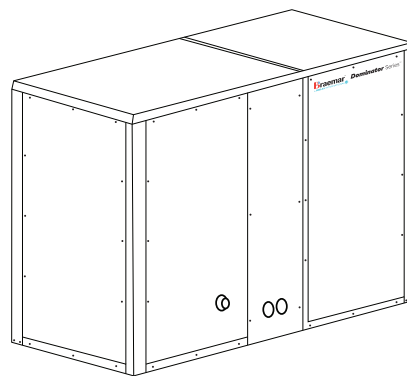
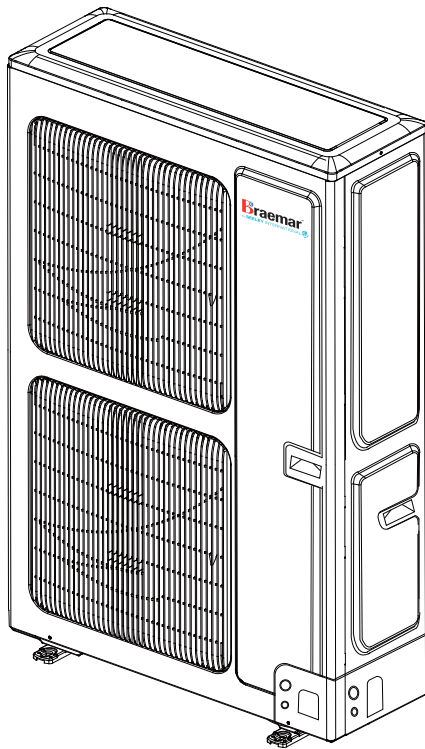




OWNER'S MANUAL INSERT

DUCTED INVERTER AIR CONDITIONER

Dominator Series™



What's the difference? Gas to reverse cycle (heat pump)
<https://www.seeleyinternational.com/blog/faqs-dominator-series/>

Air Outlet Temperature	Ducted gas = 53°C
	Dominator series™ = 40°C to 50°C
	Ducted reverse cycle = approximately 40°C to 43°C

Dominator Series™ has been specifically designed to replace an existing gas ducted heating system. Every effort has been implemented to achieve a supply air temperature as close as possible to a gas ducted heating system.

Dominator Series™ and Reverse Cycle Systems, work differently to Gas Ducted Systems. Although the supply air outlet temperature is not as hot as ducted gas systems (explained above), they do work effectively, by way of air changes throughout the home. You need to ensure doors are open in rooms being conditioned (open zones) and always make sure Return Air filters are regularly cleaned. The more air changes (the higher the fan speed) you have in the home, the quicker your home will achieve the desired temperature setting.

At very low outside air temperatures, reverse cycle appliances and including Dominator series™ produce cooler heating air temperatures than what can be achieved above 7°C outside. This can be compounded if the inside air temperature is allowed to become too low also, below 16°C.

We suggest not letting your home drop below 16°C during unoccupied times.

The reverse is also applicable for cooling, in Summer, don't let your home get excessively hot inside before operating the cooling.

We suggest not letting your home get above 28°C during unoccupied times.

<p>Control function parameters:</p> <p>Heating: heating starts at set point and stops when set point plus 2°C is reached.</p> <p>Cooling: cooling starts at set point and stops when set point minus 2°C is reached.</p>	
<p>The user interface (wired wall control) does not have a room temperature sensor located within it. It is a control panel for setting the operating parameters of the Braemar ducted reverse cycle appliances and can be mounted anywhere within the home.</p>	
<p>The "Always On" zone must have a RF remote sensor located within it.</p> <p>The Braemar zone control can have a maximum of 8 zones (one always on and 7 switchable zones), other than the "Always On" zone, the zones can have RF remote sensors or no sensor, or a combination of both.</p> <p>The RF remote sensor uses "CR2450" button battery, this may need replacing annually. (Refer page 32 on the Owner's Manual).</p>	
<p>Indoor fan operation: the indoor fan has 2 options for operation. The default indoor fan operation in "COOL" has the indoor fan operate continuously and will cycle on and off in "HEAT" mode. There is an option to change this, so that the indoor fan cycles on and off in all modes. Your installer can set this for you.</p>	
<p>Note: Some functions on the control are not standard inclusions and may not be available on your system. For example, "Fresh Air" and "Healthy", these require additional components.</p> <p>Braemar Dominator Series™ has a 7 minute minimum run time, on initial start up the system may take up to 8 minutes before warmed air is delivered, this is normal.</p> <p>Power consumption while operating can vary from as little as 0.9kW to a maximum of 6.5kW.</p>	

Guide to operating your Braemar Dominator Series™

- **Return Air Filter:** Ensure the return air filter is always clean. A dirty or blocked return air filter will cause loss of airflow, poor cooling and/or heating performance, and possible breakdown of your heating and cooling appliance. (The filter should be checked and cleaned once every month). Refer to your owner's manual for correct cleaning procedures.
- **External doors:** All external doors and windows should be closed when operating your Dominator Series™ heating & cooling system.
- **Internal doors:** Ensure any internal doors that are between the air outlet and the return air grille are open. This allows the air to recirculate back to the appliance, assisting with efficient cooling and heating.
- **Weather:** If the weather is forecast to be hot, it's best practice to turn your Airconditioning system on in the morning and maintain a set temperature, rather than allowing the temperature inside your home to rise.

