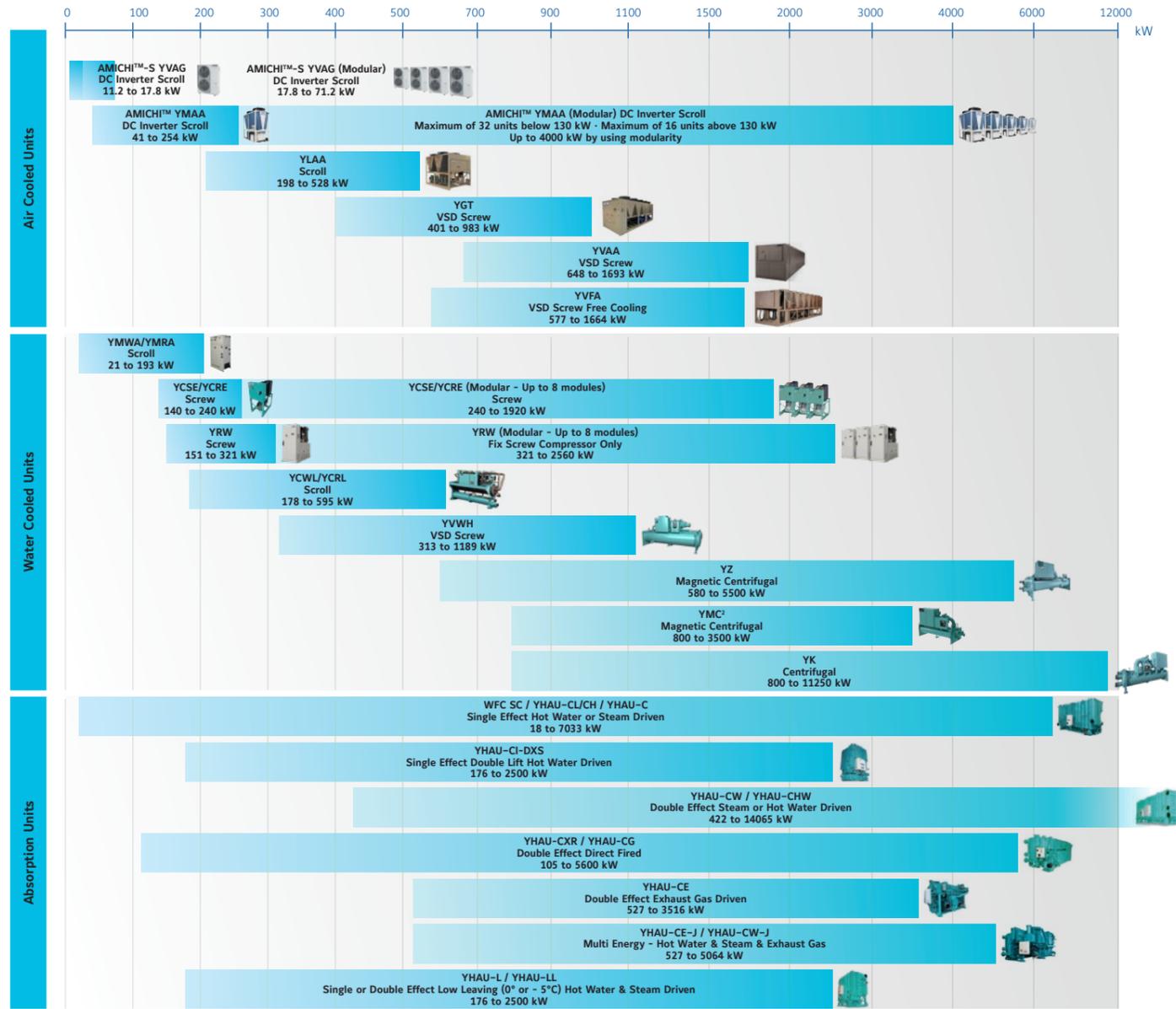


# A complete range of HVAC-R solutions for your facilities

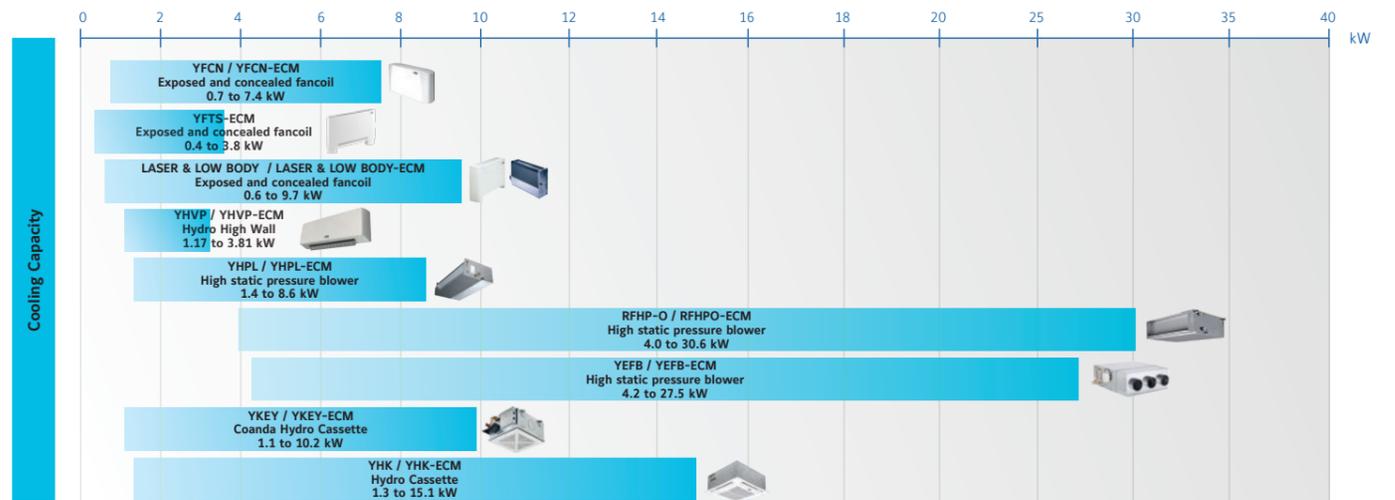


<h3>METASYS BUILDING MANAGEMENT SYSTEM</h3> <p><b>METASYS SERVER</b> Support of IT standards and technologies, Multi-platform web-based user interface, long-term storage</p> <p><b>OPEN APPLICATION SERVER (OAS)</b> Metasys system that combines supervisory server and engine capabilities in a single software offering, with optional, add-on features</p> <p><b>SUPERVISORY NETWORK ENGINE</b> Family of IP connected Supervisory Network Engines for all sizes of building management systems</p> <p><b>SUPERVISORY NETWORK CONTROLLER</b> Family of IP connected Supervisory Network Controllers with onboard Input/Output (IO) points and optional integral display</p> <p><b>GENERAL PURPOSE CONTROLLER</b> BACnet IP and MS/TP general purpose field controllers</p> <p><b>INPUT/OUTPUT MODULES</b> Scalable family of configurable Input/Output (IO) modules</p> <p><b>VAV CONTROLLERS</b> Complete family of programmable controllers suitable for all VAV applications</p> <p><b>FIELD USER INTERFACES</b> Self configuring local touch screen display or web server user interface options allowing simplified access to equipment or controls</p> <p><b>WIRELESS COMPONENTS</b> Wireless field buses and room temperature sensing systems designed with the latest wireless technology</p> <p><b>INTEGRATION SOLUTIONS</b> Interfaces Metasys with legacy systems, fire and security systems and systems with proprietary and standard protocols</p>	<h3>HVAC CONTROL PRODUCTS</h3> <p><b>PEAK CONTROLLERS</b> Family of controllers and accessories specifically designed for Original Equipment Manufacturers (OEMs)</p> <p><b>TERMINAL UNIT VALVES AND ACTUATORS</b> Complete offering of valves and actuators for terminal unit applications</p> <p><b>CONTROL VALVES AND ACTUATORS</b> Ball, globe and butterfly valves with pneumatic and