

Ingersoll Rand at a Glance

Our Company

Our Products

Our Value

Version 4.0
Updated to include
Climate Solutions





Today's Ingersoll Rand is positioned to help our customers address critical business and residential challenges. As a world leader in creating and sustaining safe, comfortable and efficient environments, we are ready to offer our unique expertise and comprehensive solutions and services to businesses and homes globally.

This brochure contains information on our market-leading products, systems and services and how they deliver the efficient, reliable solutions that our customers have come to expect from us. Now more than ever, we're prepared to continue our pursuit of innovation while firmly establishing our status as a premier diversified industrial company.

Michael W. Lamach

Chairman, President and Chief Executive Officer

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Overview

Who We Are

Ingersoll Rand creates and sustains safe, comfortable and efficient environments. We are a \$13 billion company whose people and market-leading brands—including Club Car®, Hussmann®, Ingersoll Rand®, Schlage®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings, transport and protect food and perishables, secure homes and commercial properties, and increase industrial productivity and efficiency. We are committed to sustainable business practices within our company and for our customers, helping them improve quality of life and the health of our environment around the world.

Our Vision

We are dedicated to driving progress for our shareholders, employees and communities by achieving:

Dramatic Growth,

by focusing on innovative solutions for our customers

Operational Excellence,

by pursuing continuous improvement in all our operations

Dual Citizenship,

by bringing together the talents of all Ingersoll Rand people to leverage the capabilities of our global enterprise

Our Commitment

We inspire progress by unleashing the potential of people and technologies. Our people, products, systems and services make everyday living healthier, safer, more energy efficient, productive and comfortable—enabling our customers to achieve real progress and create a positive impact in their world.



Our Businesses

Our strong foundation includes businesses with powerful brands, solid reputations and market-leading positions. These businesses are aligned within four global operations—Climate Solutions, Industrial Technologies, Residential Solutions and Security Technologies. Each one of these sectors comprises one or more of our leading brands.

Our Businesses *Continued*



Climate Solutions

Our Climate Solutions sector delivers energy-efficient HVACR solutions for customers globally. Its world class brands include Hussmann®; a manufacturer of refrigeration and food merchandising solutions, Thermo King®; the leader in transport temperature control and Trane®; provider of energy-efficient heating, ventilating and air conditioning systems, building and contracting services, parts support and advanced controls for commercial buildings.



Industrial Technologies

The Industrial Technologies business provides products, services and solutions that enhance our customers' energy efficiency, productivity and operations. Our diverse and innovative products include Ingersoll Rand® compressed-air systems, tools, pumps, and material and fluid handling systems. We also enhance productivity through solutions created by Club Car®, the global leader in golf and utility vehicles for businesses and individuals.



Residential Solutions

Our Residential Solutions business, with well-known brands like Schlage®, Trane® and American Standard® Heating & Air Conditioning, delivers safety, comfort and efficiency to homeowners throughout North America. Our quality products, services and solutions include mechanical and electronic locks, heating and air conditioning systems, indoor air quality solutions, advanced controls, portable security systems and remote home management.



Security Technologies

Ingersoll Rand Security Technologies is a global provider of products engineered to make buildings safe and secure. The sector's market-leading products include electronic and biometric access control systems, locks and locksets, door closers, exit devices, steel doors and frames, portable security devices, decorative hardware, cabinet hardware and time, attendance and personnel scheduling systems from well-known brands like Schlage®.

Our Well-Known Brands

Ingersoll Rand is a diversified industrial manufacturer with market-leading brands serving customers in global commercial, industrial and residential markets. Our roster of brands includes well-known names, such as those listed here, and dozens of highly regarded regional brands serving a variety of market segments.



- ▶ Industry-leading golf cars and utility, transportation and rough-terrain vehicles

HUSMANN®

- ▶ Refrigerated display merchandisers, refrigeration systems and controls, and installation and service



- ▶ Air compressors, compressed-air dryers and filters, and services
- ▶ Tools, air motors and material-handling equipment
- ▶ Microturbines and fuel-conditioning systems



- ▶ Residential and commercial mechanical locks; dead bolts; patented key systems; online, offline and wireless electronic locking systems; and remote home management; security management systems, including digital video surveillance, integrated photo ID badging, guest-pass systems and alarm monitoring

TR THERMO KING

- ▶ Transport temperature-control units for trucks, trailers, small trucks, railcars and seagoing containers
- ▶ Heating, ventilation and air-conditioning systems for buses and passenger railcars
- ▶ Electric and engine-based auxiliary idle reduction and temperature-management systems for sleeper compartments in tractor cabs




- ▶ The most extensive line of Heating, Ventilation, Air Conditioning and Refrigeration (HVACR) systems in the industry, from large chillers to packaged rooftop units, supported by a comprehensive portfolio of service agreement solutions—with a national chain of Trane HVACR parts and supplies centers
- ▶ User-tested and proven building automation controls for better HVAC system regulation and better building performance
- ▶ Leading provider of advanced heating, cooling and indoor comfort systems for residential environments with national distribution through an expert network of about 10,000 independent dealers
- ▶ Accredited Energy Services Company (ESCO)

Environmental Product and Service Innovation

Through our products and services, Ingersoll Rand helps companies become more efficient innovative and successful.