Example: If you set the thermostat to 26°C in the morning, the air conditioner will only operate when the temperature rises above 26°C inside your home and it will only operate to maintain 24°C~26°C. (Note: Indoor fan option 2 must be selected so that the indoor fan only operates when you appliance is cooling or heating).

If you are away for the day and then come home to a hot house of 30°C inside, it will take a long period of time and electricity to bring the house back down to your desired temperature.

Tip: For every 1°C below 24°C your cooling running cost can increase by as much as 10%.

Refer: <https://www.ergon.com.au/retail/residential/home-energy-tips/appliances/air-conditioners>

- Heat loads play a huge role in Airconditioning...as nice as sunshine is, it is the enemy when it comes to energy efficient cooling. Closing curtains/blinds, will help keep the sun from excessively increasing the temperature inside the room and home. (Along with reducing the running costs of your Airconditioning system).
- In rooms that are not air conditioned or rooms that the zone is closed, it's better to have the doors closed to these areas, this will assist rooms/zones which are being conditioned to reach the desired temperature quicker. (This will also assist in reducing running costs)
- On your Braemar Dominator Series™ control, there is a feature which allows you to set a Daily, 7-day or 14-day timer, for both heating and cooling.
- When in cooling mode, its best operating practice to have the fan speed set as high as possible for the desired zone set up, ensuring there is the correct amount of air being circulated to cool the room. Lowering the fan speed will lower the cooling performance and take longer to reach your desired set temperature.
- Manually closing a vent/outlet in a room, can have an adverse effect on the cooling performance. Ensure that all vents/outlets are fully open, this will help cool the desired room quicker. (Minimizing running times and running costs)
- WiFi: A WiFi module is available, at extra cost, ask you installer about the ME31-00/C13 WiFi module.

IMPORTANT SAFETY INFORMATION

Any unventilated area where the appliance is installed shall be so constructed that should any refrigerant leak, it will not stagnate so as to create a fire or explosion hazard.

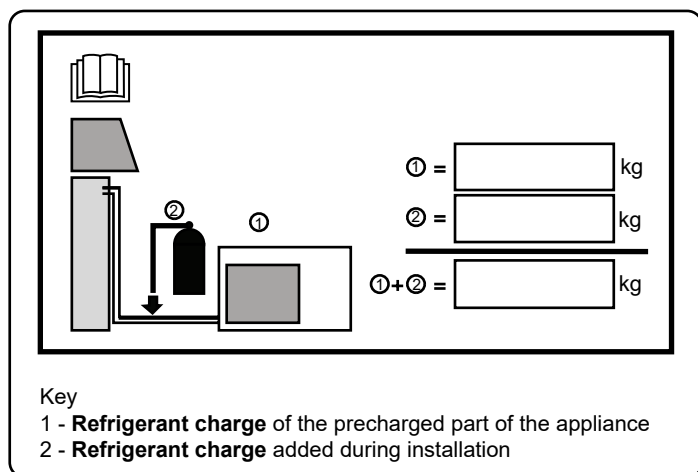
Ducted systems which have outlets in rooms of areas less than "Amin" shall not have continuously open flames (i.e. an operating gas appliance) or other potential ignition source (i.e. operating electric heater or hot surface).

Auxiliary devices which may be a potential ignition source shall not be installed in the duct work. Examples of such potential ignition sources are hot surfaces with a temperature exceeding 700°C and electric switching devices.

Only auxiliary devices approved by Seeley International or declared suitable with the refrigerant shall be installed in connecting ductwork.

Amin is shown below for different ducting points:

REFRIGERANT CHARGE (kg)			3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.7
Minimum installation height (m)		MINIMUM ROOM AREA (m ²)															
Ducted or Cassette	2.2		9.6	10.6	11.7	12.8	14.0	15.2	16.5	17.8	19.1	20.6	22.0	23.6	25.1	26.7	28.4
High wall split	1.8		14.1	15.9	17.5	19.1	20.9	22.7	24.6	26.6	28.6	30.7	32.9	35.2	37.5	40.0	42.5
Floor	0.6		129.4	143.1	157.4	172.3	188.0	204.3	221.4	239.1	257.5	276.5	296.3	314.7	337.8	359.6	382.1



Any refrigerant charge added to the outdoor unit must be shown on the charge label attached.



WARNING!

Note that the unit is filled with flammable refrigerant R32. Incorrect installation and use of the unit poses a risk to both occupants and material.

Please adhere strictly to all instructions for positioning the unit, refrigerant lines and handling refrigerant.