electric actuators</p> <p><b>DAMPER ACTUATORS</b> Spring and non-spring return rotary actuators for air, fire and smoke dampers</p> <p><b>PLANT SENSORS</b> Plant Temperature, Humidity, CO<sub>2</sub>, VOC, Dew point and Delta pressure, with Passive, Analog, Modbus &amp; BACnet communication</p> <p><b>ROOM SENSORS</b> Room Temperature, Humidity, CO<sub>2</sub>, VOC, with Passive, Analog, Modbus &amp; BACnet communication</p> <p><b>ALL IN ONE NETWORK SENSOR</b> Temperature, Humidity CO<sub>2</sub>, presence and color display</p> <p><b>THERMOSTATS</b> Line powered Fan Coils thermostats stand alone, Modbus, BACnet and KNX communicating</p> <p><b>SMART EQUIPMENT THERMOSTAT</b> 24VAC color screen thermostat with proportional On-Off /multistage controls with seamless Metasys integration over BACnet MSTP</p>	<h3>YORK FAN COIL UNITS</h3> <p><b>YFCN / YFCN-ECM</b> Cooling capacity: 0.7 – 7.4 kW Exposed and concealed, horizontal or vertical mounting, EC variable speed motor option</p> <p><b>YFTS-ECM</b> Cooling capacity: 0.4 – 3.8 kW Exposed and concealed, vertical mounting, tangential fan, EC variable speed motor</p> <p><b>LASER &amp; LOW BODY / LASER &amp; LOW BODY- ECM</b> Cooling capacity: 1.17 – 9.7 kW Exposed and concealed, horizontal or vertical mounting, EC variable speed motor option</p> <p><b>YHVP / YHVP-ECM</b> Cooling capacity: 1.17 – 3.81 kW Residential wall mounted, infrared remote option, EC variable speed motor option</p> <p><b>High static pressure blower YHPL / YHPL-ECM</b> <b>RFHP-O / RFHP-ECM</b> Cooling capacity: 1.4 – 30.6 kW up to 250 Pa ESP maximum, ducted unit horizontal mounting without case, EC variable speed motor option</p> <p><b>YEFB / YEFB-ECM</b> Cooling capacity: 4.2 – 27.5 kW up to 250Pa ESP Horizontal mounting without case, EC variable speed motor option</p> <p><b>YKEY / YKEY-ECM</b> Cooling capacity: 1.1 – 10.2 kW Ceiling mounted, coanda effect, 2 and 4 pipe versions available, EC