

York Inverter Multi Split Connectables Chart

York 9.5kW Outdoor Multi Split Wall Hung Connectables Chart

	Combination					Rated capacity Output/kW (Nominal cooling)					Total cooling capacity (kW)	
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E		
2 Head				3.6	7.0				3.23	6.27	9.50	
				5.2	7.0				4.05	5.45	9.50	
				7.0	7.0				4.75	4.75	9.50	
3 Head			3.6	3.6	5.2				2.76	2.76	3.98	9.50
			3.6	5.2	5.2				2.44	3.53	3.53	9.50
			2.7	2.7	5.2				2.42	2.42	4.66	9.50
			2.0	3.6	5.2				1.76	3.17	4.57	9.50
			2.0	5.2	5.2				1.53	3.98	3.98	9.50
			2.7	3.6	5.2				2.23	2.97	4.30	9.50
			2.0	2.0	7.0				1.73	1.73	6.05	9.50
			2.0	2.7	7.0				1.62	2.19	5.68	9.50
			2.7	2.7	7.0				2.07	2.07	5.36	9.50
			2.0	3.6	7.0				1.51	2.71	5.28	9.50
4 Head			2.0	5.2	7.0				1.34	3.48	4.68	9.50
			2.7	3.6	7.0				1.93	2.57	5.00	9.50
		2.0	2.7	2.7	3.6		1.73	2.33	2.33	3.11	9.50	
		2.7	2.7	2.7	3.6		2.19	2.19	2.19	2.92	9.50	
		2.0	2.0	2.0	5.2		1.70	1.70	1.70	4.41	9.50	
		2.0	2.0	2.7	5.2		1.60	1.60	2.16	4.15	9.50	
		2.0	2.7	2.7	5.2		1.51	2.04	2.04	3.92	9.50	
5 Head			2.7	2.7	5.2		1.93	1.93	1.93	3.71	9.50	
			2.0	2.0	7.0		1.46	1.46	1.46	5.12	9.50	
			2.0	2.0	2.7	7.0	1.39	1.39	1.87	4.85	9.50	
		2.0	2.0	2.0	3.6	1.64	1.64	1.64	1.64	2.95	9.50	
		2.0	2.0	2.7	3.6	1.54	1.54	1.54	2.09	2.78	9.50	
		2.0	2.0	2.7	3.6	1.46	1.46	1.97	1.97	2.63	9.50	
		2.0	2.7	2.7	3.6	1.39	1.87	1.87	1.87	2.50	9.50	
		2.7	2.7	2.7	3.6	1.78	1.78	1.78	1.78	2.38	9.50	
		2.0	2.0	2.0	5.2	1.44	1.44	1.44	1.44	3.74	9.50	
		2.0	2.0	2.0	2.7	5.2	1.37	1.37	1.37	1.85	3.55	9.50
	2.0	2.0	2.7	2.7	5.2	1.30	1.30	1.76	1.76	3.38	9.50	
	2.0	2.0	2.0	7.0	1.27	1.27	1.27	1.27	4.43	9.50		

1. Cooling capacity is based on temperature: Indoor 27C Dry Bulb / 19C Wet Bulb; Outdoor 35C Dry Bulb / 24C Wet Bulb
 2. The total rated capacity of connected indoor units must be <=13kW for 8.2kW units and <= 15kW for 9.5kW units.
 3. If the combination ratio is >130% the indoor units should be zoned (some indoor units not running) during heavy demand.
 4. Full performance with all indoors running under high demand requires proper matching at time of installation.
 5. Adaptors may be required at indoor unit end to upsize connections. Contact your Bonaire sales representative for details.

