

DUCTED REVERSE CYCLE **SYSTEMS**



brivis

*Australia's favourite
climate systems*

 **GWA**
Smarter Solutions

Ultimate in Total Comfort

Brivis Ducted Reverse Cycle (DRC) air conditioning gives you total climate control and comfort with the convenience and flexibility to cool and heat your home just how you like it, all year round.

At Brivis we understand the long-term investment of purchasing ducted air conditioning; buying Brivis will give you years of comfort for you and your family. You can depend on your Brivis Dealer to give you the best, most suitable system for your home.

Energy Efficient and Superior Design

Brivis DRC air conditioning can be more than three times more energy efficient than conventional electric heating. So not only will you have year round comfort, but it's cost effective too.

Brivis advanced computer design technology ensures each system component is perfectly matched for optimum performance and energy efficiency.

Summer Cool and Winter Warmth

Brivis DRC systems provide cooling, dehumidification and heating while filtering the air. This creates the perfect indoor climate year round. You can be warm and snug in winter and delightfully cool in summer.

The DRC system draws air through the return air grille. The air is filtered and then passed through a refrigeration coil, which either heats or cools the air. The conditioned air is transferred into the ducting and out through streamlined grilles to your rooms.

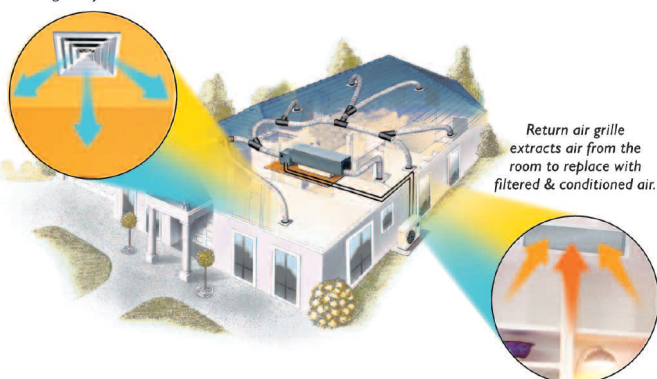
During summer, the heat from the air inside your home is absorbed and dissipated outside. The dehumidification effect reduces the moisture content in the air for even greater relief on those hot and sticky days.

Whole of Home Cooling or Zoned

A Brivis DRC System can be used to heat or cool your entire home all year round.

It is also possible to zone your home for example, into separate day and night areas. This would allow you to air condition the living areas during the day and the sleeping areas at night. Your Brivis Dealer can help you select a Brivis DRC system to best suit your needs.

Streamlined ceiling diffusers distribute the cooled or heated air throughout your home.



Return air grille extracts air from the room to replace with filtered & conditioned air.

Exceptional Service and Warranty

When you purchase Brivis you have the satisfaction of knowing you've purchased a premium quality Australian made product. All Brivis residential DRC systems carry a comprehensive 5 year parts and labour warranty.



Brivis also offers superior service and support with one of the largest service networks in Australia. So you can rest assured that your Brivis ducted air conditioning system will be serviced by factory trained and accredited service technicians for the life of your system, no matter where you are in Australia.



Brivis DRC Series

The Brivis DRC series is designed and built in Australia to withstand the extremes of the Australian climate. It will perform in places as varied as the snowfields in sub zero temperatures to the deserts at 50°C.

The Brivis DRC series is the result of over 30 years experience in design and testing air conditioning products in the Australian market. Our Australian factory is continually updating designs to incorporate the latest technology available using the finest materials. Australian design and manufacture means that Brivis products are made with Australian conditions in mind, so you can be sure you are buying the best, most suitable products, for your application.

The Brivis DRC series is a highly efficient range of air conditioners, meeting or exceeding the requirements of the relevant Australian Government Departments.

The Brivis DRC outdoor unit has been designed to minimise noise levels. The unit has acoustic options including an on-board Eco mode setting and an optional compressor hood that can reduce noise a further 1-2 dBA across the frequency range.

Brivis DRC Indoor Fan Coil Units provide the most comprehensive range of installation options. All indoor units feature high power fans that provide smooth, quiet operation with the extra capacity needed to provide distribution in larger style applications. Available in four physical configurations and two efficiency levels, they are suitable for virtually any application Australia-wide.

