

# Harness the power of

# Braemar

By SEELEY INTERNATIONAL 

## Ducted reverse cycle air conditioning

100%  
Australian  
owned!

Whole of  
home  
solution

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brochure



Enjoy ultimate year-round whole of home comfort with a Braemar ducted reverse cycle system. With advanced inverter technology, this system delivers faster heating and cooling and significant energy savings on every bill.



### Low running costs

Inverter technology and high energy efficiency results in significant savings.



### Black fin

The highest-rated and most corrosion resistant protective coating, enhancing longevity against the harsh Australian elements.



### Quality

80 year history of Braemar excellence and reliability!



### Wider operating temperatures

Suitable for any climate.



### R32 Refrigerant

68% lower Global Warming Potential and more energy efficient than R410A.



### Warranty

Quality that lasts.  
5 year comprehensive warranty.



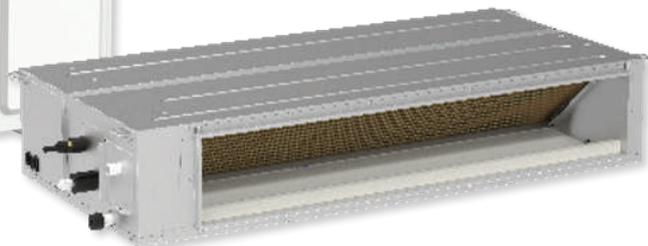
### Wi-Fi control

Included with standard controller. Upgrade available with the Zone Controller.<sup>1</sup>



### Easy and flexible installation

Compact and adaptable room positioning allows for flexible installation choices. Indoor unit is splittable 12, 14 & 16kW.



### Zone controller for ducted reverse cycle systems

Designed to bring comfort at your fingertips, upgrading to a Braemar Zone Controller offers a modern, sleek touch screen interface that will blend seamlessly into the décor of your home.



# Braemar ducted reverse cycle technical specifications

## Single phase

Model		Outdoor	KCHA070D1B	KCHA100D1B	KCHA125D1B	KCHA140D1B	KCHA160D1B	
		Indoor	KDHA070D1S	KDHA100D1S	KDHA125D1S	KDHA140D1S	KDHA160D1S	
Cooling Capacity		kW	7.1	10.0	12.5	14.0	16.0	
Cooling Capacity Range (Min ~ Max)		kW	2.4 ~ 7.8	3.0 ~ 11.7	3.6 ~ 14.0	4.2 ~ 16.0	4.8 ~ 18.0	
Heating Capacity		kW	8.0	12.0	14.0	16.0	18.0	
Heating Capacity Range (Min ~ Max)		kW	2.2 ~ 8.8	3.6 ~ 13.5	4.2 ~ 15.0	4.8 ~ 17.0	5.4 ~ 20.0	
ZERL Star Rating <sup>2</sup> (Hot / Average / Cold)	Cooling	-	3.5 / 3.5 / 3.5	4.0 / 3.5 / 4.0		3.5 / 3.0 / 3.0	3.5 / 3.0 / 3.5	
	Heating	-	3.5 / 2.5 / 2.0	3.0 / 2.5 / 2.0	3.5 / 2.5 / 2.0	3.0 / 2.5 / 2.0	3.5 / 2.5 / 2.0	
AEER		W/W	3.56	3.69	3.38	3.53	3.31	
ACOP		W/W	3.95	3.98	3.79	3.77	3.84	
Electrical Data	Power Supply		V / Hz / Ph	230 / 50 / 1				
	Power Input (Nominal)	Cooling	kW	1.97	2.70	3.68	3.92	4.80
		Heating	kW	2.00	3.00	3.68	4.20	4.65
	Maximum Current Input		A	12.5	20.0	25.0	28.0	32.0
Minimum Circuit Breaker Outdoor		A	20	32		40		
Indoor Unit	Airflow (Max)		l/s (m <sup>3</sup> /h)	417 (1500)	583 (2100)	778 (2800)	889 (3200)	972 (3500)
	ESP Nominal Range		Pa	0 ~ 160		0 ~ 200		
	Sound Pressure Level (Max)		dB(A)	43	42		45	50
	Outline Dimension (W x D x H)		mm	900 x 655 x 260	1340 x 655 x 260	1350 x 720 x 360		
	Net Weight		kg	30	43	57	60	
Supply Air Outlet	Height	mm	215		190			
	Width	mm	740	1153	850			
Return Air Inlet	Height	mm	234	220	326			
	Width	mm	871	1188	1170			
Outdoor Unit	Sound Pressure Level (Max)		dB(A)	57	58	59		60
	Outline Dimension (W x D x H)		mm	889 x 340 x 660	940 x 370 x 820		900 x 340 x 1260	
	Net Weight		kg	42	67		90	97
	Number of Fans		QTY	1			2	
Refrigerant R32	Pre-Charge Length		m	15				
	Additional Charge		g/m	16	25		35	
Pipe	Outer Diameter	Liquid Pipe	mm (Inch)	Ø9.52 (3/8)				
		Gas Pipe	mm (Inch)	Ø15.88 (5/8)				
	Max Distance	Height	m	20	30			
		Length	m	30	75			
Ambient Temperature Operating Range	Cooling	°C	-15 ~ 52					
	Heating	°C	-15 ~ 24					

1. Wi-Fi module required and sold separately.

2. The Braemar ducted range utilises the Zoned Energy Rating Label. Refer to the full brochure for more information, or visit: [seeleyinternational.com/seeley-learning-centre/zerl/](http://seeleyinternational.com/seeley-learning-centre/zerl/)  
Information in this flyer was correct at the time of preparation.

Cat No M488 REV B DEALER (0825)

Notes: