

Explore the World of YORK

YORK International serves the global market in providing and maintaining heating, ventilation, air conditioning and refrigeration (HVAC&R) systems and equipment for industrial, commercial and residential applications. YORK is a wholly owned subsidiary of Johnson Controls, Inc., a global leader in interior experience, building efficiency and power solutions. YORK is part of the building efficiency business, which is represented in over 170 countries in North America, Asia, Europe, the Middle East and Latin America. We have more than 500 sales and service offices, 36 manufacturing plants and over 52,000 employees.

Touching and improving our lives every day, YORK HVAC&R systems operate in office buildings, manufacturing plants, schools, hospitals, shopping malls, airports, and food and beverage processing facilities; textile, electronics, pharmaceutical, chemical, and petro-chemical industries; commercial marine applications and sporting venues; as well as homes, apartments, condominiums, restaurants, and shopping centers throughout the world - bringing us good times, great places, and fantastic solutions.

good times...

### REFRESHMENTS, ANYONE?

Whether you're celebrating with friends

or simply relaxing at home, YORK International is helping to bring you the refreshing flavors of special beverages.

For example, we've introduced a revolutionary speed drive solution for bottled water applications using environmentally friendly refrigerants. Our special capabilities help produce and cool the best champagne using strict temperature controls. And breweries from the Ukraine to Ohio are putting YORK's largest chillers to work year-round to control their highly specific fermentation and aging processes.

When it comes to good times, YORK is there to help you celebrate.



### **COOL CULTURE**

Enjoying cultural events is always a treat. In Moscow, thanks to YORK solutions, patrons of the famous Bolshoi Theatre enjoy performances in complete comfort regardless of the weather. Here, a special system designed by YORK actually distributes air through the theatre's chairs for optimal temperature and air control.

To the east, YORK's equipment is meeting different challenges at the stunning Shanghai Grand Theatre in China. With three separate theatres, a multi-story lobby, and more, this landmark uses YORK chillers to keep all 62,803 m2 at just the right temperature.

All over the world, YORK's HVAC solutions are making it easy for cultural and leisure

venues to host millions of visitors in perfect comfort.



### ON YOUR MARK

From the futuristic towers of the Shanghai Circuit in China to the striking Bahrain International Circuit in the Middle East, Formula One racing is bringing thrills to millions of fans.

YORK cooling solutions bring comfort to most of the enclosed areas at the Bahrain track, including special VIP stands, broadcast, dining and medical areas—a true challenge in the desert, where surrounding temperatures can soar higher than 122° F (50° C). Eastward, the Shanghai Racing Circuit also chose YORK to supply energy-efficient cooling for its sporting



events.

From the roar of the starting engines to the waving of the checkered flag, these entertainment centers exhibit the classic ingenuity and reliability of YORK's special brand of solutions.



### **WORLD CUISINE**

Vancouver salmon, Cabo de Horno Cabernet Sauvignon, Chilean plums, and French brie—what do these have in common? YORK leading-edge refrigeration solutions. Our equipment works efficiently to keep all these foods at critically controlled temperatures, whether they're being processed, stored or served.

Each application presents strict temperature guidelines that YORK can control. Leading edge refrigeration technologies maintain critical temperatures in the largest wholesale market in the world—Rungis

International. A fish processing facility in British Colombia, is provided seventy metric tons of ice every day. YORK partners with the internationally acclaimed Chilean winery, Viña San Pedro. It's no surprise that the top ten fruit exporters, nine of the top ten fish producers and eight of the top ten salmon producers in Chile sing the praises of YORK's reliable refrigeration solutions.

So the next time you order that glass of wine, glazed salmon, or a beautiful fruit and cheese plate, YORK International's unique capabilities quite possibly helped bring it to the table. ¡Salud!

### LIVING IT UP

When you're on vacation, you deserve to be comfortable. That's why YORK's cutting-edge cooling equipment works 24/7, 365 days a year at world resorts—to make your vacation the best it can be.

Battling high humidity and temperatures in Florida's Northwest Gulf Coast, YORK screw chillers, variable-speed drives and an integrated systems network encourage relaxation at the Hilton Sandestin Resort. Guests of Sandals resorts in Jamaica or Antigua and at Gaylord Hotels®' magnificent Gaylord Texan® Resort in Grapevine, Texas find relief from the unrelenting heat, courtesy of YORK equipment.