variable speed motor option</p> <p><b>YHK / YHK-ECM</b> Cooling capacity: 1.3 – 15.1 kW Ceiling mounted cassette, 2 and 4 pipe versions available, EC variable speed motor option</p>	<h3>YORK ABSORPTION CHILLERS R718 (Natural-Water)</h3> <p><b>SINGLE EFFECT HOT WATER OR STEAM DRIVEN</b> <b>WFC SC / YHAU-CL/CH / YHAU-C</b> Cooling capacity: 18 – 7,033 kW</p> <p><b>SINGLE EFFECT DOUBLE LIFT HOT WATER DRIVEN</b> <b>YHAU-CL-DXS</b> <b>Hot Water Leaving down to 40°C</b> Cooling capacity: 176 – 2,500 kW</p> <p><b>DOUBLE EFFECT STEAM OR HOT WATER DRIVEN</b> <b>YHAU-CW / YHAU-CHW</b> Cooling capacity: 422 – 14,065 kW</p> <p><b>DOUBLE EFFECT DIRECT FIRED</b> <b>YHAU-CXR / YHAU-CG</b> Cooling capacity: 105 – 5,600 kW</p> <p><b>DOUBLE EFFECT EXHAUST GAS DRIVEN</b> <b>YHAU-CE</b> Cooling capacity: 527 – 3,516 kW</p> <p><b>MULTI ENERGY Hot water &amp; Steam &amp; Exhaust gas</b> <b>YHAU-CE-J / YHAU-CW-J</b> Cooling capacity: 527 – 5,064 kW</p> <p><b>SINGLE OR DOUBLE EFFECT LOW LEAVING (0° or - 5°C) Hot water &amp; Steam driven</b> <b>YHAU-L / YHAU-LL</b> Cooling capacity: 176 – 2,500kW</p>	<h3>YORK CHILLERS</h3> <p><b>AIR-COOLED</b> <b>AMICHI-S YVAG</b> Cooling capacity: 11.2 – 17.8 kW DC Inverter technology, Scroll compressor, R410A</p> <p><b>AMICHI YMPA</b> Cooling capacity: 41 – 254 kW DC Inverter technology, Scroll compressor, hydro kit, R454B and R410A</p> <p><b>TEMPO YLAA</b> Cooling capacity: 198 – 528 kW Scroll compressors, hydro kit, R454B</p> <p><b>YGT</b> Cooling capacity: 401 – 983 kW Variable-speed screw compressor with HFO, Heat recovery, Hydro kit, R1234ze</p> <p><b>YVAA</b> Cooling capacity: 648 – 1,693 kW New YVAA Style B High Performance available in Dec'21 Variable-speed screw compressor, R513A</p> <p><b>YVFA</b> Cooling capacity: 577 – 1,664 kW Air-Cooled VSD Screw Free Cooling, R513A</p> <p><b>YAS</b> Cooling capacity: 31.8 – 751.1 kW Reciprocating or screw compressor, R290 (Propane)</p> <p><b>WATER-COOLED</b> <b>YMWA/YMRA</b> Cooling capacity: 21 – 193 kW Scroll compressor, R410A</p> <p><b>YCSE/YCRE</b> Cooling capacity: 140 – 240 kW Screw compressor, R513A and R134a</p> <p><b>YRW</b> Cooling capacity: 151 – 321 kW Screw compressor, R513A</p> <p><b>YCW/YCRL</b> Cooling capacity: 178 – 595 kW Scroll compressor, R410A</p> <p><b>YVWH</b> Cooling cap.: 313 – 1,189 kW Variable-speed screw compressor, R1234ze</p> <p><b>YZ</b> Cooling capacity: 580 – 5,500 kW Variable Speed Centrifugal, Magnetic Bearings, R1233zd(E)</p> <p><b>YMC<sup>2</sup></b> Cooling capacity: 800 – 3,500 kW Variable Speed Centrifugal, Magnetic Bearings, R513A</p> <p><b>YK</b> Cooling capacity: 800 – 11,250 kW Centrifugal compressor, R1234ze and R513A</p>	<h3>YORK HEAT PUMPS</h3> <p><b>AIR-COOLED (2 pipes)</b> <b>AMICHI-S YVAG</b> Reversible, water up to 52°C Cooling capacity: 11.2 – 17.8 kW Heating capacity: 10.9 – 18.4 kW DC Inverter technology, Scroll compressor, R410A</p> <p><b>AMICHI YMPA</b> Reversible, water up to 55°C Cooling capacity: 41 – 254 kW Heating capacity: 45 – 256 kW DC Inverter technology, Scroll compressor, hydro kit, R454B and R410A</p> <p><b>YLPB</b> Reversible, water up to 55°C Cooling capacity: 336 – 629 kW Heating capacity: 344 – 653 kW Scroll compressors, hydro kit, R410A</p> <p><b>AIR-COOLED (4 pipes)</b> <b>YHA</b> Reversible, water up to 60°C Cooling capacity: 18.1 – 416 kW Heating capacity: 22.2 – 463.7 kW Scroll compressor, R454B and R410A</p> <p><b>YLZ</b> Reversible, water up to 65°C Cooling capacity: 20.9 – 180.1 kW Heating capacity: 24 – 209.6 kW E.V.I. scroll compressors, ductable option, R454B and R410A</p> <p><b>WATER-COOLED</b> <b>YMWA-HP</b> Reversible, water up to 55°C Cooling capacity: 21 – 186 kW Heating capacity: 24 – 215 kW Scroll compressor, R410A</p> <p><b>YCSE HP</b> Water up to 50°C Heating capacity: 170 – 300 kW Screw compressor, R513A and R134</p> <p><b>YWH</b> Water up to 78°C Heating capacity: 