



 **YORK**

YORK® Variable Water Flow (YVWF)  
Amichi® Series  
Airside Indoor Units

Elevating your health and comfort  
with cutting-edge technology



# YORK® - A Legacy of Innovation

Trusted in the world's most prestigious buildings for more than 145 years, YORK® make homes, offices and commercial spaces more comfortable and sustainable.

When you have small to medium comfort applications to be cooled and heated you can now count on **YORK® Amichi™ Inverter Scroll Air Cooled Chillers for Variable Water Flow (VWF) system.**

**YORK® Variable Water Flow** offers optimum and modular design, higher diversity, higher flexibility, higher reliability and consistent performance over its life cycle.

## Sustainable Cooling Solutions with YORK® Variable Water Flow



Airports



Commercial Real Estate



Data Centers



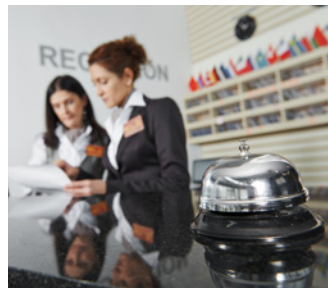
Food & Beverages



Government



Healthcare



Hospitality



Industrial & Manufacturing



Life Sciences



Marine and Navy



Oil & Gas



Rail & Metro



Retail



Schools & Higher Education



Smart Cities



Sport and Entertainment

# YORK® YVAG

## Air-cooled DC Inverter Scroll Chiller and Heat Pump

YVAG 012 to 040

A complete range from 11.2 kW up to 40 kW



### Features

- High Efficiency
- Built in Pump
- Optimized Low sound
- Cooling & Heating
- Plug & Play
- Factory coated Condenser
- Modular Units: can control up to 4 units up to 160 kW

### Technical features

| Model                            |                          | YVAG012                         | YVAG018       | YVAG025 | YVAG033           | YVAG040 |            |
|----------------------------------|--------------------------|---------------------------------|---------------|---------|-------------------|---------|------------|
| <b>Performance</b>               | Nominal Cooling Capacity | kW                              | 11.2          | 18      | 25                | 32      | 40         |
|                                  | Nominal Heating Capacity | kW                              | 12.6          | 19.5    | 27                | 34      | 42         |
|                                  | Sound Power Level        | dB(A)                           | 54            | 57      | 57                | 59      | 62         |
| <b>Compressor</b>                | Type                     | Rotary DC Inverter              |               |         | EVI DC Inverter   |         |            |
|                                  | Quantity                 | #                               | 1             | 1       | 1                 | 1       | 1          |
| <b>Air side heat exchanger</b>   | Fan motor type           | Brushless DC Fan Motor          |               |         |                   |         |            |
|                                  | Fans quantity            | #                               | 2             | 2       | 2                 | 2       | 2          |
|                                  | Airflow                  | m³/h                            | 2500-6600     |         | 2500-10500        |         | 2500-15000 |
| <b>Water side heat exchanger</b> | Type                     | Brazed Plate Heat Exchanger     |               |         |                   |         |            |
|                                  | Pump Type                | Multiple Stage Centrifugal Pump |               |         |                   |         |            |
|                                  | Nominal water flow       | m³/h                            | 1.93          | 3.1     | 4.3               | 5.5     | 6.88       |
|                                  | Unit external head       | m                               | 15            | 11      | 19                | 14      | 14         |
| <b>Dimensions and weight</b>     | Height                   | mm                              | 1320          | 1320    | 1588              | 1588    | 1700       |
|                                  | Width                    | mm                              | 995           | 995     | 1100              | 1100    | 1300       |
|                                  | Depth                    | mm                              | 360           | 360     | 400               | 400     | 760        |
|                                  | Operating weight         | kg                              | 126           | 141     | 210               | 215     | 350        |
| <b>Electrical</b>                | Power supply             | V/ph/Hz                         | 230V/1ph/50Hz |         | 380/400V-3Ph-50Hz |         |            |

Nominal conditions:

Cooling capacities in kW given for 12/7°C water leaving temperature  $\Delta t$  5°C and 35°C ambient temperature.

Heating capacities in kW given for 40/45°C water leaving temperature and 7°C ambient temperature.

Sound data is tested in YORK lab which may vary according to different installation conditions.

# YORK® YMAE

## Air-cooled DC Inverter Scroll Chiller and Heat Pump

YMAE 045 to 140

A complete range from 45 kW to 140 kW



### Features

- High Efficiency
- Optional inbuilt pump
- Optimized Low sound
- Cooling & Heating
- Plug & Play
- Factory coated Condenser
- Modular Controls : Up to 32 units can be connected in one system providing wide capacity range (45- 2080 kW)

### Technical features

| Model                            |                          | YMAE045                     | YMAE065           | YMAE140 |         |
|----------------------------------|--------------------------|-----------------------------|-------------------|---------|---------|
| <b>Performance</b>               | Nominal Cooling Capacity | kW                          | 45                | 65      | 140     |
|                                  | Nominal Heating Capacity | kW                          | 46                | 66      | 145     |
|                                  | Sound Power Level        | dB(A)                       | 66                | 68      | 69      |
| <b>Compressor</b>                | Type                     | EVI DC Inverter             |                   |         |         |
|                                  | Quantity                 | #                           | 1                 | 1       | 2       |
| <b>Air side heat exchanger</b>   | Fan motor type           | Brushless DC Fan Motor      |                   |         |         |
|                                  | Fans quantity            | #                           | 2                 | 2       | 2       |
|                                  | Airflow                  | m <sup>3</sup> /h           | 0-15000           | 0-22000 | 0-44000 |
| <b>Water side heat exchanger</b> | Type                     | Brazen Plate Heat Exchanger |                   |         |         |
|                                  | Pump Type                | Centrifugal pump            |                   |         |         |
|                                  | Nominal water flow       | m <sup>3</sup> /h           | 7,74              | 11,19   | 23,22   |
|                                  | Unit external head       | m                           | 22                | 15      | -       |
| <b>Dimensions and weight</b>     | Height                   | mm                          | 1700              | 1700    | 2440    |
|                                  | Length                   | mm                          | 1300              | 1650    | 2250    |
|                                  | Width                    | mm                          | 760               | 760     | 1200    |
|                                  | Operating weight         | kg                          | 357               | 440     | 970     |
| <b>Electrical</b>                | Power supply             | V/ph/Hz                     | 380/400V-3Ph-50Hz |         |         |

Nominal conditions:

Cooling capacities in kW given for 12/7°C water leaving temperature  $\Delta t$  5°C and 35°C ambient temperature.

Heating capacities in kW given for 40/45°C water leaving temperature and 7°C ambient temperature.

Sound data is tested in YORK lab which may vary according to different installation conditions.