At the Gaylord Palms® Resort & Convention Center in Kissimmee, Florida,



The Atrium at Gaylord Palms Resort

YORK cools a 20-million-cubic-feet atrium via air fountains and concealed ductwork.

So have a cool, comfortable vacation, brought to you, in part, by YORK.

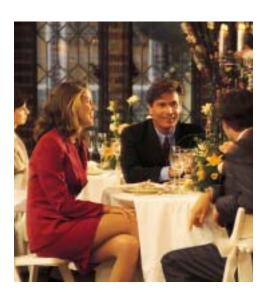
### PRACTICALLY A MINI-VACATION

Treat yourself to a gourmet meal at an upscale restaurant and you may have YORK air conditioning, to a degree, to thank. Whether you're closing a big deal over coffee or proposing over champagne, your hosts are making every effort to put you at ease and make your outing memorable.

Even before your meal is served, YORK refrigeration solutions are at work—

freezing your salmon on a vessel at sea or storing the ingredients for your vinaigrette. YORK's specially designed equipment chills food at the optimal temperature so that it's kept fresh, safe and full of flavor.

The best restaurants know this, and use the best equipment, the best help, the best setting and the best ingredients. YORK—harnessing technology to make your evening special.



### WINTER FUN

Fresh powder. Perfect ice. All over Europe and the US, including past and future Winter Olympic sites, YORK is helping people enjoy winter sports.

Ambitious research and development is at the heart of YORK's success in snowmaking as it resolves ski resort snow issues. Installations in Austria, Switzerland, Spain, Norway and China showcase YORK's superior automated equipment, and in Virginia we supplied the first fully automatic snowmaking venue in the US.

At Netherlands' SnowWorld, the largest indoor ski run in the world, YORK equipment chills the complex year-round with environmentally clean energy. It's also at work at Europe's largest skating rink, Moscow Skating Center in Krylatskoe, Russia, and at Olympic luge tracks in Lake Placid, New York. So whether you're watching indoor world championship snowboarding or hitting the slopes—or gracing the ice—yourself, you can rely on YORK for top conditions.



### TAKE ME OUT TO THE BALLGAME

Fans of the Anaheim Angels, Olympic ice skating, and Saudi Arabia's Gulf Cup Soccer Championships all reap the benefits of YORK's innovative technology.

Another venue, the Shanghai Stadium, featuring 80,000 seats, a hotel, an underground recreational athletic center and parking for 1,600 cars, presented temperature and fresh air challenges, which YORK was ready and able to meet.

No matter what the score is at Portugal's Estádio da Luz (Stadium of Light) or the home court of the San Antonio Spurs, we invite you to cheer for your favorite team and let YORK sweat the details.

### IT'S TIME TO GET COMFORTABLE

Grilling with family and friends this weekend? Or maybe you're hosting a wine-tasting party or 50th anniversary celebration. Perhaps what you really like is a quiet night spent relaxing by the fire. Whatever your favorite home recreation is, YORK's got you covered. Because providing heating and air conditioning solutions for residences is something we've been doing for years. Chances are you've been too busy enjoying the comfortable temperatures to notice. YORK's reliable equipment automatically takes good care of you - so you can spend your time doing the things you love.



Design, Innovation, Comfort. When it's time to enhance your family's environment, it's time to turn to YORK.



### BROUGHT TO YOU BY...

Whether you're a news junkie, an avid reader, or prefer to relax and watch your favorite comedy, the entertainment and information you enjoy is brought to you, in part, courtesy of YORK's innovative HVAC solutions.

When CNN's 1.5 million ft<sup>2</sup> complex in Atlanta needed a new, cost-efficient energy plan, the company turned to YORK. Instead of just replacing the aging chillers, YORK created a flexible hybrid plant that takes advantage of low, off-peak demand pricing for both electric and

natural gas energy. We developed a solution that saved almost \$200,000 in net costs per year for the media giant.

Taking advantage of deregulation and the day-to-day pricing of different fuels, the Time & Life Building in New York City uses a one-of-a-kind tri-fuel system designed by YORK. Using chillers powered by electricity, steam and natural gas, we deliver cost-conscious cooling for its publishing systems, computer rooms and photo labs 24/7.