York 8.2kW Outdoor Multi Split Wall Hung Connectables Chart

	Combination				Rated capacity Output/kW (Nominal cooling)				Total cooling capacity (kW)		
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D			
2 Head			3.6	5.2				3.35	4.85	8.20	
			3.6	7.0				2.78	5.42	8.20	
			5.2	7.0				3.50	4.70	8.20	
3 Head			7.0	7.0				4.10	4.10	8.20	
		2.0	2.0	5.2				1.78	1.78	4.63	8.20
		3.6	3.6	5.2				2.38	2.38	3.44	8.20
		3.6	5.2	5.2				2.11	3.05	3.05	8.20
		2.7	2.7	5.2				2.09	2.09	4.02	8.20
		2.0	3.6	5.2				1.52	2.73	3.95	8.20
		2.0	5.2	5.2				1.32	3.44	3.44	8.20
		2.7	3.6	5.2				1.93	2.57	3.71	8.20
		2.0	2.0	7.0				1.49	1.49	5.22	8.20
		2.0	2.7	7.0				1.40	1.89	4.91	8.20
4 Head		2.7	2.7	7.0				1.79	1.79	4.63	8.20
		2.0	3.6	7.0				1.30	2.34	4.56	8.20
		2.0	2.0	2.0	3.6	1.71	1.71	1.71	3.08	8.20	
		2.0	2.0	2.7	3.6	1.59	1.59	2.15	2.87	8.20	
		2.0	2.7	2.7	3.6	1.49	2.01	2.01	2.68	8.20	
		2.7	2.7	2.7	3.6	1.89	1.89	1.89	2.52	8.20	
		2.0	2.0	2.0	5.2	1.46	1.46	1.46	3.81	8.20	
		2.0	2.0	2.7	5.2	1.38	1.38	1.86	3.58	8.20	
		2.0	2.7	2.7	5.2	1.30	1.76	1.76	3.38	8.20	
		2.7	2.7	2.7	5.2	1.66	1.66	1.66	3.21	8.20	
	2.0	2.0	2.0	7.0	1.26	1.26	1.26	4.42	8.20		

1. Cooling capacity is based on temperature: Indoor 27C Dry Bulb / 19C Wet Bulb; Outdoor 35C Dry Bulb / 24C Wet Bulb
 2. The total rated capacity of connected indoor units must be <=13kW for 8.2kW units and <= 15kW for 9.5kW units.
 3. If the combination ratio is >130% the indoor units should be zoned (some indoor units not running) during heavy demand.
 4. Full performance with all indoors running under high demand requires proper matching at time of installation.
 5. Adaptors may be required at indoor unit end to upsize connections. Contact your Bonaire sales representative for details.



York Inverter Multi Split Specifications

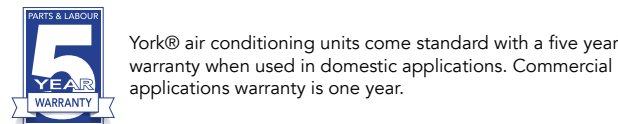
Outdoor Units		6820050	6820060
Power Supply	V-Ph-Hz	240-1-50	240-1-50
Cooling Rated Capacity	kW	8.2	9.5
Heating Rated Capacity	kW	9.6	10.5
Cooling Rated Input	W	2250	2600
Heating Rated Input	W	2550	2830
AEER	W/W	3.52	3.42
ACOP	W/W	3.68	3.52
Refrigerant	R410-A	R410-A	R410-A
Compressor	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary
Sound Power Level	dB(a)	68	69
Refrigerant Pipe Sizes (Liquid Side)	mm(Φ)	4* 6.35	5* 6.35
Refrigerant Pipe Size (Gas Side)	mm(Φ)	3* 9.52+1*12.7	4* 9.52+1*12.7
Maximum Refrigerant Pipe Length	m	70	80
Unit Dimensions WxDxH	mm	948×340×840	948×340×840
Unit Weight	kg	76	77



Indoor Units		6820020	6820021	6820031	6820041	6820051
Power Supply	V-Ph-Hz	240-1-50	240-1-50	240-1-50	240-1-50	240-1-50
Cooling Rated Capacity	kW	2.0	2.7	3.6	5.2	7.0
Heating Rated Capacity	kW	2.2	2.8	3.7	5.8	7.5
Airflow H/M/L	m³/hr	600	600	650	900	1200
Unit Dimensions WxHxD	mm	855×204×280	855X204X280	855X204X280	997×235×322	1115×248×336
Unit Weight	kg	10	10	10	13	16



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.



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.
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Multi Split System Air Conditioners



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.

YORK® Inverter Multi Split cooling systems.

York® inverter multi splits provide you with the convenience of one outdoor unit connected to up to five indoor heads. Ideal for air conditioning installations where roof space is limited, you can have different areas of your home air conditioned with each individually controlled. The multi split indoor unit has a sleek, subtle design that looks cool and classy on any wall. York inverter multi split systems are highly efficient and simple to program - with user-friendly options like 'time till on' and 'time till off' - runs quietly and offers comfortable, reliable performance year after year.



Advanced inverter technology

Thanks to their advanced technology, YORK® inverter split systems come with many significant advantages over conventional systems.

