

Multi-Elite

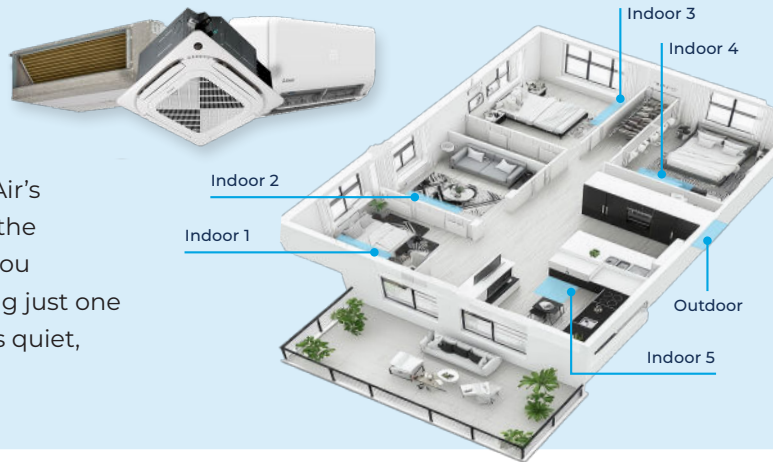
Practical solutions for multi-room comfort

R32 LOW GWP REFRIGERANT



Comfort where you need it. Control when you want it.

Experience a smarter way to stay comfortable with ActronAir's Multi-Elite Multi Split system. Whether you're warming up the bedroom or cooling down the living room, Multi-Elite lets you create the perfect climate in up to five different rooms using just one outdoor unit. It's a sleek, space-saving solution that delivers quiet, energy-efficient performance tailored to how you live.



Designed for Aussie conditions.

From sticky summer days to frosty winter mornings, Australia's climate can be tough. That's why the ActronAir Multi-Elite system is designed to perform efficiently all year round—delivering comfort you can count on, no matter the weather.



Capacity to suit you

Outdoor units range from 5.2kW to 13.5kW supporting up to 5 indoor unit connection.



Choice of Indoors

Versatile design with a choice of 3 different indoor unit types



Comfort Control

Set different temperatures in different rooms, helping everyone feel comfortable in their own space



Download on the App Store | GET IT ON Google Play | works with Google Home | works with alexa

Control your Comfort, your Way.

Take control of your Multi-Elite system anytime, anywhere - whether you're at home, at the office, or away on holiday - with the EasyConnect App. And with built-in compatibility with Google Home and Amazon Alexa, adjusting your comfort is as easy as saying the word.



Multi-Elite

Smarter Comfort, Room by Room

Combination Tables

OUTDOOR	ONE UNIT	TWO UNITS	THREE UNITS	FOUR UNITS	FIVE UNITS
MRC-050DS-2	3.5	2.6 + 2.6	-	-	-
	5.0	2.6 + 3.5	-	-	-
	6.0	3.5 + 3.5	-	-	-

OUTDOOR	ONE UNIT	TWO UNITS	THREE UNITS	FOUR UNITS	FIVE UNITS
MRC-075DS-3	5.0	2.6 + 2.6	2.6 + 2.6 + 2.6	-	-
	-	2.6 + 3.5	2.6 + 2.6 + 3.5	-	-
	-	2.6 + 5.0	2.6 + 2.6 + 5.0	-	-
	-	3.5 + 3.5	2.6 + 3.5 + 3.5	-	-
	-	3.5 + 5.0	2.6 + 3.5 + 5.0	-	-
	-	-	3.5 + 3.5 + 3.5	-	-
	-	-	3.5 + 3.5 + 5.0	-	-

OUTDOOR	ONE UNIT	TWO UNITS	THREE UNITS	FOUR UNITS	FIVE UNITS
MRC-100CS-4	5.0	2.6 + 2.6	2.6 + 2.6 + 2.6	2.6 + 2.6 + 2.6 + 2.6	-
	7.2	2.6 + 3.5	2.6 + 2.6 + 3.5	2.6 + 2.6 + 2.6 + 3.5	-
	8.0	2.6 + 5.0	2.6 + 2.6 + 5.0	-	-
	-	2.6 + 7.2	2.6 + 3.5 + 3.5	-	-
	-	2.6 + 8.0	2.6 + 3.5 + 5.0	-	-
	-	3.5 + 3.5	3.5 + 3.5 + 3.5	-	-
	-	3.5 + 5.0	3.5 + 3.5 + 5.0	-	-
	-	3.5 + 7.2	-	-	-