# YORK® YMPA Air-cooled Inverter Scroll Chiller and Heat Pump

YMPA 0080 to 0260

A complete range from 78 kW up to 255 kW



Heat Pump Product of the Year  
WINNER ACR AWARDS 2021



| YORK System Setpoints |   |
|-----------------------|---|
| System Setpoints      | System Setpoints  |
| System                | Coil Temp. After Defrost 10 °C                          |
| Unit                  | Mode Control Select HMI                                 |
| Fault                 | ON/OFF Control Select HMI                               |
| Diagnosis             | Memory In Power Off <input checked="" type="checkbox"/> |
| Schedule              | Clear Running Time <input checked="" type="checkbox"/>  |
| HMI                   |   |
| May, 24th 2020 15:58  |   |

## Exceeding Efficiency Standards

The YORK® Amichi Series Air-Cooled DC Inverter Scroll Chillers and Heat Pumps have been designed to meet tomorrow's efficiency standards today. Delivering performance beyond typical chiller and heat pump efficiency levels, the YORK® Amichi Series meets or exceeds stringent regulatory requirements (see chart below) through an optimized combination of efficiency-enhancing technologies from YORK®.

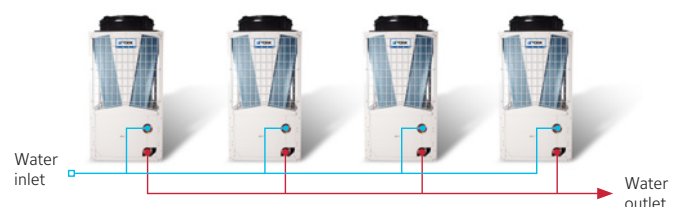
| ECODESIGN REGULATIONS CATEGORY: | EFFICIENCY METRIC: | TOMORROW'S STANDARDS MET TODAY:                        |
|---------------------------------|--------------------|--|
| Comfort Heating                 | SCOP/ηsh           | <b>Amichi Heat Pump:</b> Sept. 2017 Compliant (Tier 2) |
| Comfort Cooling                 | SEER/ηsc           | <b>Amichi Chiller:</b> Jan. 2021 Compliant (Tier 2)    |
| Process Cooling (Med. Temp.)    | SEPR               | <b>Amichi Chiller:</b> July 2018 Compliant (Tier 2)    |
| Process Cooling (High Temp.)    | SEPR               | <b>Amichi Chiller:</b> Jan. 2021 Compliant (Tier 2)    |

## Performance Without Compromise

The YORK® Amichi Series is a no-compromise solution for a variety of climates and locations. It can maintain efficiency in a variety of conditions without kits or add-ons (down to -18°C ambient in cooling mode and -15°C ambient in heating mode). With the smallest footprint across the widest capacity range on the market, the YORK® Amichi Series is also the perfect solution for high performance in smaller spaces. Our systems offer two levels of sound performance. If requirements call for sound attenuation beyond our standard low-noise levels, an optional Ultra Quiet Kit can further reduce sound power by 6 dBA, providing one of the quietest units available.

## Modular system - Greater design flexibility

- 9 package models or modular combinations
- Controls can be parent/child controller if application requires
- Maximum of 32 units below 130 kW
- Maximum of 16 units above 130 kW



# YORK® YMPA Air-cooled Inverter Scroll Chiller and Heat Pump

YMPA 0080 to 0260

A complete range from 78 kW up to 255 kW

## Maximum reliability

Every new YORK® chiller is subjected to a Highly Accelerated Life Test (HALT) during the design product development stages, allowing us to simulate a variety of extreme conditions and ensuring long-term operational reliability and quality. But our pursuit of quality doesn't stop there.

- **Intelligent defrost** optimizes the sequencing of the defrost cycle and allows the remaining modules in the system to continue to provide heat, reducing interruptions.
- **Compliance and certifications** include EcoDesign 2021 regulatory compliance, Eurovent certification and CE/PED certification.



## High performance and flexibility

The YORK® Amichi Series has up to 4 completely independent circuits to offer greater flexibility and performance.



**YMPA 45 and 65**  
45kW and 65kW  
2 compressors  
1 circuit



**YMPA 80 to 130**  
80kW, 100kW and 130kW  
3-4 compressors  
2 circuits



**YMPA 160 and 200**  
160kW and 200kW  
5-6 compressors  
3 circuits



**YMPA 230 and 260**  
230kW and 260kW  
7-8 compressors  
4 circuits



Customized hermetic scroll compressors designed for A2L refrigerant



Optimized plate heat exchanger, suitable for R454B application



A ventilation system installed inside the unit to ensure no A2L gas accumulates



Leakage detective sensor equipped to detect any gas leakage



# YORK® YMPA

## Air-cooled Inverter Scroll Chiller and Heat Pump

YMPA 0080 to 0260

A complete range from 78 kW up to 255 kW

### Technical features

| Model                     |                                | YMPA0080                        | YMPA0100 | YMPA0130 | YMPA0160 | YMPA0200 | YMPA0230 | YMPA0260 |  |
|---------------------------|--------------------------------|---------------------------------|----------|----------|----------|----------|----------|----------|--|
| Performance               | Nominal Cooling Capacity kW    | 78                              | 99       | 122      | 159      | 188      | 222      | 255      |  |
|                           | Nominal Heating Capacity kW    | 87                              | 99       | 131      | 161      | 190      | 230      | 255      |  |
|                           | Sound Power Level STD/LN dB(A) | 81/77                           | 83/79    | 84/80    | 86/82    | 87/82    | 88/83    | 89/84    |  |
| Compressor                | Type                           | DC Scroll Inverter + Scroll     |          |          |          |          |          |          |  |
|                           | Quantity #                     | 3                               | 3        | 4        | 5        | 6        | 7        | 8        |  |
| Air side heat exchanger   | Fan motor type                 | EC Motor                        |          |          |          |          |          |          |  |
|                           | Fans quantity #                | 2                               | 2        | 2        | 3        | 3        | 4        | 4        |  |
|                           | Airflow m³/h                   | 32400                           | 36000    | 43200    | 61200    | 68400    | 82800    | 90000    |  |
| Water side heat exchanger | Type                           | Braze Plate Heat Exchanger      |          |          |          |          |          |          |  |
|                           | Pump Type                      | Multiple-stage centrifugal pump |          |          |          |          |          |          |  |
|                           | Nominal water flow m³/h        | 13.68                           | 17.28    | 21.24    | 26.64    | 32.76    | 37.8     | 42.84    |  |
|                           | Unit external head kPa         | 15                              | 15       | 15       | 15       | 15       | 15       | 15       |  |
| Dimensions and weight     | Height mm                      | 2440                            |          |          | 2500     |          |          |          |  |
|                           | Length mm                      | 2240                            |          |          |          |          |          |          |  |
|                           | Width mm                       | 1200                            |          |          |          | 3050     |          |          |  |
|                           | Operating weight kg            | 893                             | 920      | 999      | 1922     | 2003     | 2235     | 2316     |  |
| Electrical                | Power supply V/ph/Hz           | 380/400V-3Ph-50Hz               |          |          |          |          |          |          |  |

Nominal conditions:

Cooling capacities in kW given for 12/7°C water leaving temperature Δt 5°C and 35°C ambient temperature.