Ingersoll Rand offers products and services that enable businesses around the world to reduce energy consumption and costs and decrease harmful environmental emissions. In this brochure, we highlight some of the many innovative, environmentally friendly technologies and services that Ingersoll Rand has pioneered in recent years.

Product categories that carry the green leaf () contain one or more products that perform significantly better in at least one of the following areas when compared to the industry average for all products or solutions that perform the same job or function:

- *Energy Efficiency*
- *Greenhouse Gas Emissions*
- *Criteria Pollutants*
- *Recycled Content*
- *Carbon Footprint*
- *End of Life Disposal*

From microturbines that transform landfill methane gas into power to electric-powered golf cars with near zero emissions, Ingersoll Rand provides technologies and services that benefit environmental efforts across a range of global markets.

For more information on how Ingersoll Rand is helping businesses contribute to economic, social and environmental progress, please refer to our Sustainability Report on our web site, www.ingersollrand.com. Progress is greener with Ingersoll Rand.

*Our greatest contribution to fighting climate change is innovation—
creating new products and services to help our customers reduce
their energy use and greenhouse gas emissions.*

Michael W. Lamach
President and Chief Executive Officer

Climate Solutions

Section 1





Overview

Climate Solutions

Retail Solutions

Key Markets/Industries

Supermarkets

Warehouse Clubs

Convenience Stores

Drug Stores

Retail Food Stores

Food Service

General Merchandisers

Mass Merchants

- ▶ *Global leader in refrigeration products to the retail food industry*
- ▶ *Solid installation and service infrastructure*
- ▶ *Key strengths in display merchandising, food safety, shelf-life extension, sustainability and lowering retail operating costs*
- ▶ *Best team in the business to meet your refrigeration needs*
- ▶ *High-quality, energy-efficient products*
- ▶ *High-productivity equipment, lowest maintenance cost*

hussmann.com

Continued

Overview *Continued*

Transport Solutions

Key Markets/Industries

Refrigerated Transportation of Temperature-Sensitive Products

Mass Transit and Public Transportation Climate Control

Local and Long-Haul Temperature-Controlled Transport

Long-Haul Ground Transportation

Refrigerated Ocean Transportation

Idle Reduction Systems for Tractor Cabs

- ▶ *Providing climate control solutions for transportation industries worldwide*
- ▶ *The global leader in refrigerated transport since 1938*
- ▶ *Cutting-edge technologies for increased efficiency and reliable results*
- ▶ *Industry-leading product quality and reliability*
- ▶ *Innovative product designs and service solution packages*
- ▶ *Providing the ultimate in performance and flexibility*
- ▶ *Quality-engineered products backed by a worldwide team of factory-trained experts*

thermoking.com

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Overview *Continued*

Industrial Refrigeration

Key Markets/Industries

Distribution Centers and Storage

Food Processing

Blast Freezers

Process Cooling

Pharmaceutical

Design and Build Refrigeration

- ▶ *Single-source provider for all critical temperature projects*
- ▶ *Industry-leading refrigeration products and services*
- ▶ *Over 40 years of experience with commercial and industrial projects*
- ▶ *Extensive sales and service support*

industrialrefrigeration.ingersollrand.com

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Overview *Continued*

Cold Chain Management Services

Key Markets/Industries

Retail Food Stores

Food Service

Fresh Produce & Flower Storage

Food Processing

Perishable Transportation

Grower/Packers

- ▶ *Operationalizing cold chain knowledge and innovation for improved quality, reduced shrink, and reduced risk*
- ▶ *Providing business intelligence to perishable supply chain management participants for enhanced customer satisfaction and increased profitability*