37.6 – 301.2 kW Scroll compressor, R134a</p> <p><b>YCWL</b> Water up to 50°C Heating capacity: 400 – 700 kW Scroll compressor, R410A</p> <p><b>YLCS</b> Water up to 65°C Heating capacity: 400 – 1,300 kW Screw compressor, R134a</p> <p><b>YVWH</b> Water up to 50°C Heating cap.: 315 – 1,250 kW Variable-speed screw compressor, R1234ze</p> <p><b>YVWH High Head HP</b> Water up to 80°C Heating cap.: 800 – 1,600 kW Variable-speed screw compressor, R1234ze</p> <p><b>YVWA</b> Water up to 60°C Heating capacity: 600 – 1,000 kW Variable-speed screw compressor, R513A</p> <p><b>YMC<sup>2</sup> HP</b> Water up to 65°C Heating capacity: 1,600 – 3,000 kW Variable Speed Centrifugal, Magnetic Bearings, R513A</p> <p><b>YK</b> Water up to 50°C (Std) / 70°C (HP) Heating capacity: 1,000 – 9,000 kW Centrifugal compressor, R513A</p> <p><b>ABSORPTION HEAT PUMPS TYPE I - R718 (Natural Water)</b> <b>YHAP-CL/CH / YHAP-C / YHAP-CW</b> Hot Water Leaving up to 95°C Heating capacity: 900 – 40,000 kW Hot Water, Steam, Natural Gas or Exhaust Gas driven</p>	<h3>SABROE HEAT PUMPS</h3> <p><b>HeatPAC recip</b> Water up to 90°C Heating capacity: 100 – 2,000 kW Recip compressor, variable speed only, Ammonia (R717) (&lt;50 kg charge)</p> <p><b>DualPAC</b> Water up to 90°C Heating capacity: 400 – 2,000 kW Variable speed, Ammonia (R717)</p> <p><b>Customised heat pumps</b> Water up to 90°C Heating capacity: up to 13,000 kW Screw or Recip compressor, fixed or variable speed, Ammonia (R717)</p>
<h3>PENN REFRIGERATION PRODUCTS</h3> <p><b>PRESSURE SWITCHES &amp; THERMOSTATS</b></p> <p><b>ELECTRONIC CONTROLS &amp; TRANSDUCERS</b></p> <p><b>WATER VALVES &amp; FLOW CONTROLS</b></p>	<h3>VERASYS SMART CONTROL SYSTEM</h3> <p><b>SMART BUILDING HUB</b> Web based control system that provides a mobile user interface to smart equipment branded controllers and thermostats</p> <p><b>SMART EQUIPMENT CONTROLLERS</b> Family of controllers and accessories specifically