



Chillers and Heat Pumps

YORK® Amichi Series

YMAE Air-to-Water Inverter Scroll Heat Pumps

Efficiency-optimized heating and
cooling for best-in-class performance



Shaping The Future of Heat Pumps Technology

Smarter Efficiency | Advanced Heating | Sustainable Comfort

YORK® New Generation Amichi Series

Building on the success of the 2021 ACR Awards Heat Pump Product of the Year, The YORK Amichi Series YMAE is more than an evolution—it's a breakthrough that helps shape the future of heat pump technology. Equipped with a full inverter system and advanced Enhanced Vapor Injection (EVI) technology, YMAE delivers superior heating performance, industry-leading seasonal efficiency and an exceptional heating capability in cold climates, without compromise.

With its pioneering design, YMAE empowers customers to accelerate their journey toward decarbonization and electrification. By setting a new benchmark for sustainable comfort and performance, YMAE is not just keeping pace with the future—it's defining it.



YMAE Air-to-Water Inverter Scroll Heat Pump

38~300kW | R454B | 2 pipe

YMAE integrates industry-leading innovations to redefine heat pump performance. Featuring a high-efficiency DC inverter compressor, enhanced vapor injection (EVI) system, EC fan, and our proprietary inverter drivers with a smart control platform, YMAE delivers unmatched efficiency and powerful heating capability.