Overview *Continued*

Commercial HVAC Systems and Services

Key Markets/Industries

Healthcare

Education

Commercial

Retail

Manufacturing

Data Centers

Pharmaceuticals

Biomedical Laboratories

Government

- ▶ *The most extensive line of HVAC systems in the industry, from large chillers to packaged rooftop units*
- ▶ *Trane Earthwise CenTraVac® high-efficiency, low-emission systems deliver sustainable performance for better indoor air quality, acoustics and occupant comfort*
- ▶ *User-tested and proven building automation controls mean better HVAC system regulation and better building performance*
- ▶ *A comprehensive portfolio of service agreement solutions control cost, reduce risk and maximize equipment life*
- ▶ *Trane LEED® accredited professionals help customers meet energy and environmental goals*
- ▶ *Trane HVACR parts and supplies centers for the right parts with the right advice*

[*trane.com*](http://trane.com)

Overview *Continued*

Energy Systems

Key Markets/Industries

Biomass Pyrolysis

Food Processing

Manufacturing Processes

Biomedical Laboratories

Pharmaceuticals

Universities

Large Residential

Landfills

Wastewater Treatment

Agricultural Biogas

Coal Bed and Coal Mine Methane

Oil and Gas Independents

Oil and Gas Processing

Offshore/Onshore Gas Recovery

- ▶ *Provider of efficient and environmentally friendly distributed-generation (DG) energy and environmental solutions for a broad range of applications*
- ▶ *250 kW microturbines for clean, reliable, onsite power and useful heat that is efficient, cost-effective, reliable and safe for the environment*

[*energy.ingersollrand.com*](http://energy.ingersollrand.com)

Continued

Retail Solutions



Display Merchandisers



- Wide range of refrigerated/non-refrigerated, remote, self-contained, custom or beverage cooler displays available
- Superior merchandising features to help food retailers increase sales
- Greater merchandiser flexibility, custom designs allowing for layout considerations
- Excellent energy efficiency
- Excellent temperature control/shelf life
- Exclusive food safety features



Refrigeration Systems



- New distributed secondary and CO₂ systems now available
- High-efficiency systems reduce overall energy costs
- Solid reliability helps reduce total cost of ownership
- Protocol refrigeration system protects the environment through reduction of HFCs and better energy efficiency



Port-a-Pak Refrigeration and Electrical Houses

- Outdoor machine room simplifies refrigeration, electrical and HVAC installation
- Cuts construction time and cost
- Saves floor space
- Simplifies remodels



Specialty Display Merchandisers

- Upscale case designs to help retailers increase sales in high-margin departments
- Beautiful styling with excellent merchandising effectiveness
- Highly reliable refrigeration performance in all refrigerated models
- Extremely wide range of merchandising options
- Custom design flexibility



Coils and Condensers



- Heat transfer and refrigeration products including evaporators and condensers
- High efficiency
- Easy to clean and maintain
- Model variations to precisely meet any need

Retail Solutions *Continued*



Service and Maintenance

- Refrigeration, HVAC, contracting and more
 - Experienced, well-trained technicians on 24/7 basis
 - Wireless dispatching to service technicians
 - Network of service locations
 - Preventive maintenance increases uptime
 - Helps keep equipment operating at peak efficiency
 - Reduces total cost of ownership
 - Professionally trained and staffed call center
 - Select and scheduled service agreements
-

Transport Solutions



Trailer, Truck and Rail Diesel-Powered Temperature Control Systems



- Whisper-quiet operation
- Lower fuel consumption for reduced operating costs
- Low-maintenance units save time and money
- Flexible system solutions provide single and multi-temperature capabilities allowing mixed load transportation
- Technologically advanced microprocessors self-monitor and self-troubleshoot to ensure unmatched temperature precision with fewer breakdowns
- Engines meet all EPA requirements for emissions



Cryogenic Temperature Control Systems for Trailers and Trucks



- Ideal for distribution services requiring rapid pull-down and temperature recovery
- Cryogenic powered cooling and heating unit; uses recycled LCO₂
- No emissions, no noise, and very few moving parts
- Truck diesel hybrid systems also available
- Low-maintenance units save time and money
- Powered by recycled fuel with no global warming effect



Vehicle-Powered Truck Refrigeration Systems



- Temperature control solutions for delivery trucks and vans
- Flexible systems to fit any application, from frozen to fresh
- Fast pull-down and accurate temperature control
- Environmentally friendly units with fewer emissions and lower fuel consumption
- Low cost of operation
- Start-stop on engine operation with electric standby option
- Compatible with hybrid vehicles



Containers and Gensets



- Industry's lowest energy consumption, highest capacity and fastest pulldown
- Only unit in the market that maintains a -35°C set point
- Available AFAM+ atmosphere management option provides for extended product shelf life
- Generator sets meet Tier II emissions requirements with reduced CO₂ emissions