The four physical configurations are the XR, XR Vertical, Low Profile and Low Profile Splittable, giving you flexibility in the positioning of the unit, whether it be in the roof or under floor.

Selected models are also available with an Electronically Commutated Motor (ECM), a highly efficient device to further maximise energy efficiency levels.



DRC Condensing Unit

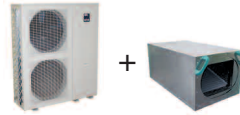


Low Profile Fan Coil Unit



XR Fan Coil Unit

System Specifications



System with XR Fan Coil Unit

Model No.	Outdoor Unit		DO-SR10A7	DO-SR10A9	DO-SR15A7	DO-SR15A9	DO-SR18A9
	Indoor Unit		DI-XR10A7	DI-XR10A7	DI-XR15A7	DI-XR15A7	DI-XR18A7
Total System Power Requirement		Phases	Single	Three	Single	Three	Three
Rated Capacity	Cooling	kW	9.0	9.0	14.0	14.2	16.5
	Heating	kW	9.6	9.7	15.8	15.6	18.4
Efficiency	Cooling	EER	2.90	2.94	2.79	2.85	2.75
	Heating	COP	3.44	3.41	3.46	3.50	3.49
Moisture Removal		L/h	2.25	2.19	4.89	5.06	5.58
Rated Airflow	Indoor	L/s	500	500	700	700	900
Airflow Range	Indoor	L/s	380 ~ 630	380 ~ 630	590 ~ 750	600 ~ 750	690 ~ 965
ESP Range	Indoor	Pa	120 ~ 300	120 ~ 300	120 ~ 230	120 ~ 230	120 ~ 285
Power Supply	Indoor	V - Ph - Hz	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50
Rated Load Current	Outdoor		10.99	5.15	18.48	8.71	10.21
	Indoor	AMPS	4.30	4.30	4.00	4.00	4.70
	System		15.29	9.45	22.48	12.71	14.91
Full Load Current	System	AMPS	25.59	13.27	32.24	20.24	20.94
Duct Connection Sizes - Round	Supply Air	mm	406	406	457	457	508
	Return Air	mm	406	406	457	457	508
Dimensions	Indoor	mm (HxWxD)	430 x 545 x 1100	430 x 545 x 1100	535 x 610 x 1190	535 x 610 x 1190	535 x 610 x 1190
Net Weight	Indoor	kg	40	40	53	53	57
Refrigeration Connection Pipe Sizes - Indoor Unit	Gas	mm - inches	19.10 ~ 3/4"	19.10 ~ 3/4"	28.60 ~ 1 1/8"	28.60 ~ 1 1/8"	28.60 ~ 1 1/8"
	Liquid	mm - inches	9.50 ~ 3/8"	9.50 ~ 3/8"	9.50 ~ 3/8"	9.50 ~ 3/8"	9.50 ~ 3/8"
Vertical Fan Coil Unit Configuration		Option	✓	✓	✓	✓	✓