Best-in-class
efficiency



Wide operation
range



Quiet
operation

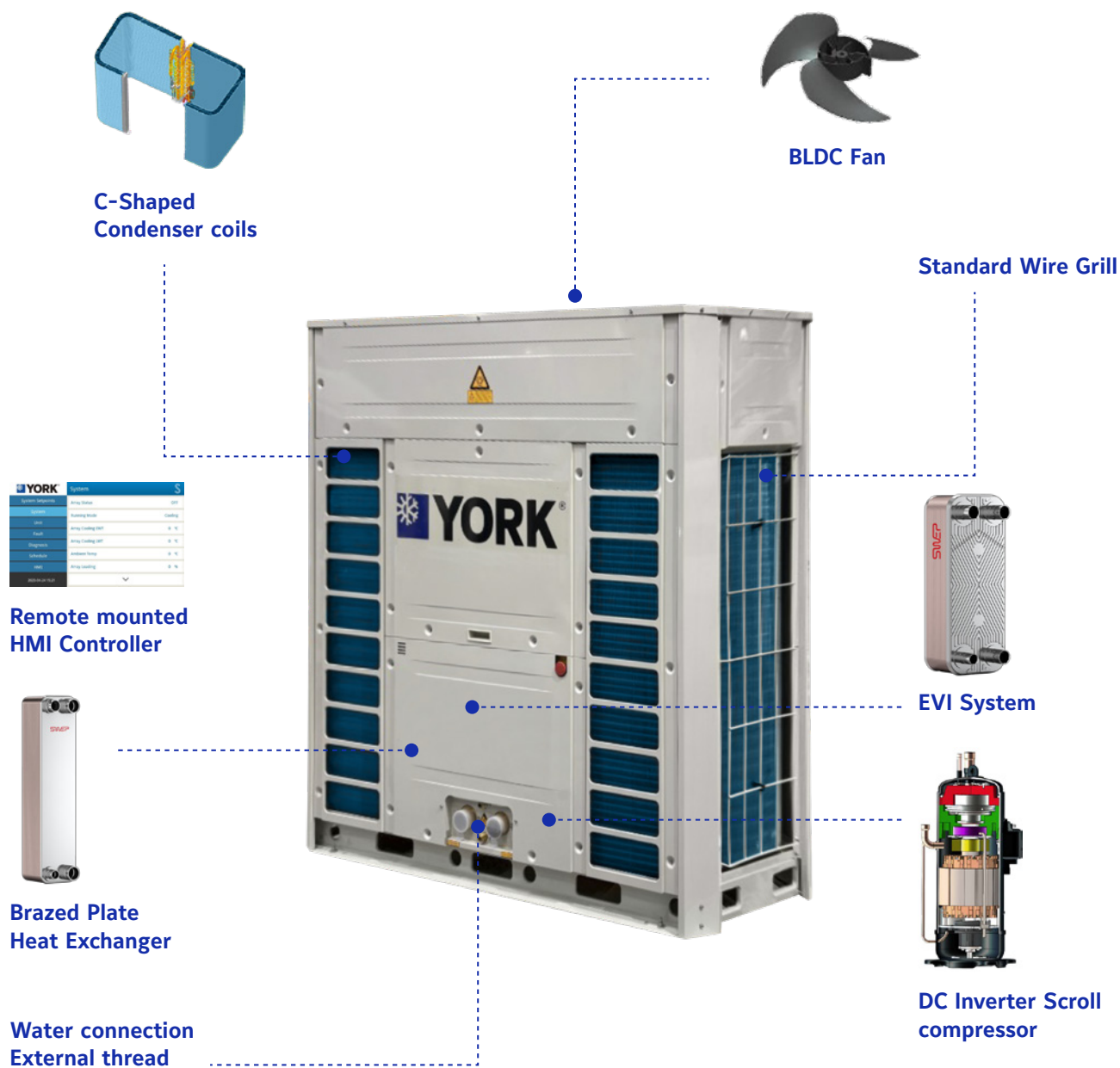


Amazing
flexibility

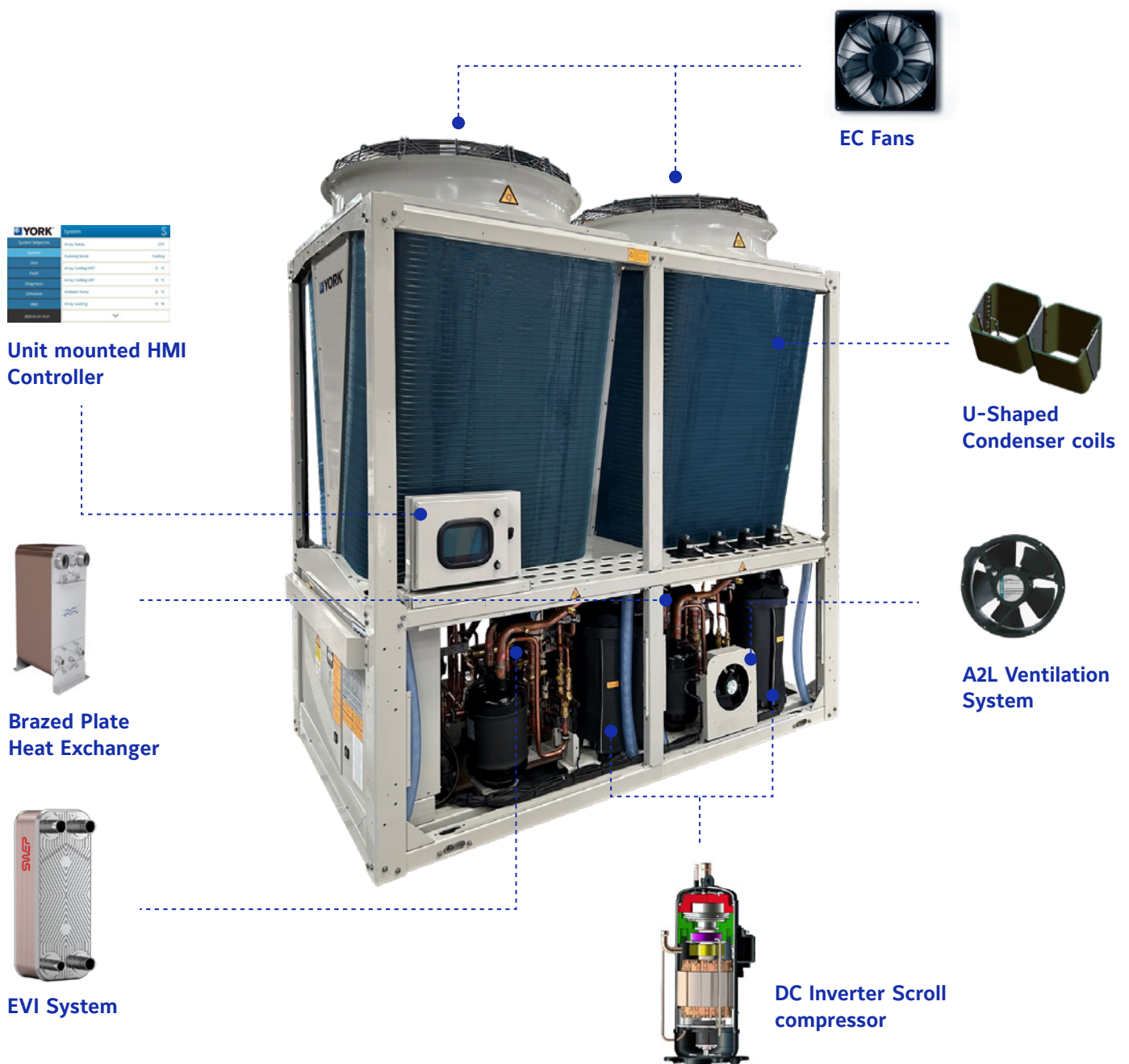


Robust
reliability

YMAE0045 to 0065 configuration



YMAE0080 to 0320 configuration



Exceeds efficiency standards

The **YORK YMAE Air-to-Water Inverter Scroll Heat Pump** is designed to meet tomorrow’s efficiency standards today. Delivering performance beyond typical efficiency levels, this heat pump boasts an industry-leading **SCOP up to 4.24** according to EN14825.

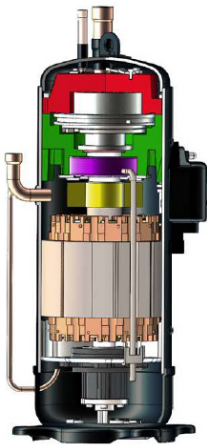
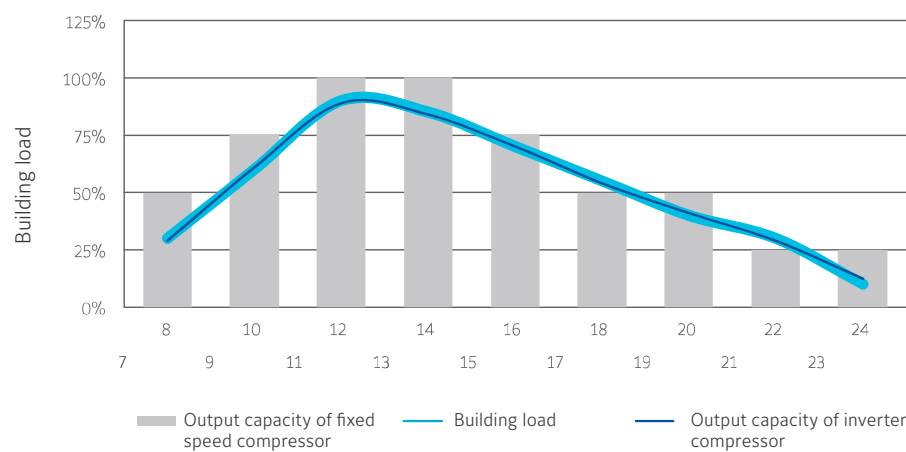
This exceeds stringent regulatory requirements through an optimized combination of efficiency-enhancing technologies from Johnson Controls.

YMAE	YMAE is at the top of its class	
SEER	Up to 4.98	Exceed the Ecodesign Tier 2 standard by 21%
SCOP	Up to 4.24	Exceed the Ecodesign Tier 2 standard by 32%

High-efficiency DC inverter scroll compressor with EVI

YMAE Series uses the proven design of the direct current (DC) inverter compressor, which embraces all of the design features driven for exceptional efficiency all year around. It delivers unmatched efficiency with stepless capacity control – ensuring precise performance from 100% down to as low as 7%, depending on the model. This flexibility ensures optimal energy savings and superior comfort for any application.

- New asymmetric wrap:** Optimized design reduces leakages and invalid suction superheating.
- Non-contact seal design:** Oil film seal formed by lubricating oil to reduce friction for higher efficiency and reliability.
- Relieve valve:** More adaptive to variable pressure conditions to provide higher part-load efficiencies.
- Enhanced Vapor Injection (EVI) technology:** Significantly extends compressor operation map and increases efficiency.



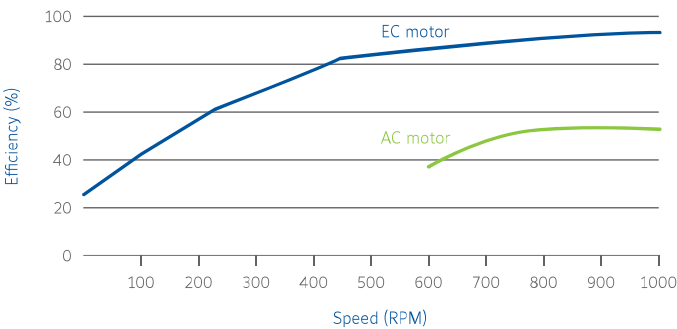


YORK® inverter driver

The YORK® inverter driver is engineered to meet the challenging performance demands of the YMAE chiller. Coupled with smart control logic, the solution smartly manages system operation and ultimately delivers excellent energy savings throughout entire life cycle for the customer.

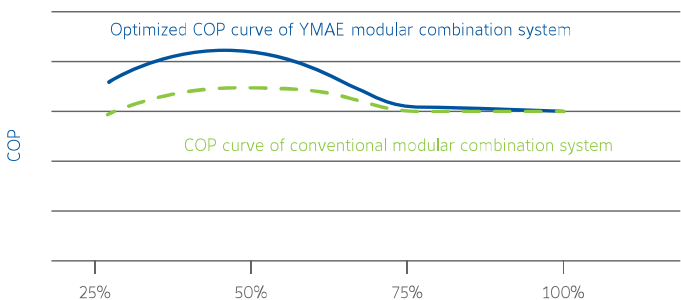
Electronically commutated (EC) fan

The YMAE use the high efficiency EC fan motors better aerodynamics to improve overall system efficiency and sound performance, particularly in part-load conditions. This means minimal disturbances for the people in your spaces. At reduced ambient temperatures, the head pressure control varies fan speeds, the fan blades and motor align perfectly to deliver great low energy consumption and ensure reliable operation.