designed for HVAC/R equipment optimization</p> <p><b>VERASYS APPLICATION CONTROLLERS</b> Runs pre-engineered applications for control of HVAC equipment</p> <p><b>TERMINAL UNIT CONTROLLER PLUS</b> Designed for local complete control of unitary equipment with BACnet supervisory communication</p>	<h3>AIR DISTRIBUTION PRODUCTS</h3> <p><b>DAMPERS &amp; LOUVERS</b> Air Control, Pressure Relief, Backdraft, Fire, Smoke Dampers and Louvers</p> <p><b>VAV TERMINAL UNITS</b> Shut-off Single and dual duct and Fan Powered Variable Air Boxes</p> <p><b>GRILLES AND DIFFUSERS</b> Louvered, Square, Perforated, Slotted, Under Floor Diffusers, Specialized, Security Grilles</p> <p><b>ELECTRONIC AIR PURIFIERS</b> HVAC Electronic Air Cleaner, Indoor Air Purifiers, Kitchen Exhaust Units</p> <p><b>FAN FILTERED UNITS</b> Fan Filtered Diffusers with HEPA Filters</p>	<h3>YORK AIR HANDLING UNITS &amp; INDOOR AIR QUALITY OPTIONS</h3> <p><b>YMA (CUSTOMIZED)</b> Airflow range: 1,000-200,000 m<sup>3</sup>/h 2,000Pa Indoor / Outdoor application With or without Factory-packaged controls included</p> <p><b>YMA (MODULAR)</b> Airflow range: 2,160-48,600 m<sup>3</sup>/h 2,000Pa Indoor / Outdoor application With or without Factory-packaged controls included</p> <p><b>YMB</b> Airflow range: 500-100,000 m<sup>3</sup>/h 1,500Pa Indoor / Outdoor application Factory-packaged controls included</p> <p><b>YBV</b> Airflow range: 400-5,000 m<sup>3</sup>/h Indoor application, pre-packaged units with integral heat recovery device and factory packaged controls</p> <p><b>INDOOR AIR QUALITY OPTIONS</b> Monopolar Ionization, UV-C disinfection solution, Mobile Aircleaning HEPA unit</p>	<h3>SERVICE OFFERINGS</h3> <p><b>CHILLER DIAGNOSTIC TOOL</b> Proactive parts replacements recommendations to maintain efficiency, boost uptime and provide savings on unplanned repair costs. Available for: YHAU, YK, YZ, YMC<sup>2</sup>, YVAA, YMPA</p> <p><b>YORK CHILLER ACCESS