Heating capacities in kW given for 40/45°C water leaving temperature and 7°C ambient temperature.

Sound data is tested in YORK lab which may vary according to different installation conditions.

Dimension & weight data with standard unit without option. Weight might vary with options like Hydronic kit.

### Safety is our priority

The YORK® Amichi Series Air-Cooled DC Inverter Scroll Heat Pump is designed for safe operation. The new R454B refrigerant was chosen with safety and low toxicity in mind.

R454B has a 78 percent lower GWP value in comparison to R410A and is classified in safety class A2L (non-toxic and difficult to ignite).

This heat pump is equipped with refrigerant leakage sensors, additional switch cabinet ventilation, and software management for leak warning messages. With multiple functional and reliability tests, quality assurance is enhanced.

To maximise safety, the system design has been verified by a third-party certification body to increase customer peace of mind. The customized components together with our advanced technology, give absolute confidence.

|              |                                 | Refrigerants Safety Groups                         |                                    |
|--------------|---------------------------------|--|------------------------------------|
| Flammability | Higher                          | A3   | B3                                 |
|              | Lower                           | A2   | B2                                 |
|              | Difficult to Ignite and Sustain | A2L  | B2L                                |
|              | No Flame Propagation            | A1   | B1                                 |
|              |                                 | Lower  | Higher                             |
|              |                                 | No identified toxicity at concentrations ≤ 400 ppm | Evidence of toxicity below 400 ppm |
|              |                                 | Toxicity   |                                    |

Source: ASHRAE Standard 34 Safety Classification





# YORK® Airside Units

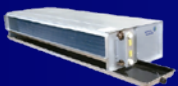
## CHILLED WATER PRODUCT SYSTEM



DUCTED TYPE



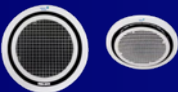
WALL MOUNTED



CEILING CONCEALED



ONE-WAY CASSETTE



ROUND CASSETTE



FOUR-WAY CASSETTE

## AIR HANDLING UNIT



MODULAR AHU



# JCDFCU Ductable Units

JCDFCU 20 to 75

A complete range from 7.0 kW up to 26.4 kW



BMS  
Compatible



Blue-Tec  
Protection



Low Noise  
Operations



Galvanized  
Sheet



Medium Static  
Pressure



## Features

- Available In AC Motor
- Designed for Large Spaces
- Low Noise Levels up to 64 Db
- Blue tech / Silver tech Fin protection
- 10 Micron Filter
- Made of high quality Galvanised sheet and duly powder coated
- BMS compatible controller (option)
- Wired with wireless LCD Remote Control (option)

## Technical features

| Model              |                                      |                | JCDFCU20      | JCDFCU30      | JCDFCU40      | JCDFCU50      | JCDFCU75      |
|--------------------|--------------------------------------|----------------|---------------|---------------|---------------|---------------|---------------|
| Performance        | Nominal Capacity (TR)                | TR             | 2.0           | 3.0           | 4.0           | 5.0           | 7.5           |
|                    | Voltage / Frequency / Phase          | V/Hz/Ph        | 230/50/1      | 230/50/1      | 230/50/1      | 230/50/1      | 230/50/1      |
|                    | Input Power Supply                   |                | Indoor Unit   | Indoor Unit   | Indoor Unit   | Indoor Unit   | Indoor Unit   |
|                    | Cooling Capacity                     | kW             | 7.0           | 10.5          | 14.1          | 17.6          | 26.4          |
|                    | Air Flow Volume                      | CFM            | 824           | 1227          | 1610          | 2011          | 3017          |
|                    | Air Flow Volume                      | CMH            | 1360          | 2040          | 2720          | 3400          | 5100          |
| Filter             | Static                               | mm             | 5             | 5             | 10            | 10            | 10-15.        |
|                    | Filter Configuration                 |                | Mesh Filter   | Mesh Filter   | Mesh Filter   | Mesh Filter   | Mesh Filter   |
| Evaporator Coil    | Face Area                            | m <sup>2</sup> | 0.26          | 0.30          | 0.30          | 0.36          | 0.52          |
|                    | Tube Outside Diameter                | mm             | 9.5           | 7 mm          | 9.5 mm        | 9.5 mm        | 9.5 mm        |
|                    | Tube Material / Grooved              |                | Copper Tube   | Copper Tube   | Copper Tube   | Copper Tube   | Copper Tube   |
|                    | No of Row                            |                | 2             | 3             | 3             | 4             | 4             |
|                    | Fin Type                             |                | Blue          | Blue          | Blue          | Blue          | Bare          |
| Fan Motor Outdoor  | FPI                                  |                | 14            | 16            | 14            | 14            | 16            |
|                    | Make/AC                              |                | Marathon/PICL | Marathon/PICL | Marathon/PICL | Marathon/PICL | Marathon/PICL |
|                    | Currents                             |                | 1.3           | 3.5           | 3.5           | 3.5           | 3.5           |
|                    | Fan Motor Output Power in Watts ± 5% |                | 124.3         | 400           | 400           | 400           | 550           |
|                    | Speed                                |                | 3 Speed       | 3 Speed       | 3 Speed       | 3 Speed       | 3 Speed       |
| Blower Indoor      | Fan Motor rpm ± 30rpm                |                | 1300          | 1130          | 1200          | 1300          | 1300          |
|                    | Blower Size (DIDW)                   |                | 160x202x12.7  | 190X202X12.7  | 190X202X12.7  | 190X202X12.7  | 232x254x12.7  |
| Water Flow         | Material Type                        |                | Aluminium     | Aluminium     | Aluminium     | Aluminium     | Aluminium     |
|                    | No. of Blower use                    |                | 2             | 2             | 2             | 2             | 2             |
| Tube Size & Piping | LPM/GPM                              |                | 20/5.29       | 30/7.94       | 40/10.58      | 50/13.23      | 75/19.84      |
|                    | Inlet                                | mm             | 19.05         | 19.05         | 19.05         | 19.05         | 19.05         |
|                    | Outlet                               | mm             | 19.05         | 19.05         | 19.05         | 19.05         | 19.05         |
| Dimension & Weight | Drain pipe                           | mm             | Ø19.05        | Ø19.05        | Ø19.05        | Ø19.05        | Ø19.05        |
|                    | Width x Depth x Height               | mm             | 1245x485x277  | 1205x725x330  | 1205x725x330  | 1205x725x330  | 1405x650x480  |
|                    | Net/Gross weight                     | kg             | 37/43         | 38/45         | 57/67         | 66/76         | 69/74         |