YORK media solutions - delivering innovation for our favorite pastimes.

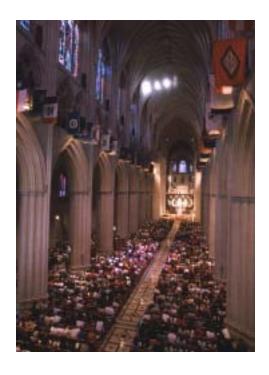
great places...

### UNPARALLELED BEAUTY, FOCUSED REVERENCE

All over the world, worshippers gather in beautiful settings to celebrate their faith. And everywhere groups of people gather indoors, climatic challenges put YORK equipment to the test.

With up to 20,000 worshippers at a time at the Grand Mosque in Mecca, as well as a library of rare Islamic manuscripts, the need for temperature and humidity controls is crucial. Here, YORK reciprocating chillers efficiently combat the extreme desert temperatures. YORK chillers and ice storage technology provide comfort to worshippers at the National Cathedral in Washington, DC. At the Temple Israel synagogue in St. Louis and the Brooklyn Tabernacle in New York City, HVAC systems offer comfort, reliability and cost savings. A Mexican national treasure, the soaring Cathedral Metropolitana, also relies on leading-edge technology from YORK to meet its unique energy challenges.

Keeping distractions to a minimum in these holy centers is just one more way YORK contributes to our quality of life.



### **SPACIOUS GOVERNING**

World-changing decisions are made every day in national and international houses of government, where YORK air and cooling solutions provide uninterrupted comfort to these strategic facilities.

At the 270,000 million ft<sup>2</sup> Grand Palace of the Kremlin in Moscow, 80 YORK airhandling units keep 700 rooms comfortable for all who live and work there. The Hague, seat of government in the Netherlands, also relies on YORK equipment.

Washington DC's U.S. Capitol Building, with millions of tourists, an 188-foot-high circular Rotunda Room, and far-reaching North and South Wings, presented its own challenges. Yet for over 40 years, YORK chillers have been keeping this sprawling power center comfortable year-round, providing 160,000 kW of cooling capacity to generate chilled water. The Supreme Court, Library of Congress and all office buildings for both the House and Senate are also kept comfortable by YORK equipment.

No matter how crucial the matters discussed within these hallowed halls, YORK is there, providing behind-thescenes, state-of-the-art solutions that keep legislators and visitors comfortable.



### **CUTTING-EDGE TECHNOLOGY**

Massive change is happening all over the world, and YORK is keeping pace. We're improving indoor air quality and comfort for those who work for today's leading technology manufacturers, as well as at shopping, dining, and entertainment venues. At the same time, we have all become keepers of the global environment. With that comes responsibility – a responsibility that YORK takes very seriously.

We provide state-of-the-art, energyefficient cooling to many of today's world leaders with our "green-friendly" solutions. For 35 years we've been supplying HVAC and refrigeration services critical to the operations of Singapore's S.T. Microelectronics, the world's largest manufacturer of semiconductors.

Inside one of the world's largest buildings, Taipei 101 in Taiwan, YORK HVAC handles nearly 360,000 m² of restaurants, shops and workspace. YORK ingenuity is also evident in Hong Kong, where the giant IT facility, Cyberport, relies on us for its temperature and air control, which are crucial for its operations.

YORK – preserving quality of life and the environment.

### **UNEARTHING PRECIOUS METALS**

Some of the most beautiful minerals are found far below the Earth's surface. We wear them, we display them in museums, and we use them in diverse technologies. To harvest them, YORK's fantastic solutions have been making deep-level mines more accessible.

Travel with us to South Africa and more than two miles below the Earth's crust to one of the world's deepest mines. For every 108 feet you descend—and you'll descend about 13,000 feet—the temperature rises by 1 degree. Humidity approaches 100%. YORK comes to the

rescue, harnessing 102,000 kW of energy to cool and dehumidify the air.

Platinum is also mined here for antipollution devices, catalytic converters, pacemakers, cancer drugs, jewelry, dental equipment, and more. To extract this important element, YORK developed specialized ammonia chillers to chill and blow cool air more than a half-mile underground. Without them, miners would work in temperatures of up to 131°F (55° C).