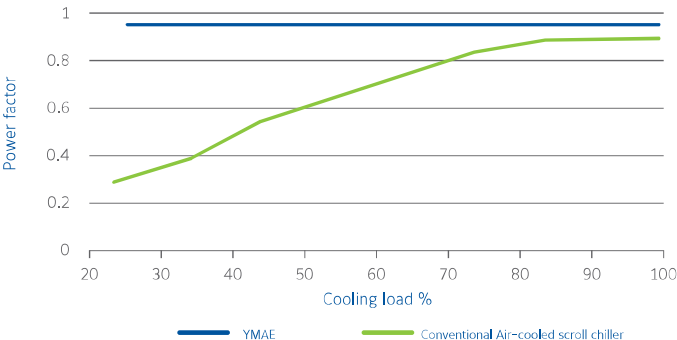
Real-time system efficiency optimization

The YMAE system automatically adjusts output capacity smoothly according to the actual changing load of indoor terminal units ensure that each module in the combination system always maintains its excellent energy efficiency and that the whole system operates efficiently while saving energy throughout its life circuit.



High power factor

The power factor of YMAE module is up to 95%, which reduces the required power capacity of transformer. Unlike traditional scroll chillers, the power factor does not reduced at part load. This saves electricity by improving the utilization rate of transmission equipment and reducing the circuit loss of power lines.



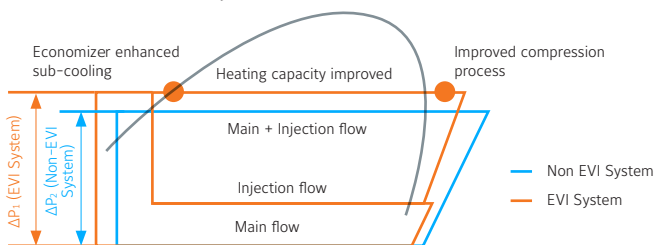
Performance without compromise

Superior heating performance

The EVI scroll compressor (Enhanced Vapor Injection) system includes the addition of a small, brazed plate heat exchanger (economizer), an expansion valve, and injection port built into the compressor. The effect is to enhance the overall efficiency of the heating mode at low ambient temperatures, improving the overall performance of the system by up to 20%.

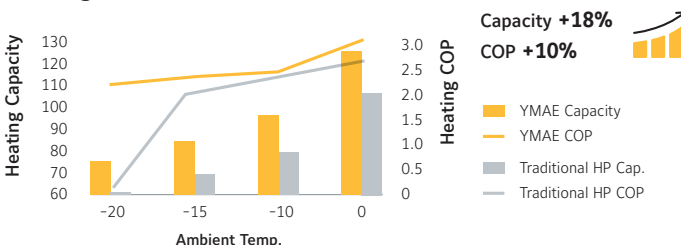
The following example illustrates the advantages of EVI technology in a YMAE 130 kW heat pump operating with a leaving water temperature of 45°C. Heating capacity increases by 18%, while COP improves by 10%. In addition, the heating operating range extends to -25°C – well beyond traditional heat pump systems, which are typically limited to -15°C

Enhanced Vapor Injection



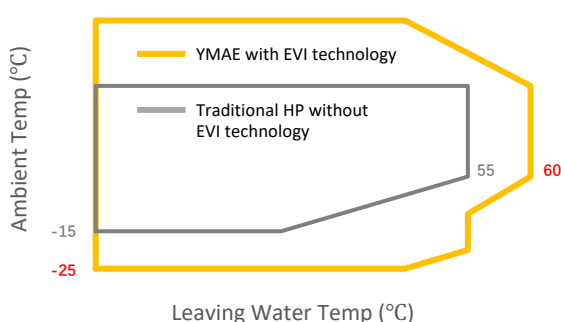
EVI system can support higher compression ratio than Non-EVI system, resulting in wider operation envelop

Heating performance



Wide operation range

YMAE is a no-compromise solution for a variety of climates and locations. Built specifically to deliver better performance through a wider operating envelope, this heat pump can maintain efficiency in a variety of conditions without kits or add-ons – up to 48°C ambient in cooling mode and down to an impressive -25°C ambient in heating mode and be capable of providing the chilled leaving water temperature down to -12°C and hot water up to 60°C.

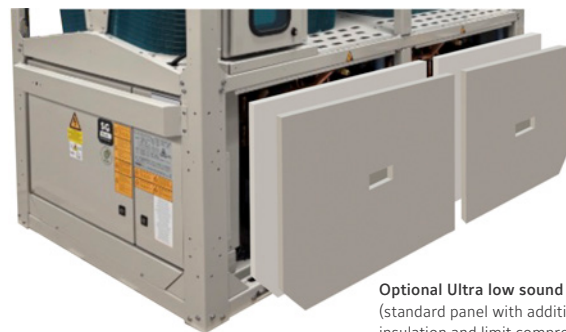


Quiet operation

Recognition of the importance of sound reduction is growing and can be a very important design criterion for any project. York maintains the widest selection of sound mitigating options in the market place and can provide the most cost effective option to meet any requirement.

In the real world, chillers run 99% of the time in off-design conditions, thus the sound performance at partial load really counts. The traditional fixed speed chillers address limited reduction in sound level at partial load. While for the inverter chiller, thanks to the inverter technology, the compressor frequency can be lower down and result in a significant sound reduction, in most case, the expensive sound enclosure are not necessary.

We want to ensure our neighbors are comfortable too, even in retrofits. That's why our systems offer three levels of sound performance. If requirements call for sound reduction beyond our standard low-noise levels, an optional Ultra Quiet Kit can further reduce sound power by an impressive 4dBA to 6dBA, providing one of the quietest units available.

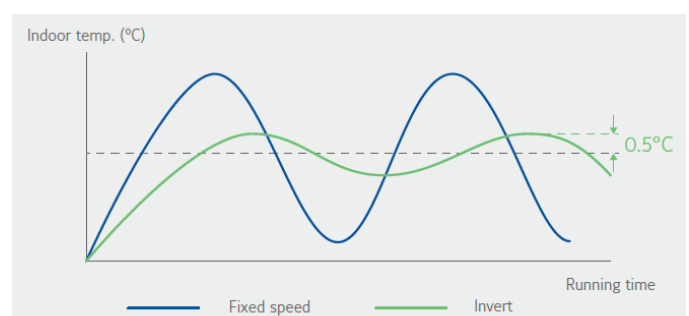


Optional Ultra low sound Kit
(standard panel with additional acoustic insulation and limit compressor/fan speed)

Stable temperature control

The unique variable evaporating temperature control of the YMAE allows for an auto-adaptive temperature control range between -12~20°C in cooling mode and -25~60°C in heating mode

The inverter system supplies part-load chiller operations with a higher evaporating temperature under off-design conditions, which can maintain moderate humidity to reduce the symptoms of respiratory system discomfort and dry skin. Precise temperature control provides stable indoor air temperatures with less fluctuations for superior comfort.