Transport Solutions *Continued*



Bus and Rail HVAC

- Environmental control systems allow for total control of temperature, humidity, ventilation and circulation
- Low-profile design enhances vehicle appearance
- Lightweight, one-piece design allows easier installation and maintenance
- Control temperature year-round with heating and cooling systems unmatched in quality and performance
- Zero-emission, all-electric HVAC systems available



Hybrid and Electric Auxiliary Idle Reduction and Temperature Management Systems

- Eliminates truck engine idling, thereby reducing fuel consumption and saving money
- California Air Resources Board compliant diesel particulate filter further reduces emissions
- Hybrid model provides sleep cab heating, air conditioning, auxiliary power, battery charging and truck engine preheating
- Helps drivers comply with increasing number of anti-idle laws
- Environmental benefits include reduced emissions, less noise and less waste from oil and filter changes on tractor engines



Aftermarket Parts and Service

- 24/7 parts shipments and mobile service to maximize uptime and convenience
- A complete selection of parts, options and accessories for optimal performance
- Centralized billing and guaranteed maintenance plans to save time and money
- Fixed-rate maintenance and service terms simplify budget and cost control
- Environmental solutions to help meet CARB requirements as well as accessories that help reduce fuel usage and emissions

Industrial Refrigeration



Insulated Thermal Panels

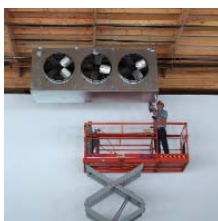
- High-quality expanded polystyrene (EPS) materials used to create internal or external temperature-controlled space
- Materials constructed based on project design specs
- Ensures product integrity for temperature-sensitive products



Refrigeration Systems



- High-efficiency systems reduce overall energy costs
- Products designed for specific needs from small condensing units to large capacity systems
- Freon and ammonia applications



Coils and Condensers

- Heat transfer and refrigeration products, including evaporators and condensers
- Industry-leading design and reliability
- Product selection from low velocity for walk-ins to high capacity evaporators for large food processing facilities



Evaporative Condensers

- Preferred heat of rejection method for large refrigeration systems combining superior water delivery and coil technology
- Patented spray nozzle technology providing clog-free operation



Integrity Audits

- Expertise in analysis and inspection of equipment performance and reliability
- State-of-the-art detection and monitoring equipment
- Knowledge of current Environmental, Safety and Health and Environmental Protection Agency standards and guidelines
- Refrigeration and air compressor rebuilds

Industrial Refrigeration *Continued*



Installation, Service and Maintenance

- Highly trained team of professionals
- 24/7 call center to monitor and dispatch emergency response
- Reduces operating costs by maintaining equipment at peak operating performance



Design Engineering/Consulting

- Trained to understand the full scope of project requirements
- Turnkey responsibility for project-specific engineering, refrigeration design, architectural engineering and permitting
- Project Management to ensure on-time schedules and deliveries to reduce unforeseen project costs



Facility Health Check (FHC)

- Comprehensive, predictive diagnostic service for your entire facility
- Extends the life of investment in refrigeration equipment and maximizes operating efficiency
- Focus areas: compressors and motors, mechanical integrity, air and surface sanitation, energy analysis

Cold Chain Management Services



Professional Services and Technology Integration

- World-class cold chain knowledge across a wide variety of perishables
- Consulting and education services for proper and effective perishable supply chain management
- Global experts link all critical components of the cold chain for successful management of perishables from inception to consumption



Environment Management System (EMS)

- Patented surface and air sanitation technology* that destroys various bacteria, fungi, and viruses in the air and on surfaces
- System components include: environmental testing/sampling, food safety consulting/education, equipment, design & installation, and after sale support/performance management
- Benefits vary across each step of the supply chain and include: reduced food safety risk, increased shelf life of fresh fruits and vegetables, reduced shrink, and continuous operation with no human intervention as a supplement to existing HACCP programs

* Licensed under protection of one or more US patents

Commercial HVAC Systems and Services



Chillers



- Extensive line of chillers, ranging from 20 to 3,950 ton capacity, utilizing centrifugal, rotary or scroll compressors
- Trane EarthWise™ CenTraVac® Chillers – since 1938, Trane has set the global standard for reliability, energy efficiency and sustainability with the lowest possible operating costs
- Trane Series R™ water-cooled chillers – a low speed/direct drive compressor features higher full-load energy efficiency and proven performance
- Trane air-cooled chillers – highly energy efficient and easy to install, with the application flexibility to meet a wide variety of system needs