MANAGER</b> Provides owners with control and visibility over who is operating, maintaining and servicing their chiller, ensuring the protection of an asset critical to facility operation. Available for: YK, YZ, YMC<sup>2</sup></p> <p><b>CONNECTED CHILLERS</b> Cloud-hosted analytical tool that cut costs, maximize uptime, and provide targeted maintenance to keep your chiller running compliant, efficient and reliable. Available for: YLAA, YLPB, YVAA, YVWH, YVWA, YZ, YK, YMC<sup>2</sup>, YHAU</p>	<h3>SABROE INDUSTRIAL REFRIGERATION</h3> <p><b>RECIPROCATING COMPRESSOR CMO</b> Capacity: 50 – 190 kW Fixed or variable speed, Ammonia (R717), hydrocarbons (HCs), common HFCs and derived blends</p> <p><b>SMC</b> Capacity: 130 – 1,225 kW Fixed or variable speed, Ammonia (R717), hydrocarbons (HCs), common HFCs and derived blends</p> <p><b>HPO/HPC/HPX</b> Heating capacity: 330 – 700 kW Cooling capacity: 80 – 185 kW Fixed or variable speed, Ammonia (R717), carbon dioxide (R744), hydrocarbons (HC), common HFCs and derived blends</p> <p><b>SCREW COMPRESSOR SAB, small / SAB, large</b> Capacity: 120 – 1,800 kW Fixed or variable speed, Ammonia (R717), carbon dioxide (R744), hydrocarbons (HCs), common HFCs and derived blends</p> <p><b>AIR-COOLED CHILLER ChillPAC Air</b> Cooling capacity: 300 – 1,400 kW Recip compressor, fixed or variable speed, Ammonia (R717)</p> <p><b>WATER-COOLED CHILLERS ChillPAC</b> Cooling capacity: 100 – 1,400 kW Recip compressor, fixed or variable speed, Ammonia (R717) (&lt;50 kg charge)</p> <p><b>ComPAC</b> Cooling capacity: 200 – 2,200 kW Screw compressor, fixed or variable speed, Ammonia (R717) (low charge)</p> <p><b>PAC screw or recip</b> Cooling capacity: 100 – 6,200 kW Screw or Recip compressor, fixed or variable speed, Ammonia (R717)</p> <p><b>CAFP low-temperature chiller</b> Capacity: 85 – 790 kW Fixed or variable speed, Ammonia/CO<sub>2</sub> (R717/R744)</p> <p><b>VESSEL AND EXCHANGER VESSEL