Amazing flexibility

Installation flexibility

Space constraints and complex retrofit conditions are no longer a challenge. The YMAE series is designed for maximum installation freedom, featuring an ultra-slim footprint for effortless transport and placement. Smaller units (YMAE0045–0065) are designed with a length of 1.65 m and a width of 0.76 m, small enough to fit standard cargo elevators, ensuring easy handling in tight spaces.

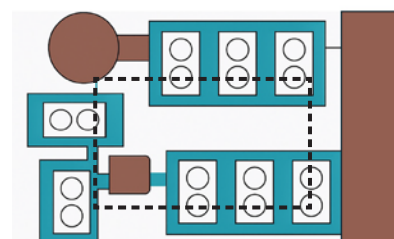
Innovative system design pushes single-module capacity up to 178 kW, making it one of the most space-efficient footprints in its class—bringing more than 60% floor space savings compared to existing products in the market. This exceptional space efficiency translates into faster installation, easier layout planning, and superior flexibility for layout-constrained jobsites and demanding retrofit applications.



Scalable and adaptive flexibility

The intelligent control system manages up to 32 units, giving you the freedom to deploy YMAE as a standalone solution or combine multiple units for phased expansion—start small and scale effortlessly as your needs grow. Modular architecture ensures seamless integration for tailored configurations without disrupting existing operations.

With advanced variable-speed technology and multi-compressor control, YMAE delivers a wide operating range—from as low as 7% of unit capacity to full load—while dynamically adapting to fluctuating conditions, ensuring superior efficiency and reliability throughout the year.



--- Traditional HP ■ Ventilation space ■ Obstructions

Advanced control made easy

Comfort, productivity and up to half of the energy used in your building – these are all factors affected by how your heat pump operates and how it interacts with other components in your HVAC/R system. To help maximize efficiency and keep you in control, the YORK® YMAE comes as standard with integrated advanced controls and communication technologies. This technology allows the equipment to connect seamlessly to building controls, such as our world-class Verasys system, where enabled equipment can self-identify and interoperate.

Verasys provides a plug-and-play experience, with no programming or commissioning tools required. Remote access over a secure internet connection and alarm notifications via email or text are possible through Verasys. The user-friendly graphical interface provides easy access to critical equipment and facility information to help minimize the risk of unplanned downtime and costly repairs.

Verasys also provides enhanced energy efficiency control. The key to this efficiency is demand control, where Verasys routes the energy requirements of a room or space to the heating and cooling equipment – matching the demand side and the supply side to provide greater overall energy efficiency.

In addition to Verasys integration capabilities, this model provides added flexibility with standard BACnet MS/TP, Modbus RTU or N2 connectivity for communication with virtually any building management system. This advanced, embedded control capability also allows multiple heat pumps to be connected and monitored through a single controller, which features a touchscreen display that has easy-to-use, web-style interface and intuitive navigation for easy access to operational data. Information can be displayed in multiple languages and setup is very easy.

Plug and Play experience



Intelligent, efficient and environmentally friendly

As the demand for renewable energy sources continues to grow, we understand the need for a reliable and stable energy supply. Our heat pumps are designed to effectively manage fluctuations in power generation from wind energy and photovoltaics.

With our smart grid-ready heat pumps, power surpluses can be seamlessly removed from the grid and converted into valuable heating energy. This surplus energy is then stored in a buffer, ensuring a consistent and dependable energy supply. Not only does this innovative solution benefit the environment by reducing our reliance on fossil fuels, but it also brings significant savings to heat pump owners.

By utilizing power when it is most favorable, our heat pumps optimize energy consumption, resulting in lower energy costs and a more sustainable lifestyle. Join the green revolution and experience the benefits of our smart grid-ready heat pumps. Contact us today to learn more and start enjoying a reliable, environmentally friendly energy solution.

A history of reliability

The YORK® YMAE Air-to-Water Inverter Scroll Heat Pump is a no-compromise solution that delivers industry-leading efficiency, unmatched flexibility, world-class sound performance, extensive control capability and long-lasting reliability. These highly optimized designs use advanced components and innovative thinking to provide the best-in-class performance only the world's leader in heat pump solutions can deliver.

When your reputation is at stake, count on efficient, reliable cooling and heating solutions from YORK® to lower costs and maximize uptime with dependability. Our local stocking allows quick shipment to North American locations. And with our units shipping as a complete package, everything arrives at the same time. We also offer a variety of standardized, locally-stocked parts to ensure our systems continue to provide maximum uptime.

With the YORK® YMAE Air-to-Water Inverter Scroll Heat Pump, we're building on our legacy of cooling solutions and technology leadership. We don't judge success based on theoretical findings but real-world experience. Our first-generation modular heat pump was built more than a decade ago. We use DC inverter technology proven over 30 years of use and our adoption of inverter scroll technology dates to 1985.

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



Simulated Ambient
Temperature
-25°C - 60°C

(Highly Accelerated
Lifecircuit Test Lab)

- **Decades of extensive air-cooled expertise** is backed by proven components used in a variety of conditions in installations across the globe
- **Compressor management improves overall reliability** by balancing system operation time between each compressor
- **Smart logic controller** coordinates and optimizes units for off-design and part-load operation
- **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



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.

Refrigerant Safety Groups	
Flammability	Higher
	Lower
	Difficult to Ignite and Sustain
	No Flame Propagation
Toxicity	
Lower	
Higher	

No identified toxicity at concentrations ≤ 400 ppm

Evidence of toxicity below 400 ppm

Source: ASHRAE Standard 34 Safety Classification



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



Dedicated to sustainability

At Johnson Controls, we are dedicated to protecting the environment. This goes back to our founder, Warren S. Johnson, and his invention of the electric thermostat in 1885. It sparked a fundamental shift in the energy efficiency of buildings. Now, all over the world, our products and services empower customers and communities to consume less energy and conserve resources.

The European 2050 Vision towards a low-carbon economy is targeting a reduction of 80 to 95 percent in greenhouse gas emissions by looking at the reduction of the three parameters in the graphic compared to 1990 values.

EU energy efficiency improvement targets also strongly influence the HVAC market. Buildings are the largest consumers of energy today, and HVAC systems account for a significant portion of a building's energy consumption. This is why the HVAC industry is a focus of European Environmental Policies. The F-Gas regulation addresses direct emissions while EPBD, EcoDesign, and RES are directives focused on indirect greenhouse gas emissions by improving the efficiency of HVAC systems and buildings.

With a low GWP of just 466 and zero ODP, the R454B refrigerant belongs in the HFO class, which eliminates ODP and reduces GWP.

The YORK® YMAE Air-to-Water Inverter Scroll Heat Pump with R454B refrigerant complies with the HFC Phase Down plan to reduce greenhouse gas emissions. The physical properties of R454B are similar to the R410A refrigerant. In fact, most of the components designed for R410A can be used with R454B.