Airside and Terminal Devices



- Full spectrum of air handlers, from a 1,500 cfm cataloged air handler to a 200,000 cfm custom air handling system
- Trane Performance Climate Changer™ – the most energy-efficient air handling unit in the HVACR industry
- Trane CDQ™ (Cool, Dry, Quiet) – desiccant dehumidification system, for critical humidity control and quiet air handling to support healing environments
- Energy-efficient, direct-drive plenum fans and fan arrays
- Trane Catalytic Air Cleaning System (TCACS) air cleaning solutions
- Airflow measuring options, including Trane Traq™ dampers and fan piezometers
- Terminal products – a full portfolio to suit all cooling, heating and air conditioning needs in single zone spaces



Unitary Systems



- Light to large commercial systems, ranging from 3 ton to 162 ton capacity
- Trane IntelliPak™ II – combines heating, cooling and fan sections into one easy-to-install package
- Trane Precedent™ – a 15 SEER packaged rooftop system that offers many energy saving and IAQ improvement options to ensure environmental payback

Commercial HVAC Systems and Services *Continued*



Controls



- Controls that integrate building systems enabling better decision making, providing easy integration and compatibility, and offering sustainable performance

- *AdaptiView™* – provides building engineers a virtual view into a chiller's inner workings

Added visibility helps keep building occupants cool and critical processes operational

- *Tracer™ Enterprise Solutions* – a web-based systems integration solution that gives facility managers an online, enterprise-wide view of all their buildings and systems, from any PC on the network

Fully customizable, easy to install and lets users perform daily operations such as online scheduling, alarm management, troubleshooting, status updates and data analysis

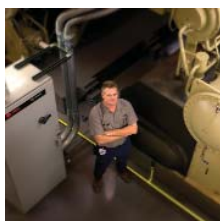
- *Wireless zone sensors* – ideal for building owners who want installation flexibility and comfort control

Flexible, easy-to-install, can be easily mounted anywhere in the building and readily relocated to meet the ever-changing space configurations of buildings

- *Critical hospital systems dashboard* – a computer-based tracking tool that allows hospital administrators and facility engineers to continuously view, monitor, track, trend and report environmental conditions in all critical areas from a single location

- *Controls capability to continuously view, monitor, track, trend, and compare conditions across multiple buildings to identify best-in-class efficiencies*

Commercial HVAC Systems and Services *Continued*



Building Services



- *Start-up Services* – ensure new product purchases are properly installed and operating at optimal performance
- *Warranty Services* – provide additional coverage on maintenance, parts and labor, above and beyond standard terms
- *Remote Services* – monitor 24/7/365 for critical alarms and events, while technical specialists perform remote diagnostic, mitigation and remediation using state of the art automated system performance analytic tools
- *Service Agreements* – available for new and existing equipment and controls to cover scheduled maintenance, select components and total system performance
- *National Service* – deliver comprehensive maintenance, repair and building performance monitoring for businesses with multiple locations across North America
- *R'newal™ Services* – restore the performance of HVAC equipment and controls to the same level of reliability as when new, including current technology enhancements
- *Energy Retrofit Services* – improve infrastructure systems on aging buildings through targeted retrofit improvements that reduce energy costs
- *Turn-Key Contracting* – a “start-to-finish,” all-encompassing approach to optimizing building infrastructure and equipment
- *Performance Contracting* – create “self-funded” solutions for building owners by installing highly efficient systems that significantly reduce energy and operating costs
- *Rental Services* – temporary cooling, heating and power for emergency or planned outage situations



HVAC Parts and Supplies

- *Trane Parts Stores* carry a wide range of repair and replacement items from a variety of manufacturers, including all Ingersoll Rand air conditioning and refrigeration brands
- *HVACR systems advice and expertise*
- *Nationwide coverage with a Trane Parts Store within 20 minutes of any major construction site*



High Performance Buildings



- *Trane systems and services enable High Performance Buildings that contribute to an organization’s mission and allow owners to manage the property as an asset*
- *Trane creates and manages long-term relationships with partners to make High Performance Buildings perform in a sustainable manner that is regularly measured against pre-set standards*
- *Trane High Performance Buildings consider and use current and emerging technologies and best practices such as renewable energy sources to achieve and hold standards*

Energy Systems



Ingersoll Rand Microturbines



- Advanced technology for generating high-quality, reliable and clean on-site energy, with or without the grid
- Integrated cogeneration capability to capture useful thermal energy for space heating or hot water requirements
- Clean, useful exhaust heat for integrating with existing thermal processes
- Extremely low emissions without post-combustion clean-up
- Option available for hazardous area locations
- Certified by the California Air Resource Board's emissions standards for distributed generation technologies
- Operates on natural gas or waste gases with wide range of energy content to generate economical electricity and useful thermal energy while offsetting greenhouse gas emissions
- Valuable resource for municipal landfills, wastewater treatment plants, biogas digesters, biomass pyrolysis plants, oil and gas recovery, refining and gas transmission



