

Technical Specifications



Advance System Single Phase (13.00-17.00kW)

Technical Information				
Model	Outdoor	CRV13BS	CRV15BS	CRV17BS
	Indoor	EVV13BS	EVV15BS	EVV17BS
Nett (Rated) Capacity (kW) (AS/NZS3823.1.2)	Cooling (Min/Rated/Max)	4.10 / 13.00 / 14.50	4.35 / 14.80 / 16.50	4.65 / 17.00 / 18.50
	Heating (Min/Rated/Max)	3.80 / 12.85 / 15.00	4.48 / 15.00 / 17.50	5.30 / 17.20 / 19.20
Input Power (kW) (AS/NZS3823.1.2)	Cooling (Rated)	3.84	4.46	5.10
	Heating (Rated)	3.37	4.09	4.74
⁽¹⁾ EER Rated (AS/NZS3823.1.2)	Cooling (Rated)	3.38	3.32	3.33
⁽²⁾ COP Rated (AS/NZS3823.1.2)	Heating (Rated)	3.81	3.67	3.63
Power Supply - (V/Ph/Hz)	Outdoor	230V / 1PH + N / 50Hz		
	Indoor	230V / 1PH + N / 50Hz		
Rated Amps (AS/NZS3823.1.2)	Total	16.90	19.24	21.90
Full Load Amps (AS/NZS3823.1.2)	Outdoor / Indoor / Total	27.30 / 4.30 / 31.60	27.40 / 3.80 / 31.20	30.30 / 4.20 / 34.50
⁽³⁾ Circuit Breaker Amps (Suggested)		32		40
IP Rating	Outdoor	IP44		
	Indoor	IP20		
Compressor	Type / No. Unit	Inverter Variable Speed Scroll / 1		
	Starting Method	Inbuilt Soft Starting		
No. of Refrigeration Circuits / No. of Capacity Stages		1 / Variable Capacity		
Refrigerant		R32		
Fans (Type x Number per Unit)	Outdoor	Axial / EC Motor x 2		
	Indoor	Twin Centrifugal / EC Motor x 1		
Airflow Indoor (l/s)	Maximum	780	920	1060
	Nominal	650	770	890
	Minimum	230	260	300
Outdoor Dimensions (mm)	Depth	530		
	Height	1110		
	Width	1365		
Indoor Dimensions (mm)	Depth	615	680	
	Height	412	435	
	Width	1090	1290	1420
⁽⁴⁾ Nominal Weights (kgs)	Outdoor	148		155
	Indoor	44	53	61
⁽⁵⁾ Sound Pressure Level (dBA) @ 1m	Outdoor (quiet/rated/max)	50.90 / 58.00 / 60.50	52.80 / 62.00 / 62.00	52.90 / 62.00 / 62.00
⁽⁶⁾ Sound Power Level (dBA)	Outdoor (quiet/rated/max)	64.10 / 71.30 / 73.60	66.00 / 75.10 / 75.10	65.70 / 75.10 / 75.10
MEPS Compliant		Yes		
Demand Response Capability (AS4755.3)		Yes		
BMS and Home Automation Compatibility (ICUNO-MOD)		Yes		
Hydrophilic Blue Fin Coil Coat Protection - Indoor & Outdoor Coils		Yes		
Home Automation / Remote On / Off Capability		Yes		
Manual Inputs Capable for Third party Control		Yes		
Maximum Number of Zones		8		
Run & Fault Indication		Yes		
Two Piece Indoor Option		Yes		
Operating Range		-15°C up to 52°C		

Technical Specifications



Advance System Three Phase (13.00-25.00kW)

