

Features and Benefits of York Refrigerated cooling



R410-A
Environmentally-friendly refrigerant cools and heats more efficiently without destroying the ozone layer.



Compact Design
Smaller dimensions for easy installation, transportation and reduced cost.



Auto Restart
Unit is automatically returned to previous operating conditions after a power outage for simplified operation.



3-Minute Protection
A 3-minute delay before the compressor will restart helps avoid compressor damage and work time.



Specifications

Model	Indoor Unit	6850025	6850035	6850045	6850045	6850065
	Outdoor Unit	6850023	6850033	6850043	6850047	6850063
Indoor Unit						
Power Supply	V-ph-Hz	240-1-50	240-1-50	240-1-50	415-3-50	415-3-50
Rated Capacity	kW	12.0	13.6	16.6	17.0	19.6
Rated Input	KW	3.84	4.35	4.71	5.44	6.11
AEER		3.13	3.13	3.15	3.13	3.13
Unit Dimensions WxHxD	mm	555x548x1070	555x548x1070	555x648x1156	555x648x1156	555x648x1256
Starter sizes Supply/Return	mm	450/450	450/450	500/500	500/500	500/500
Outdoor unit						
Power Supply	V-ph-Hz	240-1-50	240-1-50	240-1-50	415-3-50	415-3-50
Rated Current (RLA)	Amps	15	18	21	7.9	10.7
Compressor		Scroll	Scroll	Scroll	Scroll	Scroll
Sound Power Level	dB(a)	65	65	66	66	66
Refrigerant		R410A	R410A	R410A	R410A	R410A
Refrigerant charge length	Metres	7.5	7.5	7.5	7.5	7.5
Refrigerant Pipe Sizes	(Suc/Liq) Dia. mm	9.52/19.05 (3/8" - 3/4")	9.52/19.05 (3/8" - 3/4")	9.52/19.05 (3/8" - 3/4")	19.52/19.05 (3/8"-3/4")	12.7/22.22 (1/2"-7/8")
Max pipe length	m	50	50	50	50	50
Max difference in level	m	30	30	30	30	30
Unit Dimensions WxHxD	mm	754x870x754	754x870x754	840x1070x840	840x1070x840	900x1070x900

YORK
INSTALL CONFIDENCE

Your nearest Bonaire stockist is:-



York® air conditioning units come standard with a five year warranty when used in domestic applications. Commercial applications warranty is one year.

BONAIRE
The leaders in heating and cooling

For further information please phone:

VIC (03) 8795 2424 **SA** (08) 8307 5300
WA (08) 9454 1010 **Dubbo** (02) 6882 2733

bonaire.com.au

A CLIMATE TECHNOLOGIES BRAND ABN 13 001 418 042.
26 Nylex Avenue, Salisbury 5108.

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YORK
INSTALL CONFIDENCE

Dual Cycle
Systems

BONAIRE
The leaders in heating and cooling



**DUAL
CYCLE**



YORK®

Delivering healthier environments and sustainable solutions throughout the world.

York was one of the industry pioneers developing the first forms of air conditioning in the late 1800's. For over 135 years the York brand has been building a reputation quality and reliability. They are now renowned for manufacturing an extensive range of commercial products which have been used to cool and heat some of the most famous structures throughout the world including the Empire State Building, the US Capital Building, the English Chunnel and the Sydney Opera House. The same commercial unit build quality and robustness has been extended to their residential product resulting in York being well recognised as a premium product supplying air conditioning systems to American households in the millions.

York has also been a long serving member of the Energy Star® program in the United States which over the years has led to savings of over US\$17 billion on energy bills and significantly contributed to reducing greenhouse gas emissions.

In 2006, York became a brand of Johnson Controls, a company that is a world leader in building efficiency. Using the renowned resources of the Johnson Control business, York continue to devote significant effort into building products with reliability and features that customers desire. The York commitment extends to the performance and reliability testing of their product which is unmatched the air conditioning industry.