System with Low Profile Fan Coil Unit

Model No.	Outdoor Unit		DO-SR10A7	DO-SR10A9	DO-SR12A7	DO-SR12A9	DO-SR15A7	DO-SR15A9	DO-SR18A9	DO-SR21A9
	Indoor Unit		DI-LR10A7	DI-LR10A7	DI-LR12A7	DI-LR12A7	DI-LR15A7	DI-LR15A7	DI-LR18A7	DI-LR21A7
Total System Power Requirement		Phases	Single	Three	Single	Three	Single	Three	Three	Three
Rated Capacity	Cooling	kW	9.3	9.3	11.3	11.1	15.0	14.8	17.3	20.5
	Heating	kW	9.6	9.8	11.8	11.5	16.0	15.7	18.6	21.7
Efficiency	Cooling	EER	3.06	3.04	2.91	2.92	2.95	2.96	2.83	3.05
	Heating	COP	3.71	3.65	3.82	3.81	3.70	3.67	3.68	4.06
Moisture Removal		L/h	2.25	2.19	3.25	3.23	4.89	5.06	5.58	5.64
Rated Airflow	Indoor	L/s	550	550	650	650	750	750	1000	1150
Airflow Range	Indoor	L/s	390 ~ 700	390 ~ 700	475 ~ 735	475 ~ 735	630 ~ 930	630 ~ 930	725 ~ 1130	860 ~ 1450
ESP Range	Indoor	Pa	120 ~ 225	120 ~ 225	120 ~ 205	120 ~ 205	120 ~ 220	120 ~ 220	120 ~ 275	120 ~ 290
Power Supply	Indoor	V - Ph - Hz	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50
Rated Load Current	Outdoor		10.95	5.15	14.33	6.43	18.23	8.69	10.24	11.34
	Indoor	AMPS	2.85	2.85	2.75	2.75	3.10	3.10	5.00	6.50
	System		13.80	8.00	17.08	9.18	21.33	11.79	15.24	17.84
Full Load Current	System	AMPS	24.14	12.12	29.04	14.04	31.34	19.34	21.24	25.53
Duct Connection Sizes - Rectangular	Supply Air	mm (WxH)	715 x 185	715 x 185	715 x 185	715 x 185	715 x 262	715 x 262	715 x 262	835 x 300
	Return Air	mm (WxH)	1075 x 261	1075 x 261	1075 x 261	1075 x 261	1075 x 387	1075 x 387	1075 x 387	1350 x 404
Dimensions	Indoor	mm (HxWxD)	368 x 1225 x 580	368 x 1225 x 580	368 x 1225 x 580	368 x 1225 x 580	427 x 1225 x 580	427 x 1225 x 580	427 x 1225 x 580	455 x 1500 x 625
Net Weight	Indoor	kg	55	55	55	55	61	61	66	74
Refrigeration Connection Pipe Sizes - Indoor Unit	Gas	mm - inches	19.05 ~ 3/4"	19.05 ~ 3/4"	19.05 ~ 3/4"	19.05 ~ 3/4"	28.60 ~ 1 1/8"	28.60 ~ 1 1/8"	28.60 ~ 1 1/8"	28.60 ~ 1 1/8"
	Liquid	mm - inches	9.50 ~ 3/8"	9.50 ~ 3/8"	9.50 ~ 3/8"	9.50 ~ 3/8"	9.50 ~ 3/8"	9.50 ~ 3/8"	9.50 ~ 3/8"	12.70 ~ 1/2"



System with Low Profile Splittable Fan Coil Unit

Model No.	Outdoor Unit		DO-SR15A7	DO-SR15A9	DO-SR18A9	DO-SR21A9
	Indoor Unit		DI-LR15A7-S	DI-LR15A7-S	DI-LR18A7-S	DI-LR21A7-S
Total System Power Requirement		Phases	Single	Three	Three	Three
Rated Capacity	Cooling	kW	15.0	14.8	17.3	20.5
	Heating	kW	16.0	15.7	18.6	21.7
Efficiency	Cooling	EER	2.95	2.96	2.83	3.05
	Heating	COP	3.70	3.67	3.68	4.06
Moisture Removal		L/h	4.89	5.06	5.58	5.64
Rated Airflow	Indoor	L/s	750	750	1000	1150
Airflow Range	Indoor	L/s	630 ~ 930	630 ~ 930	725 ~ 1130	860 ~ 1450
ESP Range	Indoor	Pa	120 ~ 220	120 ~ 220	120 ~ 275	120 ~ 290
Power Supply	Indoor	V - Ph - Hz	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50
Rated Load Current	Outdoor		18.23	8.69	10.24	11.34
	Indoor	AMPS	3.10	3.10	5.00	6.50
	System		21.33	11.79	15.24	17.84
Full Load Current	System	AMPS	31.34	19.34	21.24	25.53
Duct Connection Sizes - Rectangular (See Note)	Supply Air	mm (WxH)	715 x 262	715 x 262	715 x 262	835 x 300
	Return Air	mm (WxH)	1075 x 387	1075 x 387	1075 x 387	1350 x 404
Dimensions (Indoor)	Fan Section	mm (HxWxD)	427 x 1225 x 435	427 x 1225 x 435	427 x 1225 x 435	455 x 1500 x 435
	Coil Section	mm (HxWxD)	427 x 1225 x 310	427 x 1225 x 310	427 x 1225 x 310	455 x 1500 x 310
Net Weight	Fan Section	kg	36	36	36	35
	Coil Section	kg	42	42	43	50
Refrigeration Connection Pipe Sizes - Indoor Unit	Gas	mm - inches	28.60 ~ 1 1/8"	28.60 ~ 1 1/8"	28.60 ~ 1 1/8"	28.60 ~ 1 1/8"
	Liquid	mm - inches	9.50 ~ 3/8"	9.50 ~ 3/8"	9.50 ~ 3/8"	12.70 ~ 1/2"

