

With any air conditioning system the key result we are looking to achieve is comfort. We want to be comfortably cool during the heat of summer and comfortably warm in the depths of winter.

The YORK® range of High Static Ducted Air Conditioning units had been designed specifically with comfort in mind. They are also designed to provide this comfort in an easy to operate and highly efficient unit.

The wide range of sizes can accommodate most customer needs and their flexible installation makes them an easy fit for a variety of applications.

All models meet the highest energy efficiency ratings, so less energy is consumed without sacrificing the comfort. Both the condensing units and indoor units are engineered for quiet operation.



## Specifications

| Model                            | Indoor Unit<br>Outdoor Unit | 6850014<br>6850012    | 6850034<br>6850032     | 6850044<br>6850042     | 6850054<br>6850052      | 6850074<br>6850072      |
|----------------------------------|-----------------------------|-----------------------|------------------------|------------------------|-------------------------|-------------------------|
| <b>Indoor Unit</b>               |                             |                       |                        |                        |                         |                         |
| Power Supply                     | V-ph-Hz                     | 240-1-50              | 240-1-50               | 240-1-50               | 415-3-50                | 415-3-50                |
| Mode                             |                             | Inverter              |                        |                        |                         |                         |
| Cooling                          | Rated Capacity              | kW 10.4               | 13.5                   | 16.8                   | 20                      | 26.1                    |
| Heating                          | Rated Capacity              | kW 11.2               | 16                     | 17.7                   | 20                      | 26.4                    |
|                                  | Capacity Range              | kW 5.3-12.0           | 6.9-15.5               | 8.5-19.0               | 2.5 - 25.0              | 10.0-30.0               |
| Cooling                          | Rated Input                 | kW 3.25               | 4.22                   | 5.30                   | 6.20                    | 8.20                    |
| Heating                          | Rated Input                 | kW 3.15               | 4.50                   | 5.20                   | 6.20                    | 7.83                    |
|                                  | AEER                        | W/W 3.16              | 3.17                   | 3.15                   | 3.11                    | 3.11                    |
|                                  | ACOP                        | W/W 3.50              | 3.52                   | 3.38                   | 3.11                    | 3.29                    |
|                                  | Starting current            | Amps 3.5              | 4.0                    | 4.0                    | 2.0                     | 2.5                     |
|                                  | Moisture removal            | L/hr 2.7              | 3.2                    | 3.8                    | 7.33                    | 9.72                    |
|                                  | Airflow H/M/L               | L/sec 889/764/639     | 917/792/653            | 1028/889/819           | 1289/1159/1037          | 1289/1159/1037          |
|                                  | Unit Dimensions             | WxHxD 1200x380x550    | 1200x380x550           | 1400x440x770           | 1470x510x795            | 1470x510x795            |
| Starter sizes                    | Supply                      | mm 1000x253           | 1000x253               | 1186x385               | 805x205                 | 805x205                 |
|                                  | Return                      | mm 1145x334           | 1145x334               | 1200x380               | 1140x395                | 1140x395                |
| <b>Outdoor unit</b>              |                             |                       |                        |                        |                         |                         |
| Power Supply                     | V-ph-Hz                     | 240-1-50              | 240-1-50               | 240-1-50               | 415-3-50                | 415-3-50                |
| Compressor                       |                             | Rotary                | Rotary                 | Scroll                 | Scroll                  | Scroll                  |
| Sound Pressure Level             | dB(a)                       | 62                    | 62                     | 63                     | 66                      | 66                      |
| Sound Power Level                | dB(a)                       | 71                    | 71                     | 72                     | 73                      | 73                      |
| Refrigerant                      |                             | R410A                 | R410A                  | R410A                  | R410A                   | R410A                   |
| Refrigerant charge length        | Metres                      | 5                     | 5                      | 5                      | 5                       | 5                       |
| Refrigerant Pipe Sizes (Suc/Liq) | Dia. mm                     | 9.52/15.9 (3/8"-5/8") | 9.52/19.05 (3/8"-3/4") | 9.52/19.05 (3/8"-3/4") | 12.7/28.6 (1/2"-1 1/8") | 12.7/28.6 (1/2"-1 1/8") |
| Max pipe length                  | Metres                      | 65                    | 65                     | 65                     | 50                      | 50                      |
| Max difference in level          | Metres                      | 30                    | 30                     | 30                     | 30                      | 30                      |
| Unit Dimensions                  | WxHxD                       | 990x965x345           | 938x1369x392           | 938x1369x392           | 948x1585x968            | 948x1585x982            |
| Operating range                  | 0°                          | -15 to 50             | -15 to 50              | -15 to 50              | -15 to 48               | -15 to 48               |

**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    **NSW** (02) 9735 7000  
**QLD** (07) 9454 4300    **WA** (08) 9454 1010  
**SA** (08) 8307 5300    **ACT** (02) 6239 3400  
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In the interest of continued product improvement, Bonaire reserves the right to alter specifications without notice E. & O.E. Colours represented are as accurate as the printing process will allow. Images used, are for illustration purposes only. August 2015

**YORK**  
INSTALL CONFIDENCE

**Ducted Inverter  
Reverse Cycle Systems**



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The leaders in heating and cooling

Proudly distributed in Australia by the Bonaire Specialist Dealer network



## 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.



### Indoor units

- Auto restart
- Quiet operation
- Fully washable air filter
- High velocity airflow
- Robust construction
- Simple installation



### Outdoor Condensing units

- Compact size
- Hi efficiency compressors
- Quiet operation
- Full valve protection
- Low ambient kit
- Robust construction
- Powder coated cabinets



### Wall Control

- Big LCD Display
- 24 hour timer
- 5 Separate operation modes
- Fan speed selection
- Easy to operate

## An efficient solution for more comfortable environments

### Features and Benefits



#### 24-Hour Timer

Allows programmed start times up to 24 hours in advance for flexible and more convenient operation.



#### Electrical Defrosting

Automatic de-icing of outdoor unit below certain temperatures helps ensure proper operation, saves energy and improves efficiency. (Heat pump only)



#### R410-A

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



#### Self Diagnosis

Clearly displayed failure codes allow for quicker troubleshooting and easier maintenance.



#### Compact Design

Smaller dimensions for easy installation, transportation and reduced cost.



#### 3-Minute Protection

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



#### Auto Restart

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



#### Multi-Speed Fan

Multi-speed fan helps satisfy various airflow requirements.



#### Inner Groove Copper Tubes

Inner groove copper tubing allows more refrigerant to pass through improving heat exchange by 30 to 50% when compared to traditional copper tubing and lowering power consumption while keeping output capacity at the same level.