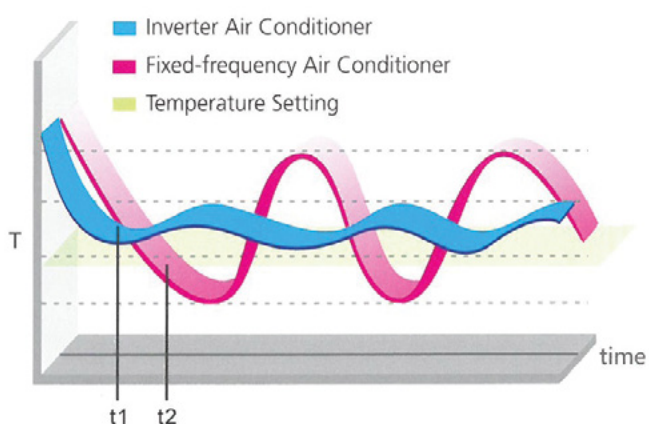
Highly efficient

Because a YORK inverter can easily increase or decrease power to the compressor and fans (depending on what's required to reach your ideal comfort level), they operate more efficiently and economically than traditional 'stop/start' fixed speed units.

Conventional fixed speed units operate at 100%, delivering a fixed volume of cooling. Whereas inverter technology automatically increases or decreases the power you need depending on the current temperature.

Quick to respond

When a YORK inverter multi split system is switched on, it automatically switches to high speed to achieve your desired temperature as quickly as possible. It then adjusts the fan speed to help you keep cool for as long as you need.



Quiet operation

Quiet at the best of times, a YORK multi split inverter system also provides a low noise sleep option which automatically adjusts your room temperature while you sleep.

Condenser Outdoor unit

The YORK condenser unit is also quiet and efficient - sitting unobtrusively somewhere outside your home. Up to 5 indoor units can be connected to a single condenser outdoor unit.



Easy remote control

The remote makes it very easy to adjust your comfort level from wherever you are in the room. The LCD display on the remote and the LED display on the unit itself are synchronised - so you always have an accurate fix on current room temperature.



- Clock display
- On-off TIMER
- 24-Hour timer
- Room temperature display
- Fan speed selecting
- Child lock function
- Auto swing

Features and Benefits



Quiet operation

To minimise noise, both indoor and outdoor units are designed with a consummate operation mechanism (i.e. insulation blanket for the compressor, and lower-noises motor). So you can quietly enjoy a cooled-down living space, despite the sizzling heat outside.



High efficient internal thread copper pipe

Inner groove copper tubing lets more refrigeration pass through, improving heat exchange by 30-50% compared to traditional copper tubing. It also helps lower power consumption for the same rate of output.



Low-voltage starting and wide-voltage operation

Because the starting current is low, the soft start at low frequency has no impact on the power grid. The machine can start up normally at an extra low voltage of 165, and operate stably at 165-265V.



Independent dehumidification

The independent dehumidifying function is able to keep your clothes dry even if the weather gets humid.



Anti-cold air

In heating mode, the fan speed is controlled according to the evaporator temperature. The cross fan only begins to run when the evaporator is warm enough, which prevents any cold blasting.



Auto restart

After being turned off or in case of an accidental power cut, the air conditioners will retain and restore the temperature and other settings until being turned on again.



Strong cooling and heating

Quality compressors and motors made by renowned manufacturers guarantees you get a cool experience in the quickest time.



Auto-protection

With the auto-protection function, errors are detected by the PCB and displayed by LED on the indoor unit before protection is commenced.



180 sine wave

180 sine wave DC inverter technology means the air conditioner is more adaptable and stable, with a reduction in power consumption and more accurate cooling and heating.



Anti-mildew

There is no chance of mildew as the cross fan runs for 3 minutes after shutting off to ensure any humidification in the indoor unit is dried.



Chord response

The chord music for the on/off response sound is designed to be pleasant sounding.



Timer mode

The convenience of a 24h/12h timing on/off function.



The filter mesh can be easily dismantled and cleaned

Easy dismantling and cleaning of the filter guarantees a healthier indoor environment.



± 0.5 Precise temperature control

For a comfortable environment, temperatures can be accurately controlled to a deviation of ± 0.5C to prevent it getting too hot or cold.



LED display

The LED display is designed to be user friendly.



Inner Groove Copper Tube

A more efficient internal thread copper pipe means the refrigerant (heating) efficiency is improved. This saves running costs by lowering the power consumption needed to achieve the same output.

YORK®
INSTALL CONFIDENCE