NOTE: Splittable units are supplied with two [2] Face Panels complete with two [2] 450mm ovalised duct spigots on each

ECM System Specifications



System with ECM XR Fan Coil Unit

Model No.	Outdoor Unit		DO-SR10A7	DO-SR10A9	DO-SR15A7	DO-SR15A9	DO-SR18A9
	Indoor Unit		DI-XR10A7--E	DI-XR10A7--E	DI-XR15A7--E	DI-XR15A7--E	DI-XR18A7--E
Total System Power Requirement		Phases	Single	Three	Single	Three	Three
Rated Capacity	Cooling	kW	9.1	9.2	14.5	14.1	16.7
	Heating		9.5	9.4	15.6	15.5	18.3
Efficiency	Cooling	EER	3.06	3.10	2.99	2.90	2.90
	Heating		COP	3.55	3.47	3.57	3.50
Moisture Removal		L/h	2.25	2.19	4.89	5.06	5.58
Rated Airflow	Indoor	L/s	500	500	700	700	900
Airflow Range	Indoor	L/s	380 ~ 600	380 ~ 600	610 ~ 700	610 ~ 700	700 ~ 975
ESP Range	Indoor	Pa	120 ~ 250	120 ~ 250	120 ~ 190	120 ~ 190	120 ~ 350
Power Supply	Indoor	V - Ph - Hz	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50
Rated Load Current	Outdoor	AMPS	10.99	5.15	18.48	8.71	10.21
	Indoor		2.90	2.90	3.60	3.60	4.00
	System		13.89	8.05	22.08	12.31	14.21
Full Load Current	System	AMPS	25.59	13.27	32.24	20.24	20.94
Duct Connection Sizes - Round	Supply Air	mm	406	406	457	457	508
	Return Air		406	406	457	457	508
Dimensions	Indoor	mm (HxWxD)	430 x 545 x 1100	430 x 545 x 1100	535 x 610 x 1190	535 x 610 x 1190	535 x 610 x 1190
Net Weight	Indoor	kg	40	40	53	53	57
Refrigeration Connection Pipe Sizes - Indoor Unit	Gas	mm - inches	19.10 ~ 3/4"	19.10 ~ 3/4"	28.60 ~ 1 1/8"	28.60 ~ 1 1/8"	28.60 ~ 1 1/8"
	Liquid		9.50 ~ 3/8"	9.50 ~ 3/8"	9.50 ~ 3/8"	9.50 ~ 3/8"	9.50 ~ 3/8"
Vertical Fan Coil Unit Configuration		Option	✓	✓	✓	✓	✓