Note : Rated Cooling Conditions: Air Inlet at 27 C-DB / 19.5 C-WB, Chilled Water Inlet / Outlet at 7°C / 12°C

1. Nominal Air Flow, Cooling Capacity and Power consumption value mentioned is at high speed.

2. The Power Input of 230V/50Hz AC motors are the same with that of 220V / 50 Hz AC motors.

# YGFC Fan Coil Units

YGFC 04 to 14

A complete range from 3.5 kW up to 14.0 kW



High Indoor  
Air Quality



Ultra Low  
Height



Customised  
Fac Coil Unit



Wired LCD  
Remote  
Control



## Features

- High Efficiency
- AHRI 440 Certified
- Quiet operations
- Low maintenance
- Easy installation

## Technical features

| Model                         |                                |  | YGFC04       | YGFC06       | YGFC08        | YGFC10        | YGFC12         | YGFC14         |
|-------------------------------|--------------------------------|--|--------------|--------------|---------------|---------------|----------------|----------------|
| <b>Performance</b>            | Nominal Capacity (TR)          | TR   | 1            | 1.5          | 2             | 2.5           | 3              | 4              |
|                               | Voltage / Frequency / Phase    | V/Hz/Ph  | 220/50/1P    | 220/50/1P    | 220/50/1P     | 220/50/1P     | 220/50/1P      | 220/50/1P      |
|                               | Cooling Capacity               | kW   | 3.5          | 5.3          | 7.0           | 8.8           | 10.6           | 14.0           |
|                               | Nominal Air Flow Volume        | CMH  | 680/520/360  | 1020/770/530 | 1360/1120/780 | 1710/1290/860 | 2040/1530/1020 | 2380/1790/1190 |
|                               | External Static Pressure (ESP) | Pa   | 30 / 50      |              |               |               |                |                |
| <b>Fan</b>                    | Type                           | Centrifugal fan (Forward curved)                         |              |              |               |               |                |                |
| <b>Motor</b>                  | Type                           | AC Motor   |              |              |               |               |                |                |
|                               | Power                          | W  | 70           | 102          | 142           | 171           | 210            | 252            |
| <b>Coil</b>                   | Rows                           | 3  |              |              |               |               |                |                |
|                               | Fin Information                | Corrugated-Louver aluminium fin with hydrophilic coating |              |              |               |               |                |                |
|                               | Coil Tube Diameter             | 7mm  |              |              |               |               |                |                |
| <b>Drain Pan</b>              | Type                           | Extended SS/GI (200mm)                                   |              |              |               |               |                |                |
| <b>Sound</b>                  | Pressure level [dB(A) H/M/L]   |  | 40/35.5/28.5 | 41.5/36/27   | 43/40/33.5    | 45.5/40.5/33  | 46/40.5/32.5   | 47.5/42/33     |
| <b>Filter</b>                 | Type                           | 8mm Nylon Filter   |              |              |               |               |                |                |
| <b>FPI</b>                    |                                | 15   |              |              |               |               |                |                |
| <b>Dimension &amp; Weight</b> | Length                         | mm   | 1090         | 1240         | 1610          | 1660          | 1910           | 2160           |
|                               | Width                          | mm   | 541          | 541          | 541           | 541           | 541            | 541            |
|                               | Height                         | mm   | 233          | 233          | 233           | 233           | 233            | 233            |
|                               | Weight                         | kg   | 19.9         | 22.9         | 32.1          | 34.9          | 40.3           | 45.4           |

Note : Rated Cooling Conditions: Air Inlet at 27 C-DB / 19.5 C-WB, Chilled Water Inlet / Outlet at 7°C / 12°C

1. Nominal Air Flow, Cooling Capacity and Power consumption value mentioned is at high speed.

2. The Power Input of 230V/50Hz AC motors are the same with that of 220V / 50 Hz AC motors.

# JCRCT Round Cassette Units

JCRCT 500 to 1200

A complete range from 4.5 kW up to 10.8 kW



Ultra Long  
Airflow



BMS  
Compatible



BLDC  
Motor



Designed for  
Large Spaces



## Features

- AC motor
- Designed for Large Spaces
- Long Airflow
- Low Noise Levels
- BMS compatible PCB (option)

## Technical features

| Model                   |                         | JCRCT500          | JCRCT600        | JCRCT1000       | JCRCT1200       |                |
|-------------------------|-------------------------|-------------------|-----------------|-----------------|-----------------|----------------|
| Power Supply            | V/Ph/Hz                 | 230/1/50          | 230/1/50        | 230/1/50        | 230/1/50        |                |
| Air Flow Volume (H/M/L) | m <sup>3</sup> /h       | 850/640/430       | 1020/790/520    | 1700/1290/860   | 2040/1500/1030  |                |
|                         | CFM                     | 502/378/254       | 603/467/307     | 1005/763/508    | 1207/887/609    |                |
| Cooling                 | Capacity (H/M/L)        | kW                | 4.5/4.2/3.0     | 5.6/4.3/3.6     | 9.1/7.9/6.0     | 10.8/8.6/6.8   |
|                         | Water flow rate         | m <sup>3</sup> /h | 0.78            | 0.97            | 1.71            | 1.92           |
|                         | Water pressure drop     | kPa               | 16              | 18              | 17              | 19             |
|                         | Power input             | W                 | 76              | 96              | 152             | 189            |
| Heating                 | Capacity (H/M/L)        | kW                | 7.0/6.3/5.0     | 8.4/6.5/5.2     | 13.9/12.0/9.0   | 16.7/12.6/10.2 |
|                         | Water flow rate         | m <sup>3</sup> /h | 0.78            | 0.97            | 1.71            | 1.92           |
|                         | Water pressure drop     | kPa               | 16              | 18              | 17              | 19             |
|                         | Power input             | W                 | 76              | 96              | 152             | 189            |
| Sound pressure level    | dBA                     | 43                | 45              | 47              | 50              |                |
| Fan motor               | Type                    | AC                | AC              | AC              | AC              |                |
|                         | Quantity                | 1                 | 1               | 1               | 1               |                |
| Fan                     | Type                    | Centrifugal Fan   | Centrifugal Fan | Centrifugal Fan | Centrifugal Fan |                |
|                         | Quantity                | 1                 | 1               | 1               | 1               |                |
|                         | Max. Working pressure   | MPa               | 1.6             | 1.6             | 1.6             | 1.6            |
|                         | Diameter                | mm                | 9.75            | 9.75            | 9.75            | 9.75           |
| Panel                   | Net dimensions (DxH)    | mm                | 1100x105        | 1100x105        | 1100x105        | 1100x105       |
| Body                    | Net dimensions (W×H×D)  | mm                | 835x835x255     | 835x835x255     | 835x835x290     | 835x835x290    |
|                         | Net weight              | Kg                | 25              | 25              | 34              | 34             |
| Pipe connections        | Water inlet/outlet Pipe | Inch              | 19.05           | 19.05           | 19.05           | 19.05          |
|                         | Drain pipe              | mm                | 26              | 26              | 26              | 26             |