YORK—making a difference in even the most hostile work environments.



### ART - AND TECHNOLOGY -ON DISPLAY

Museums are the world's historians. They capture the history of our civilization in all of its creativity and ingenuity, and open our eyes to its wonders. As keepers of treasures, they require special conditions to preserve art, artifacts and facts.

At the Rijksmuseum in the Netherlands, 1.2 million people enjoy nearly a million works of art, including priceless paintings by Dutch Masters like Rembrandt and Vermeer. Paris' vast Pompidou Center hosts about 18,000 people a day who view modern and contemporary sculpture, paintings, and more.

Presenting a different dilemma was the First Flight Centennial Pavilion in Kitty Hawk, North Carolina. Three connected tent-like structures required leveraging outdoor air for pressure, with an opening hangar door disturbing the delicate air flow balance, and humidity levels easily reaching 80 percent. Meeting the challenge, YORK's highly efficient convertible, single-package heat pumps and rooftop air conditioning and gas/electric heating units provide year-round comfort for this cultural center.

Preserving our past by meeting the challenges of today and tomorrow, YORK is a true leader.



# SMART SOLUTIONS FOR TOMORROW'S LEADERS

Higher education is pivotal in the lives of those who commit to it. Our flagship installation for this category is at Guangzhou Higher Education Mega Center. The largest single cooling system project in China and one of the largest in the world, this mega center is itself a large city. Accommodating up to 400,000 people, 10 universities, 57 research institutes, and over 3.5 million m² of indoor space, YORK employs its innovative ice thermal technology. This extremely efficient, environmentally

friendly system stores cooling capacity at night for use in peak daytime hours.

At the National University of Singapore, more than 33,000 students have YORK to thank for the cooling comfort that allows them to concentrate on their studies. Forty reliable YORK chillers have been keeping things comfortable there since 1991.

For Amsterdam's Vrije Universiteit hospital and research facility (VU University Medical Center), YORK equipment provides critical flexibility. The faculty, staff, and even the building itself

must be fluid as new developments in care emerge.

In these ways, our flexible, efficient HVAC solutions contribute to the success of our world's future leaders.



fantastic solutions...



## AIRPORT AMBIANCE: THE SKY IS THE LIMIT

Behind the scenes, hundreds of suppliers like YORK work to make your experience at major airports more enjoyable. Here's how. At Detroit Metropolitan Airport, YORK is delivering world-class comfort via an unusual solution—steam turbinedriven chillers. The result? A savings of \$1.8 million in energy costs and dramatically fewer temperature-related complaints.

At Miami International Airport, 18 new air-handling units and extremely quiet

fans reduce noise while meeting increased cooling demands. YORK's high-capacity ammonia chillers and local engineering and service get the job done in Terminal 5 at Heathrow Airport in London. Dubai International Airport in the Middle East, one of the fastest growing airports in the world, chose YORK as its preferred supplier. To accommodate their expansion, we provided 59 chillers for a total cooling capacity of 118,000 tons, using environmentally friendly refrigerant HFC-134a.

With YORK, your airport experience takes you to new heights.

### TO THE RESCUE

When disasters happen, you need help immediately. You need responders who have the expertise - and the endurance - to keep working hard until things are back in order.

When Westmoore High School in Moore, Oklahoma was hit by an F5 tornado, YORK technicians were on site quickly, replacing the cooling tower, rooftop units and ductwork. The system was recommissioned and controls upgraded, meeting the August school re-opening

timeline. When hurricanes hit the southern United States, YORK hustled to provide service and replacements in record time. As the United States Naval Academy found itself under eight feet of water following a hurricane's fury, YORK mobilized on site to quickly replace electrical components and provide operational chillers.

When trouble hits—accidents or natural disasters—YORK is lending a hand to restore order quickly and completely.



### **HEALING SOLUTIONS**

We all recognize the importance of topquality healthcare. Let's take a brief look at how YORK is helping to raise the bar when it comes to medical facilities.

When the US Army Corps of Engineers looked for a supplier with the best solution for its new burn treatment center, it turned to YORK. Treatment facilities for burn victims require tighter-than-normal tolerances for air flow and extremely precise controls. The specifi-

cations for the Brooke Army Medical Center in San Antonio were no exception. YORK's integrated systems network assures constant monitoring. Creating special calibration stations, we are able to precisely control conditions at the burn center and throughout the 1.5-million-square-foot research facility.