OUTDOOR	ONE UNIT	TWO UNITS	THREE UNITS	FOUR UNITS	FIVE UNITS
MRC-135DS-5	7.2	2.6 + 2.6	2.6 + 2.6 + 2.6	2.6 + 2.6 + 2.6 + 2.6	2.6 + 2.6 + 2.6 + 2.6 + 5.0
	8.0	2.6 + 3.5	2.6 + 2.6 + 3.5	2.6 + 2.6 + 2.6 + 3.5	2.6 + 2.6 + 2.6 + 2.6 + 7.2
	-	2.6 + 5.0	2.6 + 2.6 + 5.0	2.6 + 2.6 + 2.6 + 5.0	2.6 + 2.6 + 2.6 + 2.6 + 8.0
	-	2.6 + 7.2	2.6 + 2.6 + 7.2	2.6 + 2.6 + 2.6 + 7.2	2.6 + 2.6 + 2.6 + 3.5 + 3.5
	-	2.6 + 8.0	2.6 + 2.6 + 8.0	2.6 + 2.6 + 2.6 + 8.0	2.6 + 2.6 + 2.6 + 3.5 + 5.0
	-	3.5 + 3.5	2.6 + 3.5 + 3.5	2.6 + 2.6 + 3.5 + 3.5	2.6 + 2.6 + 2.6 + 2.6 + 2.6
	-	3.5 + 5.0	2.6 + 3.5 + 5.0	2.6 + 2.6 + 3.5 + 5.0	2.6 + 2.6 + 2.6 + 2.6 + 3.5
	-	3.5 + 7.2	2.6 + 3.5 + 7.2	2.6 + 2.6 + 3.5 + 7.2	2.6 + 2.6 + 2.6 + 3.5 + 7.2
	-	3.5 + 8.0	2.6 + 3.5 + 8.0	2.6 + 2.6 + 3.5 + 8.0	2.6 + 2.6 + 2.6 + 3.5 + 8.0
	-	5.0 + 5.0	2.6 + 5.0 + 5.0	2.6 + 2.6 + 5.0 + 5.0	2.6 + 2.6 + 2.6 + 5.0 + 5.0
	-	5.0 + 7.2	3.5 + 3.5 + 3.5	2.6 + 3.5 + 3.5 + 3.5	2.6 + 3.5 + 3.5 + 3.5 + 3.5
	-	5.0 + 8.0	3.5 + 3.5 + 5.0	2.6 + 3.5 + 3.5 + 5.0	2.6 + 3.5 + 3.5 + 3.5 + 5.0
	-	-	3.5 + 3.5 + 5.0	2.6 + 3.5 + 3.5 + 7.2	2.6 + 2.6 + 3.5 + 3.5 + 3.5
	-	-	3.5 + 3.5 + 7.2	2.6 + 3.5 + 3.5 + 8.0	2.6 + 2.6 + 3.5 + 3.5 + 5.0
	-	-	3.5 + 3.5 + 8.0	3.5 + 3.5 + 3.5 + 3.5	3.5 + 3.5 + 3.5 + 3.5 + 3.5
-	-	3.5 + 5.0 + 5.0	3.5 + 3.5 + 3.5 + 5.0	-	
-	-	-	3.5 + 3.5 + 3.5 + 7.2	-	
-	-	-	3.5 + 3.5 + 3.5 + 8.0	-	

Important Notes:

For actual capacities on the above combinations, please refer to the ActronAir Technical Catalogue



Multi-Elite

Multi-room, One system.