Note : Rated Cooling Conditions: Air Inlet at 27 C-DB / 19.5 C-WB, Chilled Water Inlet / Outlet at 7°C / 12°C

1. Nominal Air Flow, Cooling Capacity and Power consumption value mentioned is at high speed.

2. The Power Input of 230V/50Hz AC motors are the same with that of 220V / 50 Hz AC motors.



# JCHI High Wall Units

JCHI 08 to 20

A complete range from 2.8 kW up to 7.0 kW



Ultra Long  
Airflow



Wired LCD  
Remote  
Control



Wide  
Indoor Unit



Designed for  
Large Spaces



## Features

- Available In BLDC motor
- Wireless LCD Remote Control
- Designed for Large Spaces
- Blue-Tec Protection
- Long Airflow
- Low Noise Levels
- BMS compatible PCB (option)
- Wired Remote controller with wireless hand set (option)

## Technical features

| Model                        |                   |       | JCHI08                   | JCHI10         | JCHI15         | JCHI20         |
|------------------------------|-------------------|-------|--------------------------|----------------|----------------|----------------|
| Power Supply                 | V/Ph/Hz           |       | 220-240/50/1             | 220-240/50/1   | 220-240/50/1   | 220-240/50/1   |
| Nominal air flow             | CFM               |       | 400                      | 440            | 635            | 824            |
|                              | CMH               |       | 680                      | 748            | 1079.5         | 1400.8         |
| Cooling Capacity             | kW                |       | 2.8                      | 3.5            | 5.3            | 7.0            |
|                              | TR                |       | 0.8                      | 1.0            | 1.5            | 2.0            |
| Motor                        | Type              |       | BLDC                     | BLDC           | BLDC           | BLDC           |
|                              | Power             | W     | 18/30                    | 18/30          | 30             | 57             |
|                              | RPM/Speed         | H/M/L | 1250/1050/1000           | 1250/1050/1000 | 1250/1050/1000 | 1300/1100/1025 |
| Coil                         | Tube Material     |       | Copper Tube              |                |                |                |
|                              | Tube O.D          |       | 7mm Inner Grooved        |                |                |                |
|                              | Fin Material      |       | Hydrophilic aluminum fin |                |                |                |
|                              | Rows Deep         |       | 2                        | 2              | 2              | 2              |
|                              | Dimension         |       | 610x315x25.4             | 610x315x25.4   | 810x315x25.4   | 910x440x25.4   |
| Sound pressure level         | dB(A)             |       | 44                       | 44             | 46             | 49             |
| Water Pressure Drop          | kPa               |       | 30                       | 30             | 40             | 40             |
| Inlet Outlet pipe            | Inch              |       | 5/8                      | 5/8            | 5/8            | 5/8            |
| Drain Pipe                   | Inch              |       | 5/8                      | 5/8            | 5/8            | 5/8            |
| Water flow                   | GPM               |       | 2.11                     | 2.65           | 3.97           | 5.29           |
| Dimensions                   | Net Dim (WxDxH)   | mm    | 800x222x292              | 800x222x292    | 1000x230x295   | 1100x248x330   |
|                              | Gross Dim (WxDxH) | mm    | 890x287x352              | 890x287x352    | 1100x287x352   | 1190x330x400   |
| Operating Weight (Net/Gross) | Kg                |       | 9.3/11                   | 9.3/11         | 11.3/13.1      | 15.1 / 17.5    |

Note : Rated Cooling Conditions: Air Inlet at 27 C-DB / 19.5 C-WB, Chilled Water Inlet / Outlet at 7°C / 12°C

1. Nominal Air Flow, Cooling Capacity and Power consumption value mentioned is at high speed.

2. The Power Input of 230V/50Hz AC motors are the same with that of 220V / 50 Hz AC motors.

# JCCT 1 Way Cassette Unit

JCCT 010 to 015

A range from 3.6 kW up to 4.5 kW



BMS  
Compatible



Multi Fan  
Speed



Cooling Coil



BLDC  
Motor



Wireless  
Remote  
Control



Auto Swing  
Mode



## Features

- 2 Pipe system
- Available in AC Motor
- Compact Height 236 mm
- Fully Insulated
- Optional BLDC Motor

## Technical features

| Model                         |                                 |           | JCCT010               | JCCT015               |
|-------------------------------|---------------------------------|-----------|-----------------------|-----------------------|
| <b>Performance</b>            | Nominal Capacity                | TR        | 1                     | 1.5                   |
|                               | Voltage / Frequency / Phase     | V/Hz/Ph   | 220-240/50/1          | 220-240/50/1          |
|                               | Cooling Capacity                | kW        | 3.6                   | 4.5                   |
|                               | Air Flow Volume                 | CFM       | 403                   | 503                   |
|                               | Air Flow Volume                 | CMH       | 680                   | 850                   |
| <b>Evaporator Coil</b>        | Type                            |           | Hydrophilic Aluminium | Hydrophilic Aluminium |
|                               | No of Row                       |           | 3                     | 3                     |
|                               | Tube Outside Diameter           | mm        | 9.52                  | 9.52                  |
|                               | Tube Material                   |           | Copper Tube           | Copper Tube           |
| <b>Fan Motor Indoor</b>       | Type of Motor                   |           | AC                    | AC                    |
|                               | Output Power                    | Watt      | 29                    | 38                    |
| <b>Blower Indoor</b>          | Material Type                   |           | DIDW Plastic Blower   | DIDW Plastic Blower   |
| <b>Sound Pressure Level</b>   |                                 | dBA       | 46                    | 47                    |
| <b>Dimensions and Weight</b>  | Net Dimension Body (W x D x H)  | mm        | 958x413x236           | 958x413x236           |
|                               | Net Dimension Panel (W x D x H) | mm        | 1044x468x31           | 1055x520x180          |
|                               | Net Weight/Gross Weight         | kg        | 20.5/24.5             | 20.5/24.5             |
|                               | Operating Pressure              | Mpa       | 1.6                   | 1.6                   |
| <b>Water Flow</b>             | LPM/GPM                         |           | 10/2.65               | 15/3.97               |
| <b>Tube Size &amp; Piping</b> | INLET Tube Size Outer Diameter  | mm (inch) | 19.05 (3/4")          | 19.05 (3/4")          |
|                               | OUTLET Tube Size Outer Diameter | mm (inch) | 19.05 (3/4")          | 19.05 (3/4")          |

Note : Rated Cooling Conditions: Air Inlet at 27 C-DB / 19.5 C-WB, Chilled Water Inlet / Outlet at 7°C / 12°C

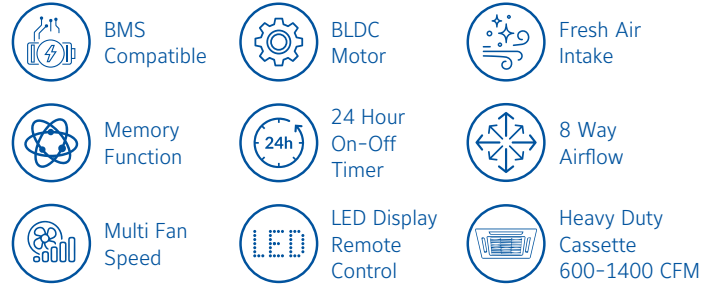
1. Nominal Air Flow, Cooling Capacity and Power consumption value mentioned is at high speed.