System with Low Profile ECM Fan Coil Unit

Model No.	Outdoor Unit		DO-SR10A7	DO-SR10A9	DO-SR12A7	DO-SR12A9	DO-SR15A7	DO-SR15A9	DO-SR18A9
	Indoor Unit		DI-LR10A7--E	DI-LR10A7--E	DI-LR12A7--E	DI-LR12A7--E	DI-LR15A7--E	DI-LR15A7--E	DI-LR18A7--E
Total System Power Requirement		Phases	Single	Three	Single	Three	Single	Three	Three
Rated Capacity	Cooling	kW	9.5	9.5	11.3	11.2	15.3	15.0	17.8
	Heating		9.5	9.6	11.7	11.3	15.9	15.6	18.4
Efficiency	Cooling	EER	3.24	3.27	3.01	3.04	3.08	3.08	3.02
	Heating		COP	3.83	3.81	3.93	3.91	3.78	3.76
Moisture Removal		L/h	2.25	2.19	3.25	3.23	4.89	5.06	5.58
Rated Airflow	Indoor	L/s	500	500	650	650	750	750	1000
Airflow Range	Indoor	L/s	400 ~ 750	400 ~ 750	475 ~ 850	475 ~ 850	645 ~ 1100	645 ~ 1100	750 ~ 1200
ESP Range	Indoor	Pa	120 ~ 210	120 ~ 210	120 ~ 180	120 ~ 180	120 ~ 275	120 ~ 275	120 ~ 300
Power Supply	Indoor	V - Ph - Hz	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50
Rated Load Current	Outdoor	AMPS	10.95	5.15	14.33	6.43	18.23	8.69	10.24
	Indoor		2.50	2.50	2.70	2.70	3.00	3.00	5.20
	System		13.45	7.65	17.03	9.13	21.23	11.69	15.44
Full Load Current	System	AMPS	24.14	12.12	29.04	14.04	31.34	19.34	21.24
Duct Connection Sizes - Rectangular	Supply Air	mm (WxH)	715 x 185	715 x 185	715 x 185	715 x 185	715 x 262	715 x 262	715 x 262
	Return Air		1075 x 261	1075 x 261	1075 x 261	1075 x 261	1075 x 387	1075 x 387	1075 x 387
Dimensions	Indoor	mm (HxWxD)	368 x 1225 x 580	368 x 1225 x 580	368 x 1225 x 580	368 x 1225 x 580	427 x 1225 x 580	427 x 1225 x 580	427 x 1225 x 580
Net Weight	Indoor	kg	55	55	55	55	61	61	66
Refrigeration Connection Pipe Sizes - Indoor Unit	Gas	mm - inches	19.05 ~ 3/4"	19.05 ~ 3/4"	19.05 ~ 3/4"	19.05 ~ 3/4"	28.60 ~ 1 1/8"	28.60 ~ 1 1/8"	28.60 ~ 1 1/8"
	Liquid		9.50 ~ 3/8"	9.50 ~ 3/8"	9.50 ~ 3/8"	9.50 ~ 3/8"	9.50 ~ 3/8"	9.50 ~ 3/8"	9.50 ~ 3/8"

System with Low Profile Splittable ECM Fan Coil Unit

Model No.	Outdoor Unit		DO-SR15A7	DO-SR15A9	DO-SR18A9
	Indoor Unit		DI-LR15A7-SE	DI-LR15A7-SE	DI-LR18A7-SE
Total System Power Requirement		Phases	Single	Three	Three
Rated Capacity	Cooling	kW	15.3	15.0	17.8
	Heating		15.9	15.6	18.4
Efficiency	Cooling	EER	3.08	3.08	3.02
	Heating		COP	3.78	3.76
Moisture Removal		L/h	4.89	5.06	5.58
Rated Airflow	Indoor	L/s	750	750	1000
Airflow Range	Indoor	L/s	645 ~ 1100	645 ~ 1100	750 ~ 1200
ESP Range	Indoor	Pa	120 ~ 275	120 ~ 275	120 ~ 300
Power Supply	Indoor	V - Ph - Hz	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50
Rated Load Current	Outdoor	AMPS	18.23	8.69	10.24
	Indoor		3.00	3.00	5.20
	System		21.23	11.69	15.44
Full Load Current	System	AMPS	31.34	19.34	21.24
Duct Connection Sizes - Rectangular (See Note)	Supply Air	mm (WxH)	715 x 262	715 x 262	715 x 262
	Return Air		1075 x 387	1075 x 387	1075 x 387
Dimensions (Indoor)	Fan Section	mm (HxWxD)	427 x 1225 x 435	427 x 1225 x 435	427 x 1225 x 435
	Coil Section		427 x 1225 x 310	427 x 1225 x 310	427 x 1225 x 310
Net Weight	Fan Section	kg	36	36	36
	Coil Section		42	42	43
Refrigeration Connection Pipe Sizes - Indoor Unit	Gas	mm - inches	28.60 ~ 1 1/8"	28.60 ~ 1 1/8"	28.60 ~ 1 1/8"
	Liquid		9.50 ~ 3/8"	9.50 ~ 3/8"	9.50 ~ 3/8"



NOTE: Splittable units are supplied with two [2] Face Panels complete with two [2] 450mm ovalised duct spigots on each

Due to our policy of continuous improvement, product specifications and details are subject to change without notice. Equipment rated in accordance with AS 3823.3 - 2009 E. & O.E.



*Australia's favourite
climate systems*

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