CONNOISSEUR MIDWALL SERIES

CUSTOMISED MIDWALL SPLIT CLIMATE CONTROL UNIT

THE MIDWALL RANGE
13-17 °C dependant on room size, insulation and ambient conditions
Ambient temperature up to 40°C
Relative humidity with drip tray*
Internal noise level approx 45+ dB (depending on unit size)
Pipe length max 15m
No remote. Temperature parameters are pre-set by our installer and can only be altered by an approved service provider. Units come with a temperature/humidity monitor (priced separately) that can be linked to a smart device
Lead time 3 weeks on all custom units
1 Year warranty on parts, only if installed by The Wine Room's recommended installers; and subject to bi-annual service
*Our AA00W range is designed to retain humidity at higher % compared to standard aircons; however they are not plumbed and therefore humidity will fluctuate on average approx 10% below relative ambient humidity (but can be more or less depending on location and application).
The Wine Room does not take liability of potential condensation occurring on surfaces and/or increased humidity and/or icing up of the unit and/or fluctuations in temperature if the room is insufficiently sealed, insulated or waterproofed.
Refer to recommended backup power specs on the next page

CUBIC AREA*1	UNIT	UNIT PRICE	UNIT SIZE (L x W x H)	POWER*2	AMPS *3	VOLTAGE
Approx 7-20m^3	**AA009W**	R45,990.00	729mm x 200mm x 292mm	850W	3.6A / 12A	220V
Approx 20-40m^3	**AA012W**	R2,990.00	802mm x 200mm x 295mm	1200W	5.2A / 16A	220V
Approx 40-65m^3	**AA018W**	R58,990.00	971mm x 228mm x 321mm	1700W	7.4A / 22A	220V
Approx 65-80m^3	**AA024W**	R69,990.00	1082mm x 234mm x 337mm	2300W	10A / 30A	220W
Install pricing	Pricing for install (labour, parts, travel, delivery, temperature/humidity monitor) is excluded. We can provide you the contact details for our recommended independent installation teams in Joburg, Cape Town and the Garden Route.					

*1 Depends on location, heat sources and glazing area. *2 Minimum power consumption. *3 Running Amps / Start up Amps .

The Wine Room | Premium Wine Cellars, Appliances and Accessories
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THE WINE ROOM

BACKUP POWER SPECIFICATIONS

AA00W / AA00H / AA00S CLIMATE CONTROL UNITS

OPERATING POWER CONSUMPTION REQUIREMENTS

Unit Type	Minimum Power Consumption	Amps (Running)	Amps (On start-up)	Voltage
AA009W / H / S	850 W	3.6 Amps	12 Amps	220V
AA012W / H	1200 W	5.2 Amps	16 Amps	220V
AA018W / H	1700 W	7.4 Amps	22 Amps	220V
AA024W / H	2300 W	10 Amps	30 Amps	220V

ALTERNATE BACKUP POWER RECOMMENDATION

We recommend to our clients to not place the cellar's climate control units on an inverter system, to mitigate the risk of damage to the climate control units due to a potentially incompatible power supply. If the cellar is sealed and adequately insulated then the temperature of your wine should not fluctuate enough during a load shedding power outage to damage wine. Remember that liquid temperature inside wine bottles fluctuates significantly slower than the air temperature in your cellar.

POTENTIAL RISKS

The potential risks with backup/inverter power is that our climate control units operate 24/7, with different power requirements compared to a most aircon systems:

- Our climate control units use AC current, which requires high amounts of current at start up. Incorrectly specced inverters may cause frequency imbalances causing pipes to vibrate and crack; gas leakages, icing up of units; and further damage to coils etc.
- Other standard Airconditioning systems use DC current but do not run 24/7, so the power demand is a lot lower
- New inverter aircons use DC current, which is not as affected by frequency imbalances as above, but our climate control units are not compatible with these inverter systems.

The Wine Room cannot be held liable for certifying that an alternate power backup source as supplied and installed by a third party is meeting the above criteria for use with our climate control units. It is the liability of the client's service provider to ceritify the unit specifications, installation and usage.