A complete selection of controls, equipment and systems

BUILDING MANAGEMENT SYSTEMS

METASYS®
APPLICATION & DATA SERVER
Support of IT standards and technologies, web-based user interface, long-term data storage.

NETWORK AUTOMATION ENGINE
Scalable family of engines from the smallest system to an enterprise network.

FIELD EQUIPMENT CONTROLLERS
Complete family of field controllers and accessories.

WIRELESS COMPONENTS
Wireless field buses and room temperature sensing systems designed with the latest wireless technology.

TERMINAL EQUIPMENT CONTROLLERS
Complete local control of unitary equipment, plus supervisory communication. Available in BACnet, LON and N2 configurations.

INTEGRATION COMPONENTS
Adapts legacy and proprietary systems to current open systems architecture.

AIR-HANDLING UNITS & COILS

SOLUTION™ XT COMMERCIAL PERFORMANCE
2,000-20,000 CFM
Indoor, 2" foam double-wall panels, variable aspect, flexible factory-packaged controls

SOLUTION XT HIGH PERFORMANCE
2,000 – 120,000 CFM
Indoor & outdoor, 2" foam double-wall panels, variable aspect, flexible factory-packaged controls

SOLUTION YC ULTRA PEFORMANCE
2,000 – 200,000 CFM
Indoor & outdoor, 2", 3" or 4" foam double-wall panels, fully customizable

COILS
Hot water, cold water, glycol, steam, refrigerant

UNDERFLOOR AIR DISTRIBUTION SYSTEMS

FLEXSYS™ SYSTEM
VARIABLE AIR VOLUME · 100 to 300 CFM
Unique time-modulation control, variety of sizes, shapes and colors

MANUAL DIFFUSERS · 80 to 300 CFM
Variety of sizes, shapes and colors, user control, directional and omni-directional

FAN TERMINAL UNITS · up to 1500 CFM
Programmable circuit board design, electric or hot water

LINEAR TROUGH GRILLES · up to 450 CFM
Heating/cooling – electric or hot water, time-modulation, VAV control option

WATER-COOLED CHILLERS

ELECTRIC
YORK® YCWL · 50 – 200 tons
Scroll compressor, HFC-410A refrigerant

YORK YR · 200 – 435 tons
Screw compressor, HFC-134a refrigerant

YORK YS · 115 – 430 tons
Screw compressor, HFC-134a refrigerant

YORK YMC² · 215 – 380 tons
Centrifugal compressor, magnetic bearings, permanent magnet motor, OptiSpeed variable-speed drive, HFC-134a refrigerant

YORK YK · 250 – 3,000 tons
Centrifugal compressor, OptiSpeed variable-speed drive, HFC-134a refrigerant

YORK YD · 3,000 – 6,000 tons
Centrifugal compressors, HFC-134a refrigerant

YORK CYK · 500 – 2,500 tons
High-head, compound centrifugal compressors, HFC-134a refrigerant

YORK OM · 3,000 – 5,500 tons
Custom-designed, centrifugal compressor, also steam drive, HFC-134a refrigerant

GAS/STEAM/OIL
YORK YST · 700 – 2,800 tons
Centrifugal compressor, steam-turbine drive, HFC-134a refrigerant

YORK YPC · 200 – 700 tons
Absorption chiller, two-stage, gas, oil, or high-pressure-steam drive, water refrigerant

YORK YIA · 120 – 1,380 tons
Absorption chiller, single-stage, low-pressure-steam or hot-water drive, water refrigerant

AIR-COOLED CHILLERS

YORK YCAL · 15 – 65 tons
Scroll compressors, HFC-410A refrigerant

TEMPO™ YLAA · 70 – 180 tons
Scroll compressors, HFC-410A refrigerant

LATITUDE® YCIV/YCAV · 150 – 515 tons
Variable-speed screw compressors, HFC-134a refrigerant

VARIABLE REFRIGERANT FLOW SYSTEMS

OUTDOOR UNITS · Systems from 3-25 tons
Mini heat pump, heat pump and concurrent heating/cooling

INDOOR UNITS · ½-4½ tons
Ceiling, wall and floor models; exposed and concealed

CONTROLS & ACCESSORIES
Remote unit control, network diagnostic tool

CONDENSING UNITS & CONDENSERS

YC/YD & NC/ND SPLIT SYSTEM · 7.5 – 50 tons
Scroll compressors, HFC-410A refrigerant

YORK YCUL · 40 – 80 tons
Condensing unit, scroll compressors, HFC-410A refrigerant

YORK YLUA · 80 – 160 tons
Condensing unit, scroll compressors, HFC-410A refrigerant