This new model uses 10 percent less refrigerant compared to products that use R410A. In addition, it will maximize the use of existing components to cut waste. This heat pump is an eco-friendly offering whose operations work to protect our environment.



Safe and reliable

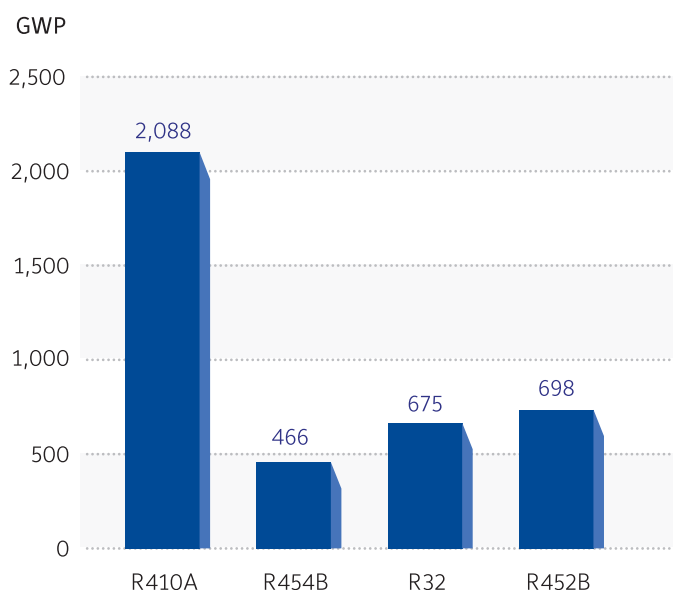
Toxicity and flammability must be addressed for all refrigerant options. Systems must be designed for new refrigerants and undergo long-term testing.

Efficient and sustainable

Future refrigerant choices must present equal or better overall performance values than current refrigerants. Energy efficiency is the ultimate priority to reduce the carbon footprint of HVAC products.

Available and affordable

Local availability at a reasonable cost is critical for building owners' bottom line.



78% lower GWP than R410A
31% lower GWP than R32
10% less charge than R410A

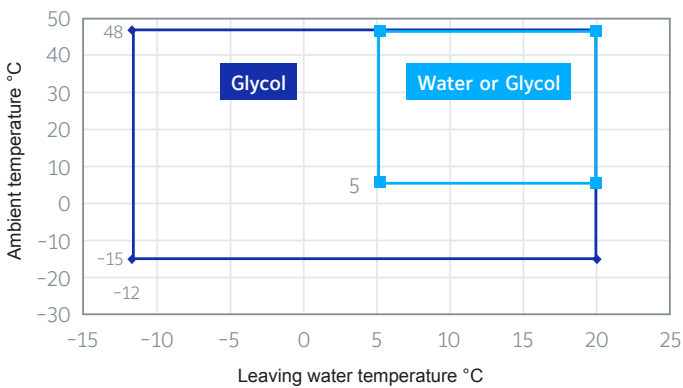


Want to know more about transitioning to low-GWP refrigerants?
Scan the QR code or visit:
www.johnsoncontrols.com/building-insights/2020/white-paper/making-the-refrigerant-transition