Technical Information							
Model	Outdoor	CRV13BT	CRV15BT	CRV17BT	CRV19BT	CRV22BT	CRV25BT
	Indoor	EVV13BS	EVV15BS	EVV17BS	EVV19BS	EVV22BS	EVV25BS
Nett (Rated) Capacity (kW) (AS/NZS3823.1.2)	Cooling (Min/Rated/Max)	4.10 / 13.00 / 14.50	4.35 / 14.80 / 16.50	4.65 / 17.00 / 18.70	6.48 / 19.00 / 21.00	6.00 / 22.00 / 25.00	6.30 / 25.00 / 28.00
	Heating (Min/Rated/Max)	3.80 / 12.85 / 15.00	4.35 / 15.00 / 17.50	5.30 / 17.20 / 19.20	5.58 / 19.00 / 20.00	6.30 / 23.00 / 26.00	6.27 / 26.00 / 28.50
Input Power (kW) (AS/NZS3823.1.2)	Cooling (Rated)	3.77	4.33	5.06	5.54	6.61	7.27
	Heating (Rated)	3.08	3.93	4.58	5.08	6.25	6.84
⁽¹⁾ EER Rated (AS/NZS3823.1.2)	Cooling (Rated)	3.44	3.42	3.36	3.43	3.33	3.44
⁽²⁾ COP Rated (AS/NZS3823.1.2)	Heating (Rated)	4.18	3.82	3.75	3.74	3.68	3.80
Power Supply - (V/Ph/Hz)	Outdoor	400V / 3Ph + N / 50Hz					
	Indoor	230V / 1PH + N / 50Hz					
Rated Amps (AS/NZS3823.1.2)	Total	7.20	8.80	11.50	11.00	13.30	14.80
Full Load Amps (AS/NZS3823.1.2)	Outdoor / Indoor / Total	7.89 / 3.90 / 11.70	10.10 / 3.90 / 14.00	10.80 / 4.20 / 15.00	12.48 / 4.63 / 17.11	13.60 / 5.60 / 19.20	14.20 / 8.40 / 22.60
⁽³⁾ Circuit Breaker Amps (Suggested)		16			20		25
IP Rating	Outdoor	IP44					
	Indoor	IP20					
Compressor	Type / No. Unit	Inverter Variable Speed Scroll / 1					
	Starting Method	Inbuilt Soft Starting					
No. of Refrigeration Circuits / No. of Capacity Stages		1 / Variable Capacity					
Refrigerant		R32					
Fans (Type x Number per Unit)	Outdoor	Axial / EC Motor x 2				Axial / EC Motor x 3	
	Indoor	Twin Centrifugal / EC Motor x 1					
Airflow Indoor (l/s)	Maximum	780	920	1060	1200	1380	1570
	Nominal	650	770	890	1000	1150	1300
	Minimum	230	260	300	350	400	450
Outdoor Dimensions (mm)	Depth	530				530	
	Height	1110				1343	
	Width	1365				1641	
Indoor Dimensions (mm)	Depth	615		680	645	695	
	Height	412		435	485	485	
	Width	1090	1290	1420	1470	1570	
⁽⁴⁾ Nominal Weights (kgs)	Outdoor	148		155	142	178	183
	Indoor	44	53	61	75	76	79
⁽⁵⁾ Sound Pressure Level (dBA) @ 1m	Outdoor (quiet/rated/max)	50.50 / 57.50 / 60.10	52.70 / 61.70 / 61.70	52.90 / 61.70 / 61.70	57.70 / 65.60 / 65.60	58.80 / 64.90 / 64.90	59.30 / 65.60 / 65.60
⁽⁶⁾ Sound Power Level (dBA)	Outdoor (quiet/rated/max)	63.60 / 70.50 / 72.90	65.50 / 74.60 / 74.60	65.70 / 74.60 / 74.60	69.00 / 77.50 / 77.50	70.10 / 77.40 / 77.40	72.40 / 78.80 / 78.80
MEPS Compliant		Yes					
Demand Response Capability (AS4755.3)		Yes					
BMS and Home Automation Compatibility (ICUNO-MOD)		Yes					
Hydrophilic Blue Fin Coil Coat Protection - Indoor & Outdoor Coils		Yes					
Home Automation / Remote On / Off Capability		Yes					
Manual Inputs Capable for Third party Control		Yes					
Maximum Number of Zones		8					
Run & Fault Indication		Yes					
Two Piece Indoor Option		Yes					
Operating Range		-15°C up to 52°C				-15°C up to 54°C	



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