YORK VDC · 155 – 2,280 MBH
Air-cooled condenser, multiple refrigerants

YORK VDCF · 155 – 2,280 MBH
Fluid cooler, water or glycol

OUTDOOR PACKAGED EQUIPMENT

SERIES 5 SINGLE-PACKAGED UNITS
Cooling capacity: 3-6 tons
Rated up to 13 SEER / 11.2 EER / 13.1 IEER

SERIES 10 SINGLE-PACKAGED UNITS
Cooling capacity: 3-12.5 tons
Rated up to 15 SEER / 12.2 EER / 14.9 IEER

SERIES 20 SINGLE-PACKAGED UNITS
Cooling capacity: 15-25 tons
Rated up to 11 EER / 12.9 IEER

SERIES 40 SINGLE-PACKAGED UNITS
Cooling capacity: 25-40 tons
Rated up to 10.5 EER / 12.3 IEER

SERIES 100 SINGLE-PACKAGED UNITS
Cooling capacity: 50-130 tons
Meets or exceeds ASHRAE 90.1 energy standards

INDOOR PACKAGED EQUIPMENT

AIR-COOLED SELF-CONTAINED UNITS
Vertical · 3-20 tons, horizontal · 2-10 tons

WATER-COOLED SELF-CONTAINED UNITS
Vertical · 5-105 tons

WATER SOURCE HEAT PUMPS
Vertical & horizontal · ½-25 tons geothermal

REVERSIBLE CHILLERS
Water-to-water heat pumps, 8-45 tons, modular application, geothermal

VERTICAL AIR CONDITIONERS & HEAT PUMPS
¾-3 tons cooling, 3kW-10kW electric heating

SKYPAK™ SELF-CONTAINED HEATING/COOLING UNITS
1-2.5 tons cooling, 20,000-80,000 BTUH gas heating

TERMINAL UNITS

FAN-COIL UNITS · 250-5,000 CFM
Exposed & concealed, horizontal & vertical, variable cabinet sizing, direct-drive and belt-drive, flexible factory-packaged controls, wireless-ready option

UNIT VENTILATORS · 500-2,000 CFM
Horizontal and vertical units, flexible factory-packaged controls, wireless-ready option

VAV TERMINAL BOXES · 75-8,000 CFM
Single-duct, series or parallel fan-powered, flexible factory-packaged controls, wireless-ready option

COMMERCIAL COMFORT SYSTEMS (CCS)

SINGLE-PACKAGED UNITS
Cooling capacity: 3-65 tons
Heating capacity: 40 to 900 MBH output

SYSTEM MANAGER & ZONE COORDINATOR
Color touch screen user interface, remotely accessible via standard web browser, controls up to 24 changeover/bypass zones or 32 VAV boxes

VAV TERMINALS · 75-8,000 CFM
Single-duct, series or parallel fan powered

ZONE & BYPASS DAMPERS
Complete assembly including factory mounted, wired and programmed direct digital controller (DDC)

CONTROL PRODUCTS

VARIABLE-SPEED DRIVES
Open, enclosed and bypass drives, 1–250 HP, engineered solutions available

VALVES, ACTUATORS & DAMPERS
Global product family, broad selection, easy installation

SENSORS & THERMOSTATS
Temperature, humidity and CO_2 sensors

AIRFLOW MEASURING SYSTEM
Differential pressure or thermal dispersion

REFRIGERATION CONTROLS
Temperature, pressure, fan speed and lube oil controls, flow switches, drives

CONTROL PANELS
Pre-wired and pre-assembled, standard and custom control panels

SECURITY & FIRE SAFETY PRODUCTS

P2000 SECURITY MANAGEMENT SYSTEM
Interactive, real time security management

CONTROLLERS
Intelligent network/IP controllers

DIGITAL VISION NETWORK
Hybrid video surveillance system

IFC FIRE ALARM CONTROL PANELS
Scalable systems to meet any size application

SERVICE

With more than 150 offices across North America, Johnson Controls has the know-how, experience and resources to meet all of your facility service needs, including preventative and predictive maintenance, remote monitoring, 24/7 coverage and emergency repairs.
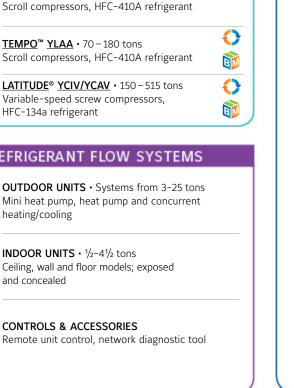
SOLUTIONS

There is increased focus on reducing carbon footprints and being good stewards of the environment. Customers are being asked to deliver all of that and more with budgets that have never been tighter. We have a long history of partnering with public and private entities to deliver innovative, guaranteed solutions that meet your triple bottom line. Create quality environments. Maximize energy and water efficiency. Provide clean, renewable energy. And save millions!

CONTACT JOHNSON CONTROLS

For more information contact your local Johnson Controls representative or visit us at **www.johnsoncontrols.com**

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