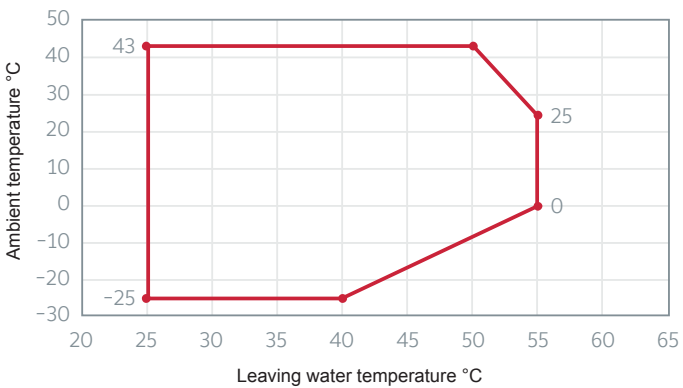
YMAE Operating Range

YMAE0045

Cooling mode

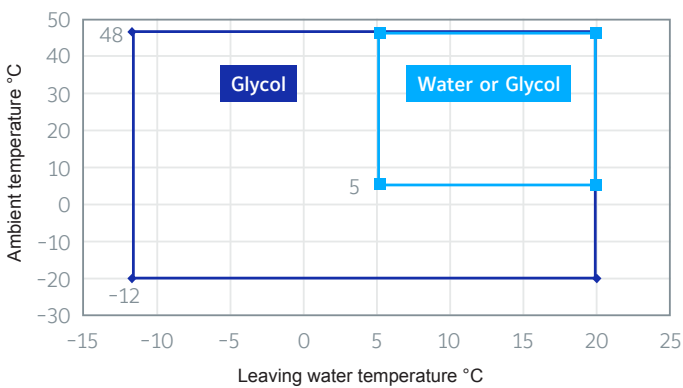


Heating mode

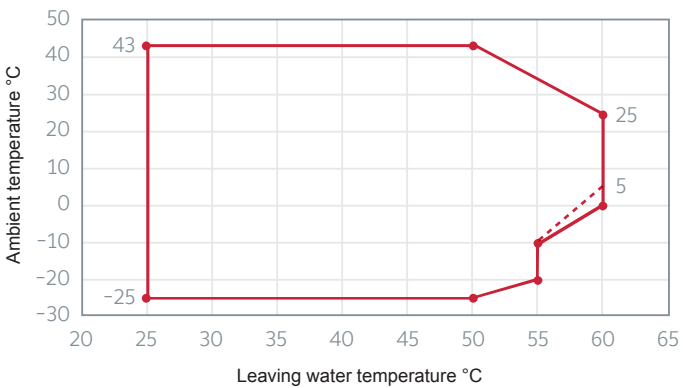


YMAE0050 to 0320

Cooling mode



Heating mode



- YMAE0050 to 0320 (excluding 0080, 0160 and 0320)
- - - YMAE0080/0160/0320

Technical Features

Standard sound unit

Model YMAE			0045	0050	0065	0080	0100	0130	0160	0200	0230	0260	0320	
Cooling	Cooling Capacity	kW	43.5	50.0	60.0	76.5	100.0	124.0	151.9	178.0	220.0	247.0	300.0	
	Power input	kW	14.8	15.9	21.3	23.9	31.4	42.5	46.5	62.0	73.3	84.5	95.2	
	EER	kW/kW	2.94	3.15	2.82	3.20	3.18	2.92	3.26	2.87	3.00	2.92	3.15	
	SEER	kW/kW	4.65	4.64	4.50	4.54	4.94	4.70	4.87	4.50	4.76	4.80	4.85	
	ηs,c	%	183.1	182.8	177.2	178.7	194.6	185.0	191.8	177.0	187.4	189.0	191.0	
	Sound power level	dB(A)	80	79	82	81	82	83	84	85	86	87	87	
Heating	Heating Capacity	kW	48.0	53.0	60.5	81.5	113.1	139.0	167.1	190.0	242.0	275.0	330.0	
	Power input	kW	15.6	15.6	18.7	23.9	34.6	43.4	48.1	63.1	74.2	88.7	97.0	
	COP	kW/kW	3.08	3.40	3.23	3.41	3.26	3.20	3.47	3.01	3.26	3.10	3.40	
	SCOP	kW/kW	4.10	4.22	4.10	4.00	4.12	4.06	4.08	4.00	4.10	4.06	4.08	
	ηs,h	%	161.0	165.6	161.1	157.0	162.0	159.4	160.2	157.0	161.1	159.4	160.2	
Refrigerant	Type		R454B											
	Circuit quantity	#	1	1	1	1	2	2	2	2	4	4	4	
	Refrigerant charge (R454B)	kg	10.0	10.5	10.5	10.8	19.2	23.0	22.0	27.0	38.4	46.0	44.0	
Compressor	Type		DC inverter scroll with EVI											
	Capacity step		Stepless (Inverter)											
	Quantity		1	1	1	1	2	2	2	2	4	4	4	
Air side heat exchanger	Coil type		Copper Tube, Aluminum Plate Fin											
	Fan type		Axial fan, BLDC motor				Axial fan, EC inverter motor							
	Fan quantity		2			1	2				4			
	Outdoor air temp range (cooling)	℃	-15 ~ 48				-20 ~ 48							
	Outdoor air temp range (heating)	℃	-25 ~ 43											
Water side heat exchanger	Type		Braze plate heat exchanger											
	Water connection		External thread				Vitacluc							
	Size of water pipe		G2"				DN50	DN65	DN65	DN80	DN80	DN100	DN100	DN100
	Nominal water flow rate (cooling)	l/s	2.08	2.39	2.87	3.66	4.78	5.92	7.26	8.50	10.51	11.80	14.33	
	Nominal water flow rate (heating)	l/s	2.29	2.53	2.89	3.89	5.40	6.64	7.98	9.08	11.56	13.14	15.77	
	Pressure drop (cooling)	kPa	42	36	50	67	29	50	31	37	33	43	56	
	Pressure drop (heating)	kPa	50	40	51	74	35	58	37	38	39	51	63	
	Leaving water temp range (cooling)	℃	-12 ~ 20											
	Leaving water temp range (heating)	℃	25 ~ 55				25 ~ 60							
Dimensions	Height	mm	1700				2440	2420		2440	2440	2510		2521
	Length	mm	1650				1500	2240		2240	2640	2240		2240
	Width	mm	760				1200	1200		1200	1200	3050		3050
Weight	Shipping weight	kg	545	560	560	681	980	1075	1112	1308	2148	2386	2480	
	Operating weight	kg	480	502	502	688	994	1090	1129	1326	2181	2420	2515	
Electrical	Power supply	V/Ph/Hz	400V - 3Ph - 50Hz											

- Net values at Eurovent nominal conditions:
 - Cooling capacities in kW given for 7°C leaving water temperature $\Delta t_{5^{\circ}\text{C}}$ and 35°C ambient temperature.
 - Heating capacities in kW given for 45°C leaving water temperature $\Delta t_{5^{\circ}\text{C}}$ and 7°C ambient temperature.
 - SEER and SCOP are calculated according to EN14511 and EN14825.
 - η_s is calculated according to Ecodesign regulation for chillers comfort cooling and heating (813/2013, 2016/2281)
- SEER is calculated following fixed water flow and variable outlet approach (FW/VO).
 SCOP is calculated following variable water flow and variable outlet approach (VW/VO).
 For other Ecodesign calculations, please contact your JCI representative.



Manufacturer reserves the rights to change specifications without prior notice.

Technical Features

Low sound unit

Model YMAE			0045	0050	0065	0080	0100	0130	0160	0200	0230	0260	0320	
Cooling	Cooling Capacity	kW	38.0	45.0	54.0	69.0	92.4	118.0	139.3	164.0	210.0	230.0	275.0	
	Power input	kW	11.4	13.9	18.4	21.0	28.8	38.1	40.8	53.0	71.9	76.1	83.3	
	EER	kW/kW	3.32	3.23	2.93	3.28	3.20	3.10	3.41	3.09	2.92	3.02	3.30	
	SEER	kW/kW	4.70	4.67	4.61	4.69	4.90	4.86	4.98	4.50	4.75	4.86	4.98	
	ηs,c	%	185.3	184.0	181.4	184.8	193.0	191.3	196.2	177.0	187.0	191.3	196.2	
	Sound power level	dB(A)	75	75	77	77	76	79	80	81	81	82	83	
Heating	Heating Capacity	kW	41.5	49.0	54.0	74.0	105.0	128.0	151.8	175.0	231.0	256.0	300.0	
	Power input	kW	12.2	13.9	15.9	20.6	30.3	39.1	42.0	54.6	70.4	78.2	85.7	
	COP	kW/kW	3.41	3.53	3.39	3.59	3.46	3.27	3.61	3.20	3.28	3.27	3.50	
	SCOP	kW/kW	3.97	4.24	4.20	3.97	4.10	3.94	4.05	4.07	4.10	4.06	4.06	
	ηs,h	%	156.0	166.6	165.1	155.9	161.1	154.5	159.2	159.8	161.1	159.4	159.4	
Refrigerant	Type		R454B											
	Circuit quantity	#	1	1	1	1	2	2	2	2	4	4	4	
	Refrigerant charge (R454B)	kg	10.0	10.5	10.5	10.8	19.2	23.0	22.0	27.0	38.4	46.0	44.0	
Compressor	Type		DC inverter scroll with EVI											
	Capacity step		Stepless (Inverter)											
	Quantity		1	1	1	1	2	2	2	2	4	4	4	
Air side heat exchanger	Coil type		Copper Tube, Aluminum Plate Fin											
	Fan type		Axial fan, BLDC motor				Axial fan, EC inverter motor							
	Fan quantity		2			1	2				4			
	Outdoor air temp range (cooling)	°C	-15 ~ 48				-20 ~ 48							
	Outdoor air temp range (heating)	°C	-25 ~ 43											
Water side heat exchanger	Type		Braze plate heat exchanger											
	Water connection		External thread				Victaulic							
	Size of water pipe		G2"				DN50	DN65	DN65	DN80	DN80	DN100	DN100	DN100
	Nominal water flow rate (cooling)	l/s	1.82	2.15	2.58	3.30	4.41	5.64	6.66	7.84	10.03	10.99	13.14	
	Nominal water flow rate (heating)	l/s	1.98	2.34	2.58	3.54	5.02	6.12	7.25	8.36	11.04	12.23	14.33	
	Pressure drop (cooling)	kPa	33	30	42	56	27	38	27	32	31	38	49	
	Pressure drop (heating)	kPa	39	35	42	63	28	48	31	33	34	44	54	
	Leaving water temp range (cooling)	°C	-12 ~ 20											
	Leaving water temp range (heating)	°C	25 ~ 55				25 ~ 60							
Dimensions	Height	mm	1700				2440	2420		2440	2440	2510		2521
	Length	mm	1650				1500	2240		2240	2640	2240		2240
	Width	mm	760				1200	1200		1200	1200	3050		3050
Weight	Shipping weight	kg	545	560	560	684	983	1078	1115	1312	2153	2391	2485	
	Operating weight	kg	480	502	502	691	997	1093	1132	1330	2186	2425	2520	
Electrical	Power supply	V/Ph/Hz	400V - 3Ph - 50Hz											