2. Sound pressure level is at 1m distance from unit in semi anechoic room at atmospheric conditions.

# JCCT Heavy Duty 4 Way Cassette Unit

JCCT 15 to 40

A complete range from 5.4 kW up to 12.6 kW



## Features

- 2 Pipe system
- AC Motor
- Eight way airflow
- BMS compatible PCB
- Fresh Air Intake
- 24 hr On/Off timer
- Memory Function
- Optional BLDC Motor

## Technical features

| Model                         |                                     | JCCT15      | JCCT20                               | JCCT25                               | JCCT30                            | JCCT40                            |                                   |
|-------------------------------|-------------------------------------|-------------|--------------------------------------|--------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| <b>Performance</b>            | Nominal Capacity                    | TR          | 1.5                                  | 2                                    | 2.5                               | 3                                 | 4                                 |
|                               | Voltage / Frequency / Phase         | V/Hz/Ph     | 220-240/50/1                         | 220-240/50/1                         | 220-240/50/1                      | 220-240/50/1                      | 220-240/50/1                      |
|                               | Cooling Capacity H                  | kW          | 5.4                                  | 7.2                                  | 9.0                               | 10.8                              | 12.6                              |
|                               | Air Flow Volume H/M/L               | CFM         | 600/450/300                          | 800/600/400                          | 1000/750/500                      | 1200/900/600                      | 1400/1050/700                     |
|                               | Air Flow Volume H/M/L               | CMH         | 1020/765/510                         | 1360/1020/680                        | 1700/1275/850                     | 2040/1530/1020                    | 2380/1785/1190                    |
| <b>Evaporator Coil</b>        | Type                                |             | Hydrophilic Aluminium                | Hydrophilic Aluminium                | Hydrophilic Aluminium             | Hydrophilic Aluminium             | Hydrophilic Aluminium             |
|                               | Tube Outside Diameter               | mm          | 7                                    | 7                                    | 7                                 | 7                                 | 7                                 |
|                               | Tube Material / Grooved             | mm          | Copper / IGT                         | Copper / IGT                         | Copper / IGT                      | Copper / IGT                      | Copper / IGT                      |
|                               | No of Row                           |             | 2                                    | 2                                    | 2                                 | 2                                 | 2                                 |
|                               | Coil Length x Height x Width        | mm          | 2044x205x25.4                        | 2044x205x25.4                        | 2044x246x25.4                     | 2044x246x25.4                     | 2044x246x25.4                     |
|                               | Max. Working Pressure               |             | 1.6 Mpa                              | 1.6 Mpa                              | 1.6 Mpa                           | 1.6 Mpa                           | 1.6 Mpa                           |
|                               | Circuit                             |             | 9                                    | 9                                    | 12                                | 12                                | 12                                |
| <b>Fan Motor</b>              | Type                                |             | AC                                   | AC                                   | AC                                | AC                                | AC                                |
|                               | Model                               |             | Low noise 3 speed fan motor YDK35-6Q | Low noise 3 speed fan motor YDK35-6Q | Low noise 3 speed fan motor XD80A | Low noise 3 speed fan motor XD80A | Low noise 3 speed fan motor XD80A |
|                               | Make                                |             | Changzhou                            | Changzhou                            | Welling                           | Welling                           | Welling                           |
|                               | Capacitor                           | uF          | 3.0                                  | 4.0                                  | 6.0                               | 6.0                               | 6.0                               |
|                               | Fan Motor input Power in Watts ± 5% |             | 96                                   | 134                                  | 165                               | 189                               | 225                               |
| <b>Sound Pressure Level</b>   | dBA                                 | 45          | 46                                   | 48                                   | 50                                | 52                                |                                   |
| <b>Dimensions and Weight</b>  | Net Dimension Body (W x D x H)      | mm          | 835x835x250                          | 835x835x250                          | 835x835x290                       | 835x835x290                       | 835x835x290                       |
|                               | Net Dimension Panel (W x D x H)     | mm          | 950x950x55                           | 950x950x55                           | 950x950x55                        | 950x950x55                        | 950x950x55                        |
|                               | Net Weight / Gross Weight           | kg          | 24.5/28                              | 25.5/29                              | 26.5/31                           | 28/32.5                           | 28/32.5                           |
| <b>Water Flow</b>             | GPM                                 | 3.97        | 5.29                                 | 6.61                                 | 7.94                              | 9.26                              |                                   |
| <b>Water Pressure Drop</b>    | kPa                                 | 31.0        | 34.0                                 | 36.0                                 | 39.0                              | 42.0                              |                                   |
| <b>Tube Size &amp; Piping</b> | INLET Tube Size Outer Diameter      | inch        | 3/4                                  | 3/4                                  | 3/4                               | 3/4                               | 3/4                               |
|                               | OUTLET Tube Size Outer Diameter     | inch        | 3/4                                  | 3/4                                  | 3/4                               | 3/4                               | 3/4                               |
| <b>Power cord</b>             | mm <sup>2</sup>                     | 4 CORE, 2.5 | 4 CORE, 2.5                          | 4 CORE, 2.5                          | 4 CORE, 2.5                       | 4 CORE, 2.5                       |                                   |

Note : Rated Cooling Conditions: Air Inlet at 27 C-DB / 19.5 C-WB, Chilled Water Inlet / Outlet at 7°C / 12°C

1. Nominal Air Flow, Cooling Capacity and Power consumption value mentioned is at high speed.

2. Sound pressure level is at 1m distance from unit in semi anechoic room at atmospheric conditions.



# JCCT Compact 4 Way Cassette Unit

JCCT 08 to 13

A complete range from 3.3 kW up to 4.5 kW



BMS  
Compatible



BLDC  
Motor



Fresh Air  
Intake



Memory  
Function



24 Hour  
On-Off  
Timer



8 Way  
Airflow



Multi Fan  
Speed



LED Display  
Remote  
Control



Compact  
Cassette  
300-500 CFM

## Features

- 2 Pipe system
- AC Motor
- Eight way airflow
- BMS compatible PCB
- Fresh Air Intake
- 24 hr On/Off timer
- Memory Function
- Optional BLDC Motor