Microturbine Services

- Preventive Maintenance
- Total Care



Advanced Thermal Technologies



- High-temperature recuperators and heat exchangers
- State-of-the-art brazing capabilities
- Engineering services

Industrial Technologies

Section 2





Overview

Industrial Technologies

Compressed Air

Key Markets/Industries

Energy

Petrochemical

Textiles

Iron and Steel

Food and Beverage

Pulp and Paper

General Industry

Air Separation

Utilities

Electronics

Mining

Industrial Machinery

Automotive

Pharmaceutical

Chemicals

For over 100 years, Ingersoll Rand has inspired progress by driving innovation through revolutionary technology and talented people. It's a legacy of creating new standards for how the world gets work done. We're the technology leader in compressed air not only because we develop world-class products, but also because we stand behind our customers in all aspects of what we do. No matter what your product, process or location, Ingersoll Rand has the expertise, the technology and the unmatched service to meet your needs.

- ▶ *Solution and service provider of design, equipment, project management, maintenance and operations for compressed air systems*
- ▶ *Market leader in providing customers with air solutions tailored to their productivity needs*
- ▶ *Advanced technology, highest reliability, lowest maintenance, environmentally friendly and compliant, highest quality air, best energy efficiency*

ingersollrandproducts.com

Continued

Overview *Continued*

Tools, Fluid, and Material Handling

Key Markets/Industries

<i>Aerospace</i>	<i>Printing and Paper Production</i>
<i>Food and Beverage</i>	<i>Textile</i>
<i>Furniture and Fixtures</i>	<i>Computers</i>
<i>Pharmaceutical</i>	<i>Appliances</i>
<i>Warehousing</i>	<i>Special Machine</i>
<i>Wastewater Treatment</i>	<i>Woodworking</i>
<i>Chemical Processing</i>	<i>Transportation</i>
<i>Packaging</i>	<i>Vehicle Service</i>
<i>Medical Systems</i>	<i>Rental</i>
<i>Government</i>	<i>Utilities</i>
<i>Electronics</i>	<i>Motor Vehicle Manufacturing</i>
<i>Mining</i>	<i>Offshore/Onshore Oil and Gas Drilling</i>
<i>Shipbuilding and Repair</i>	

- ▶ *Global leader in providing air, electric, and cordless power tools, material handling equipment, and fluid handling products*
- ▶ *Services focused on reducing downtime and increasing return on investment by extending the life of equipment and improving productivity, while providing customers peace of mind through the support of our Service Network*
- ▶ *Solution services include installation, preventive maintenance, system monitoring, repair service and aftermarket parts/service*
- ▶ *Fluid Products provides the industry-leading ARO brand air operated diaphragm and piston pumps for a broad spectrum of fluid transfer applications; also offered are pneumatic valves, cylinders, motion control components, and filter regulator lubricators*
- ▶ *Material Handling Products provides a full spectrum of lifting solutions including manual hoists, air and electric hoists, workstation cranes, custom handling devices, balancers, and winches*
- ▶ *Tool Products provide a broad array of production fastening tools, vehicle service tools and industrial tools to provide productivity enhancing solutions in our target markets*

irtools.com

fluids.ingersollrand.com

Continued

Overview *Continued*

Club Car®

Key Markets/Industries

Education

Golf Courses

Hobby Farmers

Hunters

Resorts and Hotels

Farms/Ranches

Government/Municipalities

Homeowners with Acreage

Multi-Family Housing

- ▶ *Global leader of golf, utility and transportation vehicles*
- ▶ *Innovative technology including the Precedent golf car, IntelliTrak™ automatic 4-wheel drive, IntelliTach tool attachment system, the Excel™ drive system for programmable electric vehicles, and the Visage Mobile Golf Information System*
- ▶ *Unique aluminum vehicle construction guarantees higher return on investment, longer life and better efficiency*
- ▶ *Industry-leading Custom Solutions Department designs custom vehicles for specific applications*

clubcar.com

Compressed Air



Small Reciprocating Air Compressors

- Wide range of portable and stationary models to accommodate any light industrial application
 - Engine and electric models
 - High-pressure models available
 - Cleaner delivered air supply extends the life of the customer's pneumatic equipment
 - Cast iron construction and extended pump life beats competitors for durability and reliability, reducing operating costs
 - Design allows for easy access for simple, quick maintenance and repair
-



Small Rotary Air Compressors

- More air for your money – industry-leading performance delivers more air for less horsepower, and savings on energy year round
- Smart, energy-efficient controls – eliminates wasteful unloaded running by cycling the compressor on/off
- Compact footprint design – small footprint frees up valuable floor space and reduces install costs
- Installation close to point-of-use – whisper-quiet operation allows for installation closer to point-of-use, reducing costs and ensuring a better and safer work environment
- Dry and clean compressed air – the right air quality to do the job

All total air system packages come fully equipped with an integral, energy saving air treatment center including high-performance air dryer and filtration pack to remove water, oil and particles from the air stream.