- Net values at Eurovent nominal conditions:
 - Cooling capacities in kW given for 7°C leaving water temperature $\Delta t_5^\circ\text{C}$ and 35°C ambient temperature.
 - Heating capacities in kW given for 45°C leaving water temperature $\Delta t_5^\circ\text{C}$ and 7°C ambient temperature.
 - SEER and SCOP are calculated according to EN14511 and EN14825.
 - η_s is calculated according to Ecodesign regulation for chillers comfort cooling and heating (813/2013, 2016/2281)
- SEER is calculated following fixed water flow and variable outlet approach (FW/VO) .
 SCOP is calculated following variable water flow and variable outlet approach (VW/VO).
 For other Ecodesign calculations, please contact your JCI representative.



Manufacturer reserves the rights to change specifications without prior notice.

High Performance and Flexibility

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



YMAE0045 to 0065

1 compressor
1 circuit



YMAE0080

1 compressor
1 circuit



YMAE0100 to 0200

2 compressors
2 circuits



YMAE0230 to 0320

4 compressors
4 circuits

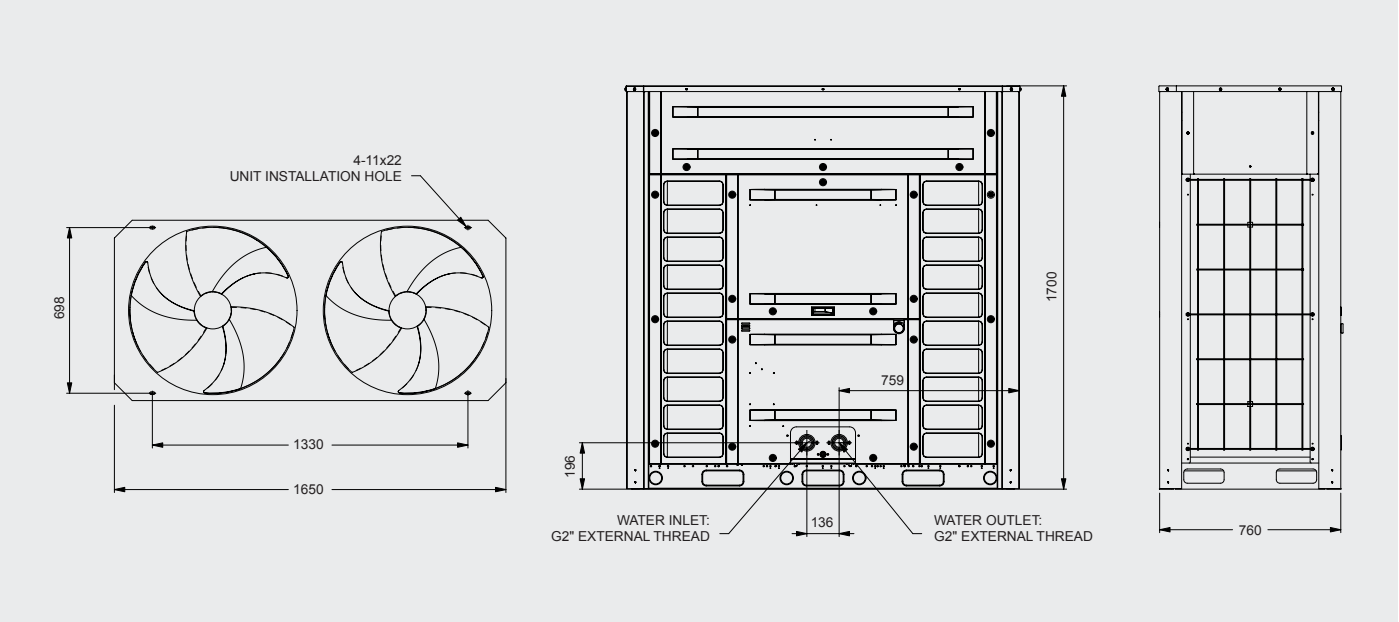
Various options

- Single VSD pump kits
- Low sound kit
- Ultra low sound kit
- Wire grills
- Remote indoor controller
- Vibration isolators
- Modular kits