Worldwide, medical professionals rely on YORK to provide the optimal environment for healing.





### A GREAT ALTERNATIVE

Providing fantastic solutions is not just about product innovation. It's about understanding exactly what customers need. The large initial capital expenditure for an HVAC system and the long-term risk of system ownership presents a challenge. So we developed a very positive alternative – YORKsource.

Rather than buying equipment, constructing the system and then self-providing on-going operations, companies can outsource these activities to the industry experts through YORKsource. We convert the entire

expense and risk into a stable priced, guaranteed commodity delivered as an operating expense.

Through our YORKsource program, we make it possible for businesses like the Pennsylvania Convention Center to reduce their risk and spread out the capital and maintenance costs as an operating budget expense over time. As part of the package, we are delivering long-term full maintenance with guaranteed system performance.

The YORKsource alternative – just one more innovation from York, a true industry leader.



© Norsk Hydro

### **ENERGY HELPING ENERGY**

Extracting one type of energy from the Earth—or the sea—often takes another kind of energy.

For example, natural gas must be cooled to approximately -25° F to avoid condensation while it's being pumped ashore. YORK's multistage centrifugals have performed flawlessly for Saudi Aramco in this application for 20 years, and were recently updated with our new environmentally friendly refrigeration units. These specially designed, low-temperature systems are located on various production platforms in the Persian Gulf.

We've also been meeting the special challenges of the world's longest sub-sea gas pipeline gas plant in Norway as well as those at the Cantarell Oilfield in Mexico, the largest offshore development project ever. Offshore or just around the corner, YORK energy solutions have been making difficult and unlikely technology possible all along.

### **PURELY CLEAN**

How clean is clean? For "clean rooms," that means extremely clean. Dust and other tiny particles must be eliminated. Air quality must be as pure as possible, and temperature and humidity control are crucial.

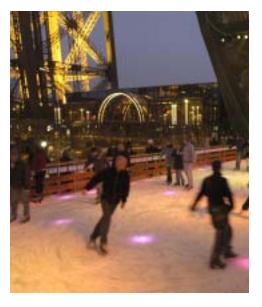
For the pharmaceutical industry, YORK equipment is specifically designed to create and maintain a stringently regulated environment. For other installations, YORK solutions include nuclear and biochemical filtration. Our expert consulting in the design phase of clean rooms helps ensure the ideal setting

for safe, uncontaminated air and materials. That's why our customers include household names like Procter & Gamble, Bristol-Myers Squibb, Merck, Pfizer, Aventis Pharmaceuticals. We make sure unwanted elements – naturally

occurring impurities or intentional contamination – are filtered out.

When it really counts, manufacturers trust YORK to create the perfect environment for success.





### **TEMPORARY SOLUTIONS**

A holiday ice rink suspended 188 feet above the ground. An airplane connected to the terminal. An air conditioning system failure or replacement. These are situations where the perfect option is a temporary one: YORK rental equipment.

When an elevated ice skating rink was proposed for the Eiffel Tower's winter celebration, YORK had the solution. When the U.S. Navy's ships being worked on at the Norfolk Naval Ship Yards

needed cooling during dry dock periods, YORK provided rental units to fill the gap. And during construction delays or planned shutdowns, the ideal solution is YORK rental equipment.

Because temporary cooling challenges call for temporary solutions—we offer our flexible rental solutions, backed by our first-class service.

### **UNDER THE WEATHER**

Unusual challenges require unusual solutions. Three unique tunnels utilize our unique capabilities:

 Climatic Wind Tunnel—What if you could anticipate every weather-related stress for the new car or building you were designing? Or test chemical air filtration systems under actual conditions before they're placed on site? Thanks to the Jules Verne Climatic Wind Tunnel in France and YORK solutions, you can.

 The Chunnel—This 31-mile underwater and underground tunnel carries millions of passengers and millions of tons of freight between France and England at up to 100 miles per hour in just 20 minutes. YORK multistage centrifugal chillers provide 79,900 kW (22,750 TR) of refrigeration and

- cooling, and circulating, 54 million gallons of water in this, the world's first air conditioned tunnel.
- Freezing Tunnels—At Goiás Carnes, a large meat production facility in Brazil, YORK provides a freezing capacity of 19 tons per hour. Our solution made cooling and freezing much more efficient, raising meat quality and boosting productivity.