All components are perfectly matched to deliver the right air quality to increase air powered tool and system equipment life.



Rotary Screw Air Compressors

- Oil-free or contact-cooled, enclosed rotary screw compressor options to meet varied customer demands
 - Time proven, airends provide trouble-free operation, minimal maintenance and consistently high performance
 - Leak-free designs and industry-tested rugged components give unparalleled reliability, reducing operational costs
 - Digital controls match system demand, reducing maintenance requirements
 - Patented sound-dampening enclosures allow installation near the job, reducing installation costs
-

Compressed Air *Continued*



Variable Speed Drive Rotary Screw Air Compressors



- Pay only for the air you use with the world's first true Variable Speed Drive (VSD) compressors, providing the maximum efficiency at virtually any load
- Oil-free or contact-cooled, enclosed rotary screw compressor options to meet varied customer demands
- Fewer moving parts and on-site component replacement capability, reducing costs associated with downtime
- Most air, most range and highest efficiency compared to any competing product
- Same field-proven technology as the other line of Ingersoll Rand rotary screw compressors



Centrifugal Oil-Free Air Compressors



- Leader in rugged, reliable oil-free technologies since 1912
- Every component of packaged design is mounted, piped and wired for convenient, single-point air, electric and water connection
- Delivering the highest quality air and reliability at the lowest possible operating cost
- Most advanced, flexible and reliable control system, with full remote communication capabilities



High Pressure Oil-Free Air Compressors

- Centrifugal and reciprocating models and options to meet varied customer demands
- Specifically designed for the requirements of the PET blow molding industry for food and beverage containers
- Stainless steel and composite materials used for extended life



Low Pressure Blowers

- Flows ranging from 20 to 20,000 CFM and pressures to 18 PSIG
- Positive displacement and centrifugal technologies offered
- Applications range from wastewater treatment to pneumatic conveying
- Provides the market with the most diverse technology portfolio in the industry

Compressed Air *Continued*



Rotary Screw OEM Solutions

- Oil-free and oil-injected airends and components for OEM packagers of industrial, portable and specialized air compressors
- High-pressure applications up to 500 psi
- Aftermarket and component solutions
- Discharge equipment for bulk tanker trucks



Air Treatment Solutions

- Solutions reduce maintenance and equipment costs and product damage due to oil, water or other contaminants in compressed air
- Desiccant, refrigerated and heat of compression dryers remove moisture from compressed air systems
- Filters remove contaminants from the compressed air line



Air System Assessment and Design



- Optimization of supply, distribution and demand side system performance to ensure the most efficient use of your capital investment
- Addresses the largest part of the air system cost operation, typically saving an estimated 25%-50% in energy costs
- Full system assessments optimize return on your capital



Air System Controls and Automation



- Solutions that coordinate and monitor the operation of multiple air compressors and compressed air equipment to provide increased efficiency and lower energy use
- Advanced control algorithms that ensure the most efficient set or combination of compressors are operating to best match process demand, regardless of compressor technology, size or local control
- Connectivity and control solutions for most all compressor technology regardless of manufacturer or year of manufacture



Air Piping Systems



- High performance modular piping for compressed air systems that is easy to install, extend or modify
- Design ensures no leakage at any stage in the air system's life, reducing energy costs

Compressed Air *Continued*



Compressed Air System Services

- Worldwide network of certified, factory trained technicians and engineers provide innovative and cost effective solutions to keep you running at peak performance
- Committed to serving you 24 hours a day, 7 days a week no matter where your facility is located



PackageCare™

- Control costs and keep your equipment running at peak efficiency
- Protect yourself from all repair and replacement expenses over the life of the agreement
- Maintain or improve the operational efficiency of any compressor, regardless of age, make or model
- Ensure long-term value and total satisfaction from your system