Specification Tables

Technical Specifications - Outdoors					
Model		MRC-050DS-2	MRC-075DS-3	MRC-100CS-4	MRC-135DS-5
Operating Capacity	⁽¹⁾⁽²⁾ Cooling Capacity (kW)	5.25	7.50	9.40	13.5
	⁽¹⁾⁽²⁾ Cooling Capacity Range (kW)	0.90 ~ 5.70	3.22 ~ 8.79	3.28 ~ 10.08	2.63 ~ 14.65
	⁽¹⁾⁽³⁾ Heating Capacity (kW)	5.50	7.40	9.50	14.0
	⁽¹⁾⁽³⁾ Heating Capacity Range (kW)	1.9 ~ 5.70	2.05 ~ 8.79	2.49 ~ 10.40	2.63 ~ 15.24
Electrical Characteristics	⁽¹⁾⁽⁴⁾ Cooling Input Power (kW)	1.30	1.98	2.11	3.73
	Power Consumption (w)	1302	1980	2110	3730
	⁽¹⁾⁽⁴⁾ Heating Input Power (kW)	1.16	1.59	1.98	3.16
	Power Consumption (w)	1160	1590	1980	3155
Efficiency	⁽¹⁾⁽²⁾ EER / AEER	4.032 / 3.968	3.788 / 3.701	4.450 / 4.343	3.619 / 3.561
	⁽¹⁾⁽³⁾ COP / ACOP	4.714 / 4.620	4.654 / 4.522	4.800 / 4.670	4.437 / 4.353
	TCSPF Residential (Hot / Avg. / Cold)	6.514 / 5.609 / 5.737	6.097 / 5.247 / 5.342	6.801 / 5.867 / 5.886	5.959 / 5.304 / 5.530
	HSPF Residential (Hot / Avg. / Cold)	5.094 / 4.658 / 4.022	5.182 / 4.693 / 4.271	5.221 / 4.691 / 4.009	5.545 / 4.800 / 4.312
Multi Head Connection	IDU Minimum	2	2	2	2
	IDU Maximum	2	3	4	5
Power Supply	1Ph / 220-240V / 50Hz				
Interconnecting Wire	3 Core + E				
Maximum Running Current (Full Load Amps)		12	17.5	19.0	30
⁽⁶⁾ Rated Load Amps	Cooling	6.81	8.40	9.5	17.8
	Heating	6.65	7.00	9.30	16.2
⁽⁶⁾ Circuit Breaker (A)		16	25	25	32
IP Rating	IPX4				
Unit Dimensions	Height (mm)	554	673	810	975
	Width (mm)	805	890	946	980
	Depth (mm)	330	342	410	415
Package Dimensions	Height (mm)	615	750	875	1080
	Width (mm)	915	1030	1090	1145
	Depth (mm)	370	438	500	500
Weight	Net (kg)	34.6	48.1	66.2	91
	Gross (kg)	37.7	51.6	71.6	106.4
Compressor Type		Inverter Rotary	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary
Starting Method		DC Inverter Starter	DC Inverter Starter	DC Inverter Starter	DC Inverter Starter
Compressor Power Output (W)		4315	26409	26409	13700
Refrigerant Type	R32				
Refrigerant Oil	Type / Charge in ml	ESTER OIL VG74 / 440	ESTER OIL VG74 / 670	ESTER OIL VG74 / 670	ESTER OIL VG74 / 1400
	Amount (g)	1250	1850	2400	3600
Pre-Charge	Length (m)	2 x 10	3 x 10	4 x 10	5 x 10
	Additional Refrigerant Charge (g/m)	12	12	12	12
Airflow Volume (l/s)		583	833	1083	1361
Connections	Connection Type	Flare Nut	Flare Nut	Flare Nut	Flare Nut
	Liquid	2 x Ø6.35	3 x Ø6.35	4 x Ø6.35	5 x Ø6.35
	Gas	2 x Ø9.52	3 x Ø9.52	3 x Ø9.52 + 1 x Ø12.7	3 x Ø9.52 + 2 x Ø12.7
Maximum Piping	Per Indoor (m)	25	30	35	35
	Total System (m)	40	60	80	80
	Lift per Indoor (Inc. in Max. Pipe) (m)	15	15	15	15
Minimum Piping per Indoor (m)		9	9	12	12
⁽⁵⁾ Sound Pressure Level @ 1m dB(A)		56.4	58.7	60	63.5
⁽⁶⁾ Sound Power Level dB(A)		59.4	65	72	72
Operating Range	Cooling °C	-15 ~ 50°	-15 ~ 50°	-15 ~ 50°	-15 ~ 50°
	Heating °C	-15 ~ 24°	-15 ~ 24°	-15 ~ 24°	-15 ~ 24°
	Dry °C	0 ~ 50°	0 ~ 50°	0 ~ 50°	0 ~ 50°



