

About Natural Gas Powered Air Conditioning

Reverse Cycle

Natural Gas Powered reverse cycle air conditioning systems use a gas engine to drive the compressor rather than an electric motor to provide energy efficient heating and cooling.

Superior Performance

While the cooling performance of the gas model is the same as an equivalent sized electric model, it offers superior heating performance in frosty weather by using heat from the engine to significantly reduce the de-icing cycles often needed with electric models.

Avoid Power Upgrade Costs

The electrical load from condensers is reduced by around 90% and they don't require three phase power.

Low Noise

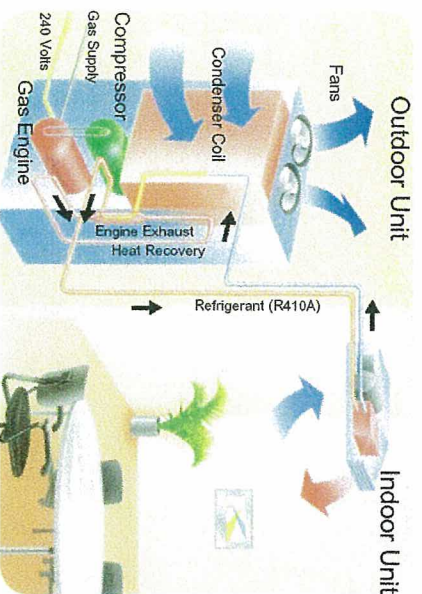
A key advantage of these gas powered models is their quiet operation, which certainly helps to keep neighbours on side.

Green Credentials

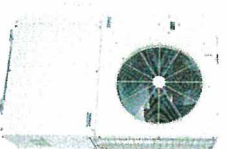
Using gas rather than electricity to drive the compressor could result in a reduction of CO2 emissions of around 25%

Quality Brand

Yanmar, a market leader, was one of the first companies to manufacture the Gas Driven VRF systems 20 years ago. Today there are more than 500,000 gas driven systems installed in buildings throughout Japan.

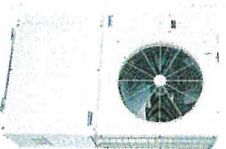


Natural Gas Powered A/C Units



14kW Model # YRMP140G1

Cooling Capacity:	14 kW
Heating Capacity:	16 kW
Height:	174cm
Width:	110cm
Depth:	50cm
Max indoor units:	8
Power Consumption:	2.0 Amps (cooling) 2.1 Amps (heating)



18kW Model # YRMP180G1

Cooling Capacity:	18 kW
Heating Capacity:	20 kW
Height:	174cm
Width:	110cm
Depth:	50cm
Max indoor units:	10
Power Consumption:	2.5 Amps (cooling) 2.6 Amps (heating)

Other units available from 28kw up to 85kw

Contact Details



For more information contact

Origin Solutions on 1800 052 464

visit www.originenergy.com.au/gasaircon

or email originsolutions@originenergy.com.au

Natural Gas Powered Air Conditioning

The energy efficient and environmentally friendly choice for air conditioning



Benefits of Natural Gas Powered Air Conditioning

Energy Savings

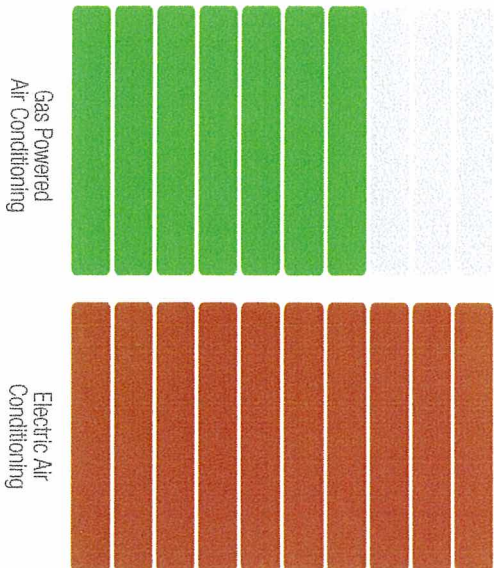
A Natural Gas Powered Air Conditioning unit is driven by a gas engine, meaning only the fan and peripheral equipment consume electricity. This reduces electrical power consumption of the outdoor unit to only approximately 10% of an electric air conditioning unit of similar class. As well as cutting electricity consumption, the use of economical gas as the main energy source also offers potential reductions in running costs. The Natural Gas Air Conditioning control system adjusts the engine speed to match the indoor load, which makes economical and comfortable, high-efficiency operation. Additionally gas powered air conditioning doesn't use water for cooling so there is no need to use our precious water resources.



All figures are approximate and may vary depending on unit size, usage and local energy costs.

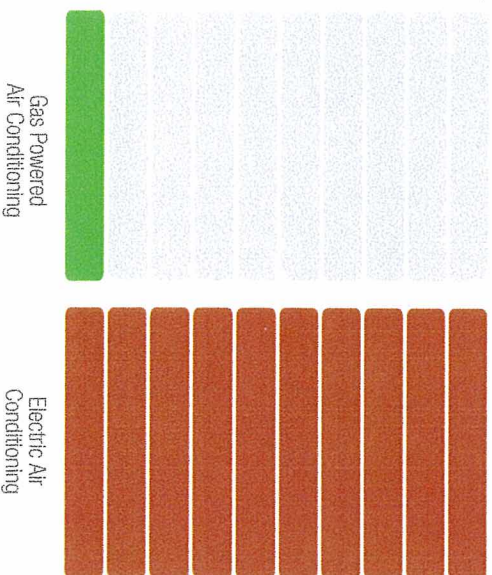
Running Costs in Adelaide

30% Reduction in outdoor unit running costs compared to similar electric air conditioning



Electricity Consumption

90% Reduction in electricity consumption of the outdoor unit compared to similar electric air conditioning

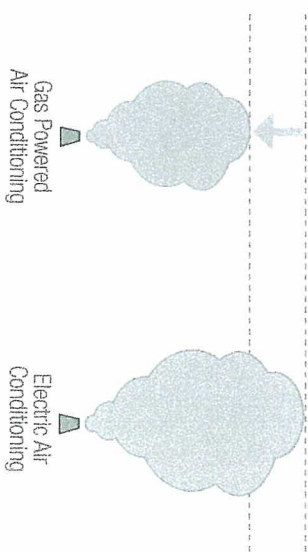


Environment

A Natural Gas Powered Air Conditioning unit minimizes the impact on the environment. By choosing Natural Gas Powered Air Conditioning unit you can reduce your CO2 emissions by around 25%. Additionally Natural Gas generates lower levels of environmentally damaging NOx, SOx and CO2 compared to coal or oil burned to generate electricity. Natural Gas Powered units also use an Ozone friendly refrigerant.

CO2 Emissions

25% Reduction in Annual CO2 Emissions



Energy Source Emissions

Compared with Coal and Oil Natural Gas generates lower levels of environmentally damaging substances such as NOx, SOx and CO2