PROGRAM</b> Separators, Intercoolers, Receivers and Air Purgers. Standard product range. Inhouse design and engineering department. PED, EAC, DNV, LRS, BV, ABS, MOM, DOSH, KGS, KR</p> <p><b>EXCHANGER PROGRAM</b> Shell and tube design Condensers, Evaporators and Cascade Units Capacity range from 50kW to 5000kW</p> <p><b>CONTROLS UniSAB III</b> Integrated systems controller for chillers and heat pumps</p> <p><b>SABchill and SABheat plant controller</b> Plug-and-play control panel for plant integration of chillers and heat pumps</p> <p><b>ISAC</b> Monitoring and control interface configuration system for refrigeration installations</p>	
<h3>CRITICAL ENVIRONMENTS SOLUTION</h3>	<h3>ROOM AUTOMATION SOLUTION</h3> <p><b>ROOM AUTOMATION SOLUTION</b> Complete range of KNX devices for lighting, sunblinds, heating and building controls</p>	<h3>YORK CLOSE CONTROL AC UNITS</h3> <p><b>YC-P SERIES</b> Cooling capacity: 8.0 – 160.3 kW Brushless DC compressors with inverter technology ad brushless EC motor fans. Upflow or downflow options, R410A</p> <p><b>YC-G SERIES</b> Cooling capacity: 43.3 – 170.2 kW Downflow supply, R410A</p> <p><b>YC-R SERIES</b> Cooling capacity: 21.9 – 36 kW Horizontal supply, R410A</p>	<h3>YORK ROOFTOP EQUIPMENT</h3> <p><b>ACTIVA ROOFTOP</b> Cooling capacity: 18.3 – 38.5 kW Cooling only, Heat pump, Cooling only + Gas heat, Heat pump + Gas heat, R410A</p> <p><b>ACTIVA ASR ROOFTOP</b> Cooling capacity R410A: 50 – 214 kW Cooling capacity R32: 95 – 140 kW Cooling only, Heat pump, scroll compressors, R410A, R32</p> <p><b>LARGE ACTIVA ROOFTOP</b> Cooling capacity: 108 – 169 kW Cooling only, Heat pump, Scroll compressors, R410A</p>	<p><b>Low GWP</b></p> <p><b>4 Pipes unit</b></p>	<p><b>Johnson Controls</b></p>	

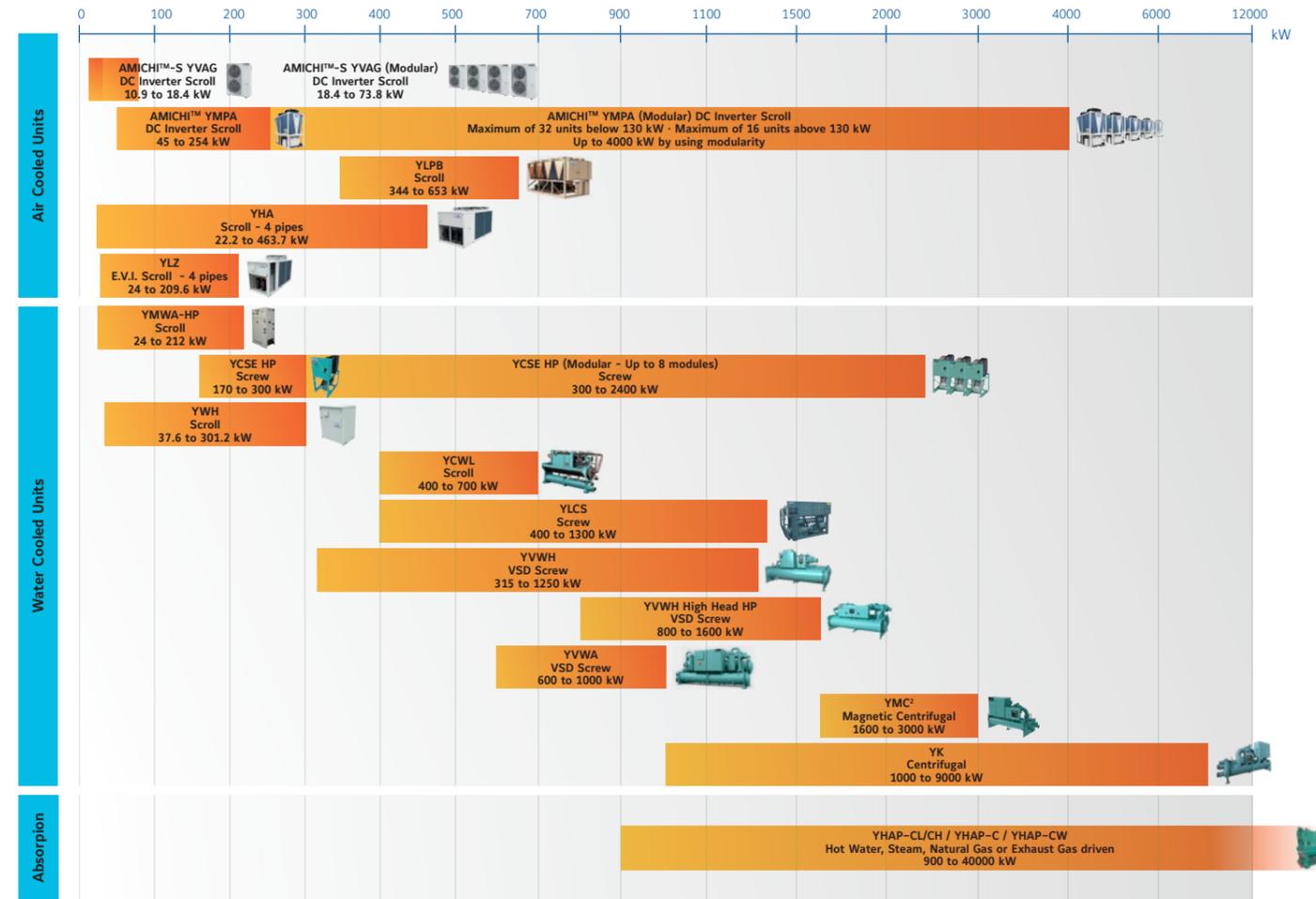
# YORK Chiller Units



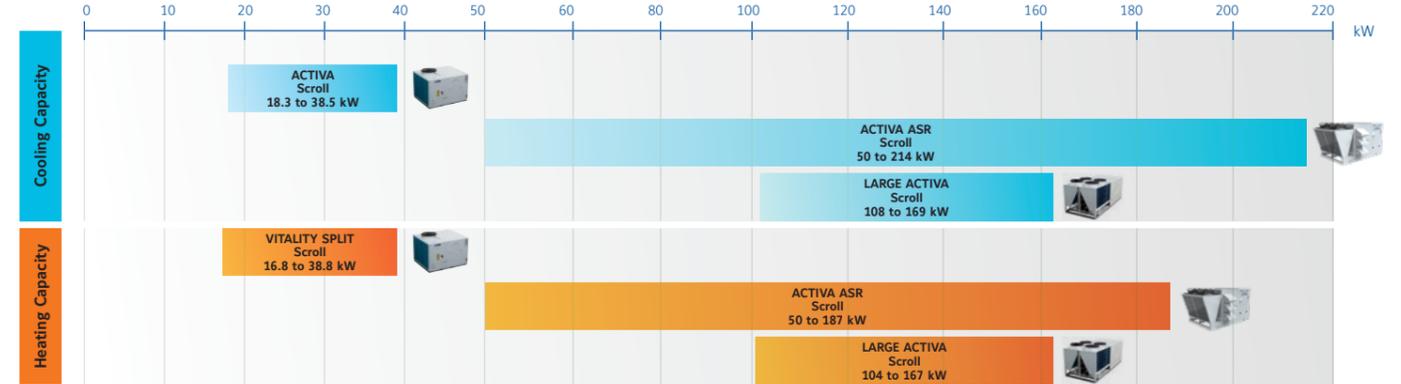
# YORK Fancoil Units



# YORK Heat Pump Units



# YORK Rooftop Units



# YORK Air Handling Units