## Technical features

| Model                         |                                 |           | JCCT08                 | JCCT10                 | JCCT13                 |
|-------------------------------|---------------------------------|-----------|------------------------|------------------------|------------------------|
| <b>Performance</b>            | Nominal Capacity                | TR        | 0.8                    | 1                      | 1.3                    |
|                               | Voltage / Frequency / Phase     | V/Hz/Ph   | 220-240/50/1           | 220-240/50/1           | 220-240/50/1           |
|                               | Cooling Capacity (H)            | kW        | 3.3                    | 3.9                    | 4.5                    |
|                               | Air Flow Volume                 | CFM       | 300                    | 400                    | 500                    |
|                               | Air Flow Volume                 | CMH       | 510                    | 680                    | 850                    |
| <b>Evaporator Coil</b>        | Type                            |           | Hydrophilic Aluminium  | Hydrophilic Aluminium  | Hydrophilic Aluminium  |
|                               | Tube Outside Diameter           | mm        | 7                      | 7                      | 7                      |
|                               | Tube Material                   |           | Copper                 | Copper                 | Copper                 |
|                               | No of Row                       |           | 2                      | 2                      | 2                      |
| <b>Fan Motor Indoor</b>       | Type                            |           | AC                     | AC                     | AC                     |
|                               | Capacitor                       | uF        | 1.5                    | 2.0                    | 2.5                    |
|                               | Output Power                    | Watt      | 55                     | 62                     | 76                     |
| <b>Sound Pressure Level</b>   |                                 | dBA       | 39                     | 42                     | 45                     |
| <b>Blower Indoor</b>          |                                 |           | Centrifugal wind wheel | Centrifugal wind wheel | Centrifugal wind wheel |
| <b>Dimensions and Weight</b>  | Net Dimension Body (W x D x H)  | mm        | 570×570×260            | 570×570×260            | 570×570×260            |
|                               | Net Dimension Panel (W x D x H) | mm        | 650×650×55             | 650×650×55             | 650×650×55             |
|                               | Net Weight/Gross Weight         | kg        | 18/20.3                | 18/20.3                | 18/20.3                |
|                               | Operating Pressure              | Mpa       | 1.6                    | 1.6                    | 1.6                    |
| <b>Water Flow</b>             |                                 | LPM/GPM   | 8/2.12                 | 10/2.65                | 12/3.17                |
| <b>Tube Size &amp; Piping</b> | INLET Tube Size Outer Diameter  | mm (inch) | 19.05 (3/4")           | 19.05 (3/4")           | 19.05 (3/4")           |
|                               | OUTLET Tube Size Outer Diameter | mm (inch) | 19.05 (3/4")           | 19.05 (3/4")           | 19.05 (3/4")           |

Note : Rated Cooling Conditions: Air Inlet at 27 C-DB / 19.5 C-WB, Chilled Water Inlet / Outlet at 7°C / 12°C

1. Nominal Air Flow, Cooling Capacity and Power consumption value mentioned is at high speed.

2. Sound pressure level is at 1m distance from unit in semi anechoic room at atmospheric conditions.

# YMZ Air Handling Units

## Modular AHU

A complete range from 1000 kW to 100000 CFM



Fresh air is a basic need in any building for occupants' health. Our Fresh Air Handling Units (FAHUs) infuse fresh air from outside. This air is treated to make it clean and comfortable before circulating it in the required spaces. It offers cooling, heating, humidification, dehumidification, filtration, sound attenuation, and many more features. Hygiene is given top priority in a few applications like cleanrooms, health care, pharma, microelectronics etc., where controlling certain parameters in the air is a basic necessity. We have 36 ready models ranging from 1,000 to 100,000 CFM that can be completely customized. It offers a wide range of control over IAQ, humidity, DCV, Automation along with the Real-Time monitoring, and finally, offers 25% energy saving.

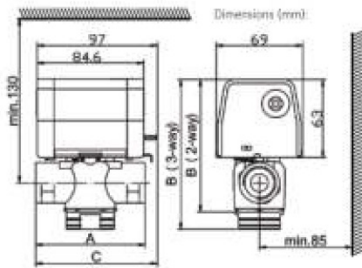
### Features

- Insulation : 25/43/46/50 mm thick PU
  - \* Eurovent with 50 mm thick PU foam insulation – certified range up to 60000 CFM (with heat recovery)
- Wide Portfolio : Ceiling suspended, floor mounted, custom, heat recovery, clean room air handling units.
  - \* Custom AHUs - up to 100000 CFM
- Thermally break aluminum profiles with double skin panels
- Eurovent Certified
  - Mechanical properties as per EN1886 :
  - Casing strength class : D1
  - Casing air leakage class : L1/L1 (-400/+700Pa)
  - Thermal Transmittance : T2
  - Thermal Bridging : TB2
  - Filter Bypass Leakage Class : F9
- AHRI certified coils – 3/8" & 1/2"
- Plug & play integrated controls option

### Benefits

- 25% energy and cost saving
- 24x7 operations management
- Customized I/O with analytics.
- Customized compact design
- Low dB
- CFC free panels
- Green product, zero ODP
- Infuses O<sub>2</sub> in the controlled spaces to counter SBS/BRI
- Energy efficient
- Diminishes harmful gases (VOCs & Odors)

# Johnson Controls 2 way / 3 way ON-OFF Valves



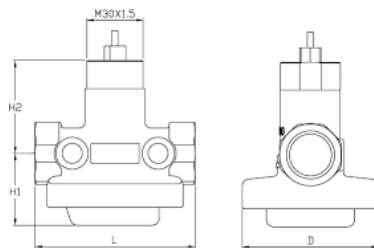
## Features

- Precision Control
- Maintains Room temperature
- Saves energy by precision control
- Spring return function

## Technical features

| Model       | DN Size | Type  | Kv (Cv)   | Close-off Pressure | Weight (g) | Dimensions (mm) |     |     |
|-------------|---------|-------|-----------|--------------------|------------|-----------------|-----|-----|
|             |         |       |           |                    |            | A               | B   | C   |
| VLC2200FC-C | DN15    | 2-way | 1.7 (2.0) | 0.45 MPa (65PSI)   | 700        | 70              | 106 | 91  |
| VLC2200GC-C | DN20    | 2-way | 2.2 (2.5) | 0.35 MPa (50PSI)   | 850        | 87              | 106 | 99  |
| VLC2200HC-C | DN25    | 2-way | 3.0 (3.5) | 0.20 MPa (30PSI)   | 1000       | 95.5            | 112 | 103 |
| VLC2300FC-C | DN15    | 3-way | 1.7 (2.0) | 0.45 MPa (65PSI)   | 750        | 70              | 115 | 91  |
| VLC2300GC-C | DN20    | 3-way | 2.6 (3.0) | 0.35 MPa (50PSI)   | 900        | 87              | 120 | 99  |
| VLC2300HC-C | DN25    | 3-way | 3.4 (4.0) | 0.20 MPa (30PSI)   | 1050       | 95.5            | 128 | 103 |