Bonaire®

The Leaders in heating and cooling

For over 60 years Bonaire has been providing heating and cooling solutions for Australians and in many parts of the world. As one of the early pioneers of heating and cooling in Australia, Bonaire has been responsible for researching the latest technologies and developing these technologies into air conditioning products which are the forefront of airconditioning.

Our engineering team comprise some of the most experienced people in the air conditioning industry in Australia who are continually striving to refine and improve the products to ensure the optimum in quality and reliability.

Bonaire boasts a range of products which include proven high performing yet economical to run domestic and commercial evaporative coolers as well as mid to high efficiency, fully featured ducted gas heaters.

Bonaire products have been designed to provide effective and efficient heating and cooling for the harshest of Australian environments. The quality, durability and reliability is now recognised around the world resulting in many of the products being sold in many countries outside of Australia.

Bonaire is a part of the Climate Technologies group, a privately owned wholly Australian company with manufacturing plants in Adelaide, South Australia and Leeton, New South Wales.

YORK and Bonaire.

Two great names, one great partnership

YORK has appointed Bonaire as the Australian distributor. So now Bonaire can bring to you and your family world class, user friendly cooling and heating products right here in Australia.

Whether you are looking to condition a small area with a wall split, a ducted reverse cycle system or looking for the optimum in luxury with a combined gas heating /refrigerated cooling dual cycle system, Bonaire and York have the perfect system for you.

When you are looking for the optimum in home heating and cooling you cannot go past a Dual Cycle system.

Dual Cycle combines the instant heat of a ducted gas heating system with the cool comfort of a refrigerated airconditioning system. And all this runs through one duct system and off one single control.

At Bonaire we have researched product from around the world to find the perfect refrigerated partner for our innovative range of gas ducted heaters.

With York we found a partner of international standing who has been engineering and manufacturing reverse cycle systems in large quantities for many years. The York units are ideally suited to combine with the Bonaire ducted heaters to provide system for your home

Nothing is better than the best of both worlds in heating and cooling with a Bonaire and York® Dual Cycle system.

Whole of home heating and cooling

Ducted gas heater

Refrigerated coil

Outdoor compressor unit



Benefits of a York® Dual Cycle System

- Leading Ducted Gas Heater manufacturer
- Internationally renowned refrigerated cooling manufacturer
- Uncompromised constant heating performance regardless of how cold it is outside
- The entire system, operation, programming and zoning is controlled by one single Navigator control
- Choice of hard wired or RF remote Navigator Control
- Fully combined heating and cooling comfort through one ducting system
- Integrated zone control for four zones as standard or an optional 8 zones**
- Zoned refrigerated cooling

**Requires zone dampers and motors which are supplied by the installer at additional cost



Navigator® Remote Control

If you are after the very latest in controls and technology, the Navigator wireless radio frequency control is for you. This controller allows you to change settings without leaving the comfort of your armchair.



- Wireless radio frequency
- Multiple controller option – up to 4 controllers
- Able to operate from room to room
- Thermostat comfort sensing from any room with an outlet
- Large, clear and easy-to-read backlit LCD display
- Intuitive operation
- Customised operational settings
- Diagnostics and error reporting
- Optional controlling of multiple appliances
- Easy to operate in 4 selectable operating modes
- 24 hour programmable start and stop times
- Compatible with Bonaire 4 and 5 Star Gas Central Heating and York Dual Cycle

NB: Blue screen for cooling, orange for heating

Navigator® Hard Wired Control

The wall mounted Navigator Controller has all of the features of the wireless, but is fixed in the living areas of your home. It will maintain temperatures and operation and allow all setting changes from a fixed location.



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- Optional controlling of multiple appliances
- Easy to operate in 4 selectable operating modes
- 24 hour programmable start and stop times
- Compatible with Bonaire 4 and 5 Star Gas Central Heating and York Dual Cycle
- Multiple control option – 1 wall mounted and up to 3 Navigator Remote Controls