the temperature and keep it at a consistent level.

Conventional air conditioners cycle off and start back up again, consuming large amounts of power and placing unnecessary strain on the system's parts. The E3 Digital Compressor seamlessly controls the right amount of heating or cooling to regulate the area.

SET TEMPERATURE ZONES

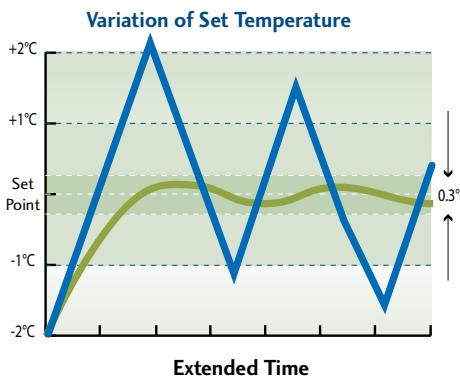
The E3 Digital Technology can be set to zones in your home or work place, and can be regulated simply with the touch of a button. Energy saving, efficient Australian engineering... total air conditioned comfort!



Reduce energy use and enhance your environment

E3 DIGITAL TECHNOLOGY BENEFITS + FEATURES

- **Saves energy** – maintaining a regular temperature results in less energy consumed.
- **Cheaper to run** – less energy requires less money to operate.
- **Reduced maintenance** – less stopping and starting means less wear and tear on the system.
- **Easy to use** – Rheem Digital Scroll Technology does all of the work for you, just set the temperature.
- **Queensland High Efficiency Compliant** – This is a new requirement by the Queensland Government that all equipment must meet high efficiency levels (beyond MEPS) for Queensland. - It is an initiative from the Queensland Sustainable Housing Initiative.
- **Stable performance** – Rheem Digital Scroll Technology provides more consistent temperature control.
- **Enhances living** – the digital unit controls your entire house or workspace from the wall mounted control panel.



TOTAL CLIMATE CONTROL

E3 Digital Technology maintains the target temperature to within 0.3°C of the set point. Other systems will overshoot the desired temperature then cycle off, waiting for the temperature to drop or rise before starting up again. This variance is eliminated with the **E3 Digital System**.

Not only does it administer just the right amount of power to regulate the temperature, it can even predict how fast the temperature will rise and fall, and thus predict adjustments it may need to make. Consistent, efficient, and clever!

E3 Digital Technology provides constant dehumidification even at low speeds, achieving better comfort levels faster and with less energy.

"Accent Air is committed to helping our environment with superior technology and innovative design solutions"



Pictured Right: Your house can be air conditioned throughout with our easy to use E3 control units. With Accent Air systems, you are in complete control.



5 Year Parts and Labour Warranty

Your Accent Air system has been designed and manufactured in Australia, and rigorously tested for outstanding performance. All our domestic systems carry a full 5 year parts and labour warranty from the initial date of purchase.*



To ensure we service all our customers a network of Accent Air service agents has been established across Australia. * Conditions apply