Specification Tables

Technical Specifications - Wall Hungs							
Model			WRE-026CS	WRE-035CS	WRE-050CS	WRE-072CS	WRE-085CS
Operating Capacity	Cooling Capacity	kW	2.60	3.50	5.00	7.20	8.50
	Heating Capacity		2.75	3.70	5.00	8.00	9.45
Airflow	Low	l/s	100	100	120	190	190
	Medium		120	120	172	230	230
	High		180	180	201	320	320
	Boost		250	250	240	370	370
Sound Pressure	Cooling	dB(A) (H/L)	38 / 30	38 / 30.5	40.5 / 30.5	46.5 / 36	46.5 / 36
	Heating		38.5 / 30	38.5 / 30.5	40.5 / 30.5	46.5 / 36	46.5 / 36
Unit Dimensions	Height	mm	295	295	315	370	370
	Width		795	795	965	1140	1140
	Depth		225	225	239	297	297
Weight	Net	kg	10.3	10.3	12.3	19.7	19.7
	Gross		13.2	13.2	16.2	24.8	24.8
Connections	Liquid	mm	Ø6.35	Ø6.35	Ø6.35	Ø9.52	Ø9.52
	Gas		Ø9.52	Ø9.52	Ø12.7	Ø15.9	Ø15.9
IP Rating			IPX0				
Remote Control Model supplied in the box			RC-02	RC-02	RC-02	RC-02	RC-02

Technical Specifications - Bulkheads						
Model			BRE-026DS	BRE-035DS	BRE-050DS	BRE-070CS
Operating Capacity	Cooling Capacity	kW	2.60	3.50	5.00	7.00
	Heating Capacity		2.90	3.80	5.50	7.60
Airflow	Low	l/s	125	130	143	143
	Medium		150	158	196	196
	High		172	183	253	253
Sound Pressure	Cooling	dB(A) (H/L)	35 / 31	35 / 31	42 / 35	42 / 35
	Heating		35 / 31	35 / 31	42 / 35	42 / 35
Unit Dimensions	Height	mm	200	200	210	249
	Width		700	700	880	1100
	Depth		506	506	674	774
Weight	Net	kg	16.6	16.6	24.4	32.3
	Gross		19.8	19.8	29.6	37
Connections	Liquid	mm	Ø6.35	Ø6.35	Ø6.35	Ø9.52
	Gas		Ø9.52	Ø9.52	Ø12.7	Ø15.9
IP Rating			IPX0			
Remote Control Model supplied in the box			WC-03	WC-03	WC-03	WC-03

Technical Specifications - Mini Cassette				
Model			MRE-035DS	MRE-053DS
Operating Capacity	Cooling Capacity	kW	3.50	5.30
	Heating Capacity		3.80	5.57
Airflow	Low	l/s	91	83
	Medium		144	150
	High		180	183
Sound Pressure	Cooling	dB(A) (H/L)	42 / 31.5	44 / 31.5
	Heating		42 / 31.5	44 / 31.5
Unit Dimensions	Height	mm	245	245
	Width		570	570
	Depth		570	570
Weight	Net	kg	16.1	16.2
	Gross		18.8	19
Connections	Liquid	mm	Ø6.35	Ø6.35
	Gas		Ø9.52	Ø12.7
IP Rating			IPX0	
Remote Control Model supplied in the box			WC-03	WC-03
Facia Panel Model			M4-P2	M4-P2



Multi-Elite

Your Home, Your Climate, Your Way.