# Johnson Controls PICV Valves



## Features

- Specific devices are not necessary
- Wide range of operating differential pressure
- Compact design that allows installation in small spaces such as fan-coils or narrow supply spaces
- Simple flow rate adjustment
- Dirty resistance allows long life characteristic
- Pressure ports selectable

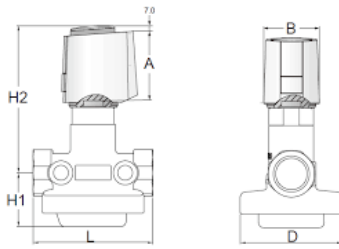
## Technical features

| Model       | DN Size | Flow rate max (m³/h) | Stroke (mm) | Start-up max. (kPa) | P max. (kPa) | Pressure Ports |
|-------------|---------|----------------------|-------------|---------------------|--------------|----------------|
| VPMF7015-C  | DN15    | 0.9                  | 4           | 35                  | 500          | No             |
| VPMF7020-C  | DN20    | 1.3                  | 4           | 35                  | 500          | No             |
| VPMF7025-C  | DN25    | 2.0                  | 4           | 35                  | 500          | No             |
| VPMF7015P-C | DN15    | 0.9                  | 4           | 35                  | 500          | Yes            |
| VPMF7020P-C | DN20    | 1.3                  | 4           | 35                  | 500          | Yes            |
| VPMF7025P-C | DN25    | 2.0                  | 4           | 35                  | 500          | Yes            |

| DN | L (mm) | D (mm) | H1 (mm) | H2 (mm) | Weight (kg) |
|----|--------|--------|---------|---------|-------------|
| 15 | 74     | 62     | 34      | 46.5    | 0.6         |
| 20 | 80     | 68     | 36      | 46.5    | 0.8         |
| 25 | 85     | 69     | 42.5    | 46.5    | 0.9         |



# Johnson Controls ON-OFF Actuators



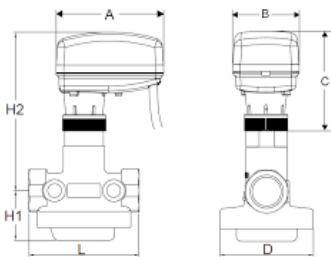
## Features

- Available for wide range of power requirements
- Easy installation
- Compact design
- IP 54 rated
- Feedback control

## Technical features

| DN | L (mm) | D (mm) | H1 (mm) | H2 (mm) | A (mm) | B (mm) |
|----|--------|--------|---------|---------|--------|--------|
| 15 | 74     | 62     | 34      | 104     | 53     | 44.3   |
| 20 | 80     | 68     | 36      | 104     | 53     | 44.3   |
| 25 | 85     | 69     | 42.5    | 104     | 53     | 44.3   |

# Johnson Controls Proportional Actuators – PICV



## Features

- 24 VAC/VDC and 230 VAC power supply
- Floating and proportional control
- Threaded nut M28x1.5 and M30x1.5
- Auto stroke detection
- Configurable stroke
- Configurable to direct and reverse action
- Configurable analog inputs
- Max mechanical stroke 6.3 mm
- Feedback control

## Technical features

| DN | L (mm) | D (mm) | H1 (mm) | H2 (mm) | A (mm) | B (mm) | C (mm) |
|----|--------|--------|---------|---------|--------|--------|--------|
| 15 | 74     | 62     | 34      | 115     | 80     | 49     | 73.6   |
| 20 | 80     | 68     | 36      | 115     | 80     | 49     | 73.6   |
| 25 | 85     | 69     | 42.5    | 115     | 80     | 49     | 73.6   |

# Johnson Controls Thermostat



## Features

- Large backlit LCD
- Intuitive and clear interface
- Retain parameter setting after power loss
- Easy operation

## Technical features

| DN | L (mm) | D (mm) | H1 (mm) | H2 (mm) | A (mm) | B (mm) |
|----|--------|--------|---------|---------|--------|--------|
| 15 | 74     | 62     | 34      | 104     | 53     | 44.3   |
| 20 | 80     | 68     | 36      | 104     | 53     | 44.3   |
| 25 | 85     | 69     | 42.5    | 104     | 53     | 44.3   |

# Benefits of YORK® Variable Water Flow



| Key Technology and Performance                     | YORK® @ VWF    | VRF                 |
|--|----------------|---------------------|
| Inverter Compressor                                | Yes            | Yes                 |
| BLDC inverter / EC Fan Motor                       | Yes            | Yes                 |
| Various indoor units                               | Yes            | Yes                 |
| Cooling Operation with Ducted Indoor Units         | Yes            | Yes                 |
| Heating Operation with Ducted Indoor Units         | Yes            | Yes                 |
| Under-floor Heating                                | Yes            | (HR or Split Type)  |
| Connected Capacity Ratio Limitation                | No             | 50%~130%            |
| Limitation on Number of connected IDUs             | No             | Yes                 |
| Capacity deration due to long piping length        | No             | Yes (10%~20%)       |
| The installation method for integrating the system | Glue or Thread | Brazing             |
| Risk of water / refrigerant leakage in the room    | Low (0.6MPa)   | High (2.8~3.0MPa)   |
| Option of scalability on IDU capacity              | Yes            | No                  |
| Caution for refrigerant leaks                      | No             | Yes (concentration) |
| BMS Compatibility                                  | Standard       | Optional            |
| Cooling Medium                                     | Water          | HFC Refrigerant     |

## Johnson Controls

B2, 3rd Floor, Cerebrum IT Park,  
Kumar city, Kalyani Nagar,  
Pune, Maharashtra 411014. India

E-mail: [BTS-India-Channelsales@jci.com](mailto:BTS-India-Channelsales@jci.com)

### About Johnson Controls:

At Johnson Controls (NYSE:JCI), we transform the environments where people live, work, learn and play. As the global leader in smart, healthy and sustainable buildings, our mission is to reimagine the performance of buildings to serve people, places and the planet.

Building on a proud history of 140 years of innovation, we deliver the blueprint of the future for industries such as healthcare, schools, data centers, airports, stadiums, manufacturing and beyond through OpenBlue, our comprehensive digital offering.

Today, Johnson Controls offers the world's largest portfolio of building technology and software as well as service solutions from some of the most trusted names in the industry.

### About YORK:

As part of Johnson Controls, YORK is a global leader in designing and manufacturing innovative HVAC solutions. Known for its reliability and energy efficiency, YORK provides state-of-the-art chillers, heat pumps, air handling units, fan coils, and HVAC systems tailored to meet the needs of various industries, including commercial buildings, data centers, healthcare, and industrial applications.

With a proud history dating back to its founding in 1874, YORK brings 150 years of expertise to delivering cutting-edge HVAC solutions. With a focus on sustainability, YORK products are engineered to optimize performance while minimizing environmental impact, aligning with Johnson Controls' mission to create smart, healthy, and sustainable buildings.