ACCENT AIR AGMA DIGITAL SPECIFICATION DATA

	SINGLE PHASE			THREE PHASE				
SYSTEM MODEL	AGMA0130SA1	AGMA0185SA1	AGMA0140TA1	AGMA0165TA1	AGMA0190TA1	AGMA0210TA1	AGMA0230TA1	
OUTDOOR MODEL	AGMC0130SA1	AGMC0185SA1	AGMC0140TA1	AGMC0165TA1	AGMC0190TA1	AGMC0210TA1	AGMC0230TA1	
INDOOR MODEL	AGMF0130SA1	AGMF0185SA1	AGMF0140TA1	AGMF0165TA1	AGMF0190TA1	AGMF0210TA1	AGMF0230TA1	
Nett Cooling Capacity (kW) ^{1) 3)}	13.44 (1.34-13.44)	18.66 (1.86-18.66)	13.83 (1.38-15.83)	16.48 (1.64-16.48)	18.85 (1.85-18.85)	20.97 (2.09-20.97)	23.14 (2.31-21.34)	
Nett Heating Capacity (kW) ^{1) 3)}	14.04 (1.40 - 14.04)	18.78 (1.87-18.76)	14.10 (1.41-14.10)	16.94 (1.69-16.94)	18.97 (1.89-18.97)	20.54 (2.05-20.54)	23.41 (2.34-23.41)	
Air Flow High (l/s)	700	1100	700	1000	1100	1480	1480	
Air Flow Low (l/s)	550	800	550	700	800	1100	1100	
ELECTRICAL DATA	SINGLE PHASE			THREE PHASE				
Power Supply	240 Volts ~ 1 Phase ~ 50Hz			415 Volts ~ 3 Phase ~ 50Hz				
Nom. Full Load Amps ²⁾	25.38	33.88	12.58	15.98	17.48	17.88	20.08	
Min. Circuit Size (Amps)	32	40	20	20	25	25	25	
Electrical Input Cooling (kW)	4.6	6.25	4.7	5.62	6.09	6.66	7.59	
EER Cooling	2.92	2.99	2.94	2.93	3.10	3.15	3.05	
Star rating cooling	4	4	4	4	4.5	4.5	4.5	
Electrical Input Heating (kW)	4.29	5.45	4.15	5.15	5.29	5.55	6.33	
COP Heating	3.27	3.45	3.40	3.29	3.59	3.7	3.70	
Star rating Heating	4	4.5	4.5	4	5	5.5	5.5	
Refrigerant	R410a	R410a	R410a	R410a	R410a	R410a	R410a	
Sound Pressure dB(A) @ 3 metres	52	52	52	52	52	60	60	
DIMENSIONS (MM)								
Outdoor Unit	Length	1390	1485	1390	1485	1485	1785	
	Width	570	613	570	613	613	615	
	Height	980	990	980	990	990	1091	
Weight (kg)		126	150	126	146	150	195	
	Indoor Unit	Length	1275		1275	1275	1400	1400
	Width	580		580		670	670	
Weight (kg)	Height	400		400	400	475	475	
		47	54	47	52	54	69	
Supply Air Size (mm) L x H	710 * 300		710 * 300	710 * 300	710 * 300	830 * 300	830 * 300	
Supply air spigot size	2 x 355 mm (14")		2 x 355 mm (14")		2 x 406 mm (16")		2 x 406 mm (16")	
Return Air Size (mm) L x H	1100 * 340		1100 * 340	1100 * 340	1100 * 340	1200 * 400	1200 * 400	
Return air spigot size	2 x 355 mm (14")	2 x 406 mm (16")	2 x 355 mm (14")		2 x 406 mm (16")	2 x 406 mm (16")		
Suction line pipe size under 20 metres	19.05mm x 1.22mm wall	22.22mm x 1.63mm wall	19.05mm x 1.22mm wall	19.05mm x 1.22mm wall	22.22mm x 1.63mm wall	22.22mm x 1.63mm wall	22.22mm x 1.63mm wall	
Suction line pipe size over 20-40 (max) metres	19.05mm x 1.22mm wall	22.22mm x 1.63mm wall	19.05mm x 1.22mm wall	19.05mm x 1.22mm wall	22.22mm x 1.63mm wall	25.4mm x 1.63mm wall	25.4mm x 1.63mm wall	
Liquid line pipe size under 20 metres	9.53mm x 0.91mm wall	12.7mm x 0.91mm wall	9.53mm x 0.91mm wall	9.53mm x 0.91mm wall	12.7mm x 0.91mm wall	12.7mm x 0.91mm wall	12.7mm x 0.91mm wall	
Liquid line pipe size over 20-40 (max) metres	9.53mm x 0.91mm wall	12.7mm x 0.91mm wall	9.53mm x 0.91mm wall	12.7mm x 0.91mm wall	12.7mm x 0.91mm wall	12.7mm x 0.91mm wall	12.7mm x 0.91mm wall	
MEP's Compliant	✓	✓	✓	✓	✓	✓	✓	
Queensland Compliant	✓	✓	✓	✓	✓	✓	✓	

Any 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

Heating 7°C DB, 6°C WB Outdoor / 21°C DB Air Entering Indoor Unit

Operating Range -5°C DB to 46°C DB. Higher ambient models available on request.

Sound pressure level is influenced by the surroundings, and may vary due to installed location. All Single Phase units are fitted with a soft starter.

¹⁾ Net Capacities are based on A.S.3823.1.2

²⁾ Full Load Amps taken from Highest Phase

³⁾ Digital compressors have the capacity to operate at 10% loading.

Actual percentage loading will vary depending on application.



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AUTHORISED DEALER



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EMC Compliant