### STAYING CONNECTED

Communication—with friends and family, businesses, governments and emergency responders—needs to be seamless. To help our telecommunications customers provide uninterrupted service and lower operating costs, YORK provides a national solution.

Eliminating heat at the source of wired and wireless communications equipment is critical to avoiding failure. We partner with our telecommunications customers, such as Nextel, delivering the cooling reliability they need. We stock service



trucks with equipment for quick repairs, provide live access to trained technicians 24/7, and automatically schedule preventive maintenance.

For MCI, YORK centralized HVAC functions for data and technical facilities

at approximately 900 sites. Our national solution adds value, tracking service history and equipment age, lowering costs, and consolidating billing. It's no wonder the world leaders in telecommunications choose YORK's world-class solutions.

### AT THE HELM

YORK provides reliable air conditioning—even at sea. For submarines, stealth and air quality can be a matter of life and death, and international and military requirements are stringent. HVAC systems must be extremely quiet, extremely dependable, and extremely precise. That's why 19 of the world's navies and over 90% of the U.S. Navy's fleet of surface ships and submarines choose YORK's precision air conditioning and refrigeration systems.

Royal Caribbean's Voyager of the Seas, the world's largest cruise ship, also utilizes YORK's naval engineering capabilities. The popular Voyager was the first to launch an oceangoing ice rink and other cutting-edge entertainment attractions. They are able to offer guests amenities like these, courtesy of YORK's hardworking chillers.

For all ocean-going vessels, whether they're cruise ships transporting people, warships bearing weapons, or bulk carriers ferrying cargo, they all thrive on the reliability and efficiency YORK equipment provides.



talented people...

### TALENTED PEOPLE

If you like having the opportunity to innovate, you're the kind of employee who's happiest at YORK. Ever since our company was founded in 1874, we've believed in encouraging initiative.

Today, our products are sold in more than 125 countries. We're a diverse, worldwide workforce. And we're the largest independent supplier of HVAC&R equipment in the US—and a global leader in the industry. This kind of success comes from true innovation. The kind that wins awards and achieves unprecedented levels of energy efficiency, better indoor air quality, higher environmental standards, and reduced operating noise levels for our customers.

In this era of increased global competition, understanding and valuing diversity represents our greatest opportunity. YORK believes the primary source of its competitive advantage is the commitment, enthusiasm, ingenuity and diversity of its employees.







### **CUSTOMER FOR LIFE**

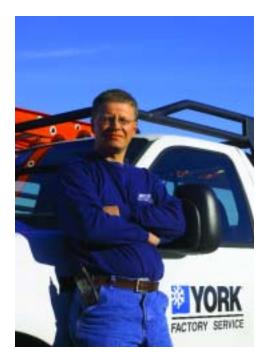
To develop customers for life, you must diligently examine your customers' needs and then dedicate yourself to meeting them quickly and efficiently. From the design stage, in which we carefully consider the best overall solutions for our customers, to the delivery of innovative products, to the most outstanding service organization in the world, that's exactly what YORK International has done. We've trained very capable international network design, production and field technicians on the latest equipment and technology. We've invested in enhanced capabilities. And we go out of our way to keep our customers up and running.

One example of just how far out of our way we go occurred one severe winter day in New England. A remote customer called to say they were experiencing problems with their system. Accessible only by four-wheel drive vehicles, this site was now even harder to reach following a major snowstorm. The solution? One of our professionally trained technicians simply rented a snowmobile and took care of the problem. We do what it takes!

This dedicated workforce serves YORK customers worldwide. A specially developed service solution,

YORKConnect, provides a single point of contact and sophisticated equipment performance tracking for multi-site national customers, such as CVS, with its 5,500+ stores. Services such as remote monitoring, eco-friendly upgrades, and proactive preventive maintenance deliver comprehensive solutions to customers.

These types of services and these well-thought-out solutions, along with our innovative designs and superior equipment, are what has distinguished YORK—and made customers for life—all over the world.





## YORK...

Good times, great places, fantastic solutions –

all made possible by YORK's talented people -

our greatest asset.





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