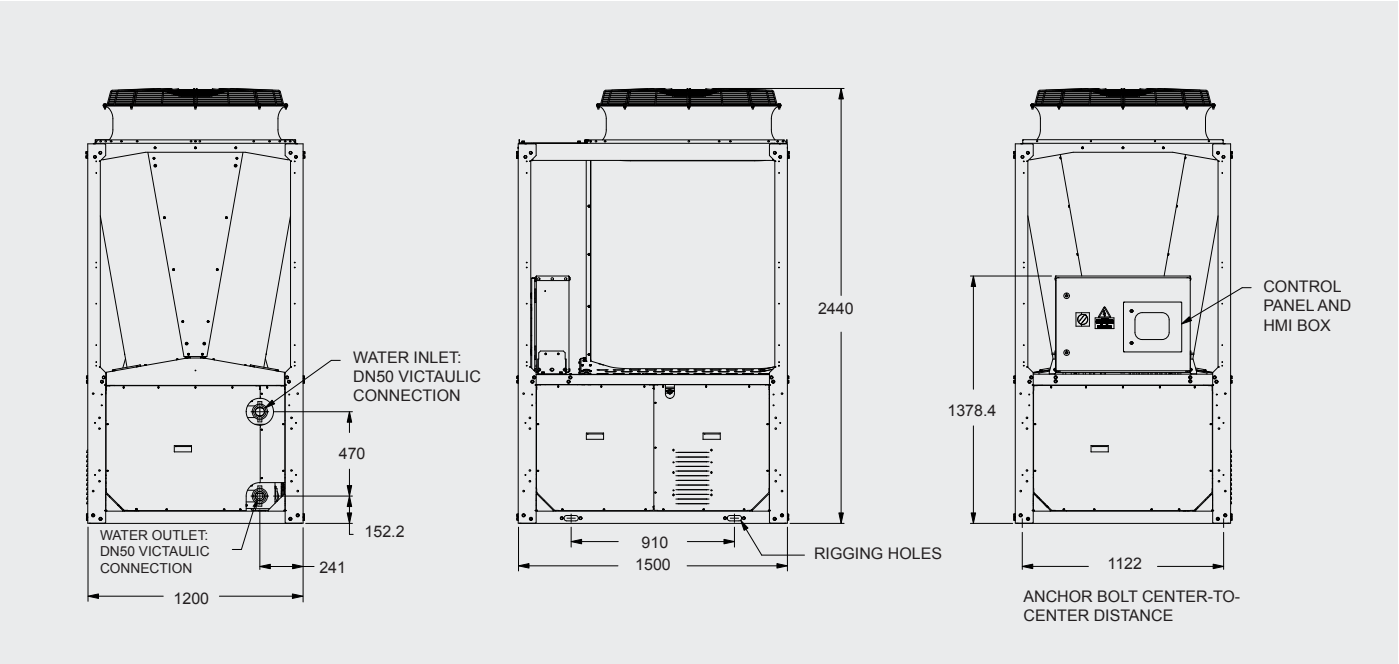


Dimensions and Hydraulic Connections

YMAE0045/0050/0065

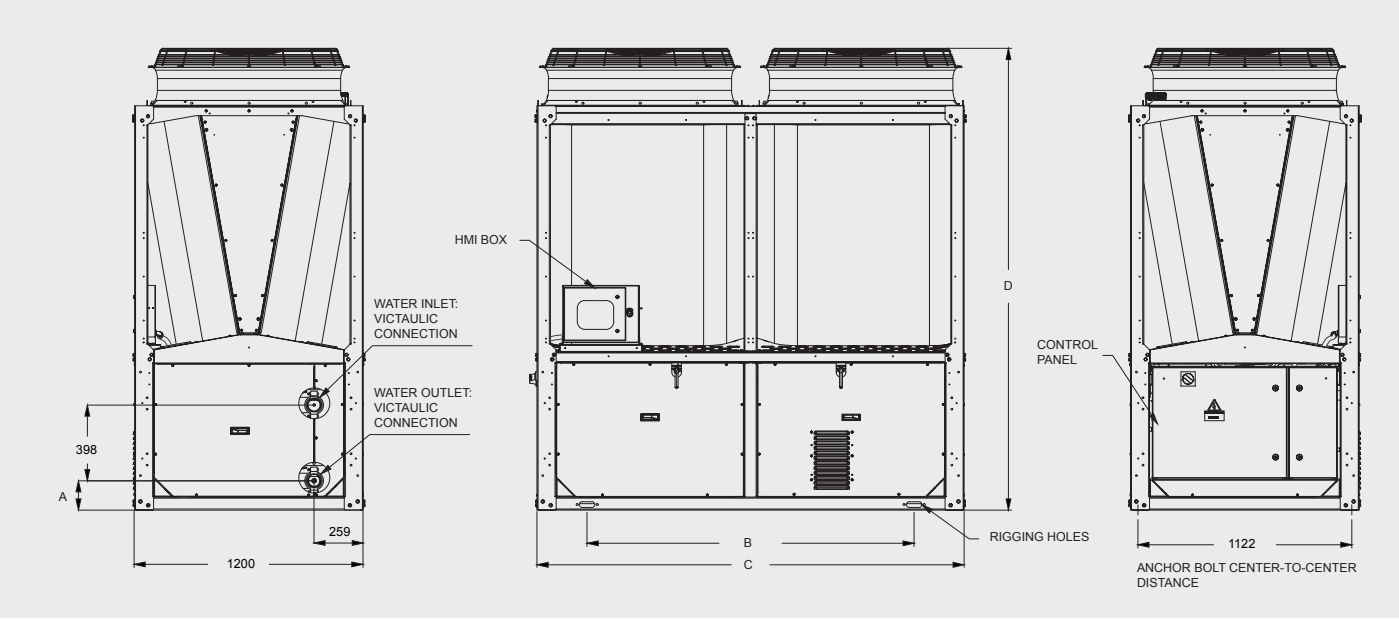


YMAE0080



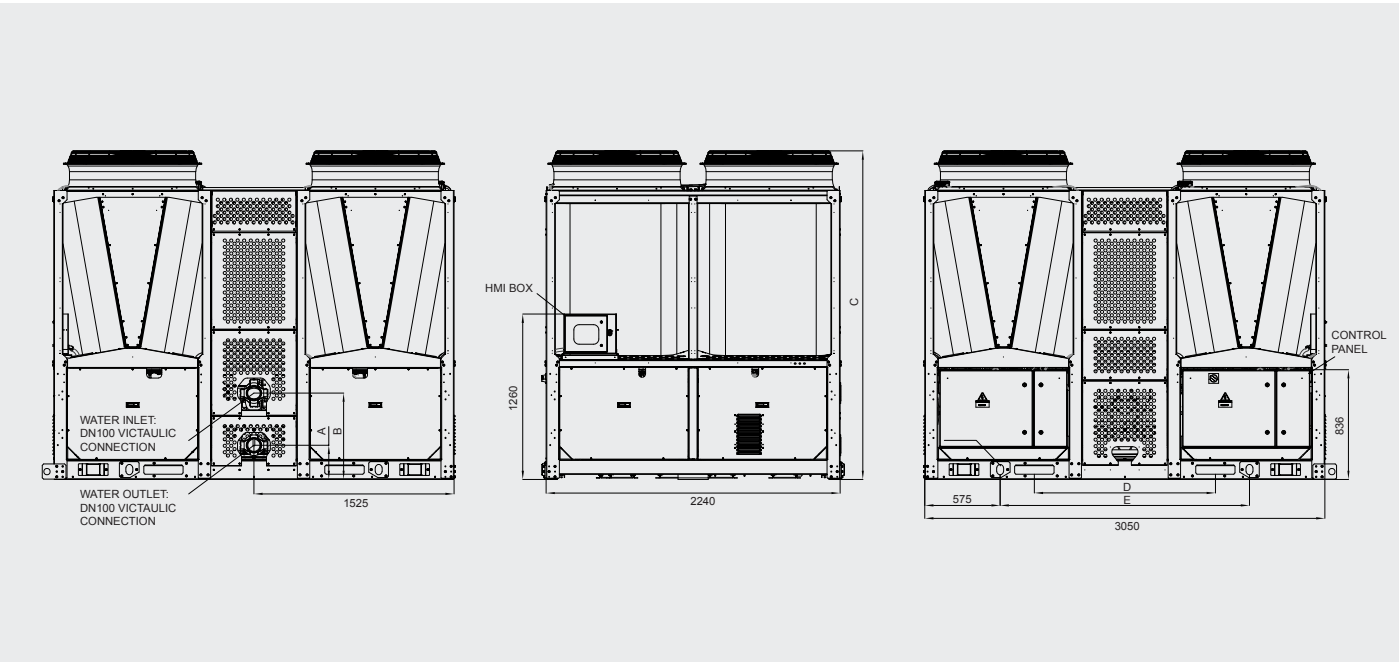
Dimensions and Hydraulic Connections

YMAE0100/0130/0160/0200



	A	B	C	D	Connection Size
YMAE0100/0130	154	1715	2240	2420	DN65
YMAE0160	188	1715	2240	2440	DN80
YMAE0200	188	2115	2640	2440	DN80

YMAE0230/0260/0320



	A	B	C	D	E
YMAE0230/0260	261	658	2510	1380	1900
YMAE0320	266	663	2521	1366	2250



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.

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