Specification Tables

	Features			
	Outdoor	Wall Hung	Bulkhead	Mini Cassette
Mono and Multi Compatible Heads	✓	✓	✓	✓
Superior Operating Range (-15 ~ 50°)	✓	✓	✓	✓
Powder Coated Panels - Outdoor Unit	✓	N/A	N/A	N/A
Hydrophilic Indoor and Outdoor Coil Protection	✓	✓	✓	✓
Self Diagnosis and Auto Protection	✓	✓	✓	✓
Fire Proof Electrical Box - Indoor and Outdoor	✓	✓	✓	✓
Demand Response Capability (AS4755.3)	✓	✓	✓	✓
Auto Restart	✓	✓	✓	✓
Adjustable Airflow	-	✓	✓	✓
3D Multi Directional Airflow (up/down) & (left/right)	-	✓	✗	✗
Louvre Position Memory	-	✓	✗	✗
Fan Speed: Auto / Low / Medium / High	-	✓	✓	✓
Catalyst Filter	-	✓	✗	✗
Left or Right Hand Drain Connection	-	✓	✓	✗
Wireless Controller RC-02	-	Standard	Optional	✗
Wireless Controller RC-03	-	✗	✗	Optional
Wired Controller WC-03 (built-in Wi-Fi)	-	Optional	Standard	Standard
EasyConnect App Connectivity*	-	Optional	Optional	Optional
Follow Me Function	-	✓	✓	✓
Sleep Mode	-	✓	N/A	✓
Turbo Mode	-	✓	✓	✓
Auto Defrost Function	-	✓	✓	✓
Timer On/Off	-	✓	✓	✓
7-Day Scheduler / Weekly Timer	-	Optional	✓	✓
Dehumidication	-	✓	✓	✓
Ionizer	-	✓	N/A	N/A
External Static Pressure Settings	-	N/A	✓	N/A
Quiet Mode	-	✓	✗	✗
Fault Alarm Output	-	Optional	✓	✓
Remote On/Off	-	✓	✓	✓
Drain Pump	-	✗	✓	✓
Bottom Return Air Connection	-	N/A	✓	N/A
Outside Air Intake	-	✗	✓	✓
Hanging Brackets	-	✓	✓	✓

Foot Notes

- ⁽¹⁾ Measured and tested in accordance with AS/NZS 3823.1.4. Rated Load Amps shown above is based on MEPS representative outdoor and indoor unit combinations.
- ⁽²⁾ At 27°C DB / 19°C WB entering air temperatures and 35°C ambient.
- ⁽³⁾ At 20°C DB entering air temperature and 7°C DB / 6°C WB ambient.
- ⁽⁴⁾ Input power includes indoor fan kW.
- ⁽⁵⁾ Outdoor sound pressure level is determined in an anechoic chamber and may differ once the unit is installed due to environment conditions.
- ⁽⁶⁾ Determination of Sound Power Levels of Noise Sources per AS1217.2.
- ⁽⁷⁾ Full Load Amps (FLA) shown above is based on maximum possible outdoor and indoor unit combinations. FLA are based on compressor and fan motors' maximum expected current. Final FLA will be based on installed combination. See wiring section of installation guide for more details.
- ⁽⁸⁾ Rated Load Amps shown above is based on MEPS representative outdoor and indoor unit combinations. Rated Load Amps are measured and tested in accordance with AS/NZS3823.1.4.
- ⁽⁹⁾ Based on FLA of largest possible outdoor and indoor combination. See specifications sheet for cable size details.

Important Notes:

- The Local Electricity authority may require limits on starting current, running current and voltage drop, please check prior to purchase.
- When the outdoor temperature exceeds the rated conditions, the cooling/heating capacities may decrease the rated nett values.
- Specifications subject to change without notice
- For Wall Hungs, if using wireless controller, you will be required to purchase WUK-WH1 (Wi-Fi Kit) to pair with the EasyConnect App. If using WC-03 wired controller, no additional hardware will be required for pairing the EasyConnect App.
- EasyConnect App will need to be downloaded from the Google Playstore or IOS App Store prior to the pairing process.

Warranty:

For full terms and conditions of ActronAir warranty, please refer to warranty terms document - www.actronair.com.au