Tools, Fluid, and Material Handling



Vehicle Service Tools and Systems

- Complete line of impacttools™, ratchets, drills/drivers, and surface preparation tools
 - Air compressors and lubrication equipment, plus installation and service programs for shop owners/managers
 - Complete offering of professional-grade cordless tools and kits, including impact wrenches (assorted sizes/torque ranges), drills/drivers, ratchets, grinders and more
 - IQV[®] Cordless battery technology significantly prolongs battery life while reducing replacement and disposal costs
-



Assembly Tools

- Air and electric screwdrivers, nutrunners, drills and accessories
 - Delivering the best torque accuracy in the industry, with award-winning ergonomic design
 - Full range of torque verification and asset management systems
-



Industrial Tools

- Wide range of assembly, surface finishing, impact and percussion tools for production and maintenance applications
 - Ergonomically designed for increased productivity and safety
 - Most advanced tools of their type in the world for size, weight and power output
-



Precision Fastening

- Precision air and electric assembly equipment and fastening control systems
 - Superior user-oriented ergonomics and process control
 - Custom configurations and engineering to meet unique needs
-



Engine Starting

- Leading provider of air starting systems for oil and gas, marine, power generation, and transportation
 - Flexible and efficient alternative to electric starters
-

Tools, Fluid, and Material Handling *Continued*



ARO Diaphragm Pumps



- Process-grade EXP Series diaphragm pumps offer best-in-class energy efficiency and reliability based on patented technology. The full line includes 1 inch to 3 inch port sizes in a variety of metallic and non-metallic configurations
- Industrial-grade Pro-Series pumps provide exceptional value in port sizes from one inch to 3 inch for flow rates to 240 gallons per minute
- Compact Series pumps with 1/4-inch to 3/4-inch port sizes provide proven solutions for OEM and other applications
- Special designs include drum packages, flap valve pumps, powder transfer pumps, high pressure pumps, sanitary transfer pumps, natural gas operated pumps, dewatering pumps, and fuel pumps



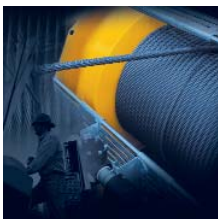
ARO Piston Pumps

- Air operated pumps and packages for transferring, extruding, spraying, and applying a wide range of fluid and semi-fluid materials
- Two-ball, four-ball, and chop-check designs provide options for many applications
- Genuine ARO accessories and replacement parts ensure reliable performance and equipment life



Ergonomic Handling

- Leading provider of workstation cranes, balancers, and handling devices
- Application consultation for custom solutions
- Designed to optimize productivity by providing safe, fast, and accurate lifting



Winch and Hoist

- Broadest range of air and electric winches in the world
- Recognized for innovative, engineered solutions for specific customer applications in the harshest of conditions
- Manual, air and electric hoists have a long, industry-proven reputation for durability, reliability and enhanced safety
- Compliant with the toughest industry standards

Tools, Fluid, and Material Handling *Continued*



ARO Pneumatic Components and Filter Regulator Lubricators

- ARO Cylinders are available in composite, round line repairable and disposable, and NFPA square interchangeable configurations
 - A wide array of valves enables the precise management of pneumatic circuits in OEM and system applications
 - An extensive line of air line filters, regulators, and lubricators (FRLs) including individual units, piggybacks, and combos, meet air preparation requirements and deliver peak performance
-



Services

- Comprehensive array of genuine parts, accessories and professional service
 - Worldwide service/repair locations
 - Startup and installation support
 - Field service and repair
 - Bench repair
 - Product and user training
 - Remanufacturing
 - Calibration, certification, and testing services
 - Product rentals
-

Club Car



Commercial and Industrial Utility Vehicles

- Industry exclusive aluminum frame is rustproof, corrosion resistant and up to three times stronger than competitors' steel frames
- Longest warranty in the industry minimizes your cost of ownership
- Adaptable for accessories, making almost any job possible



Custom Solutions

- Vehicle solutions limited only by the imagination of your customers
- Industry's only design and manufacturing center dedicated to building application-specific vehicles and accessories, backed by a full factory warranty
- From ambulance units and security vehicles to van boxes and customized work vehicles — if you imagine it, Club Car can build it



Food and Beverage Vehicles

- Take highly profitable items directly to the customer by adding wheels to your food and beverage operations
- Easy to maintain and economical to operate
- Superior reliability combined with improved storage and merchandise displays mean maximum return on your investment



Golf Cars

- Club Car Precedent models represent the ultimate in dependable performance, advanced engineering and refinement on the golf course.
- The exclusive Excel™ Drive System offers customized programming, enhanced efficiencies and greater vehicle control.
- The innovative Visage™ Mobile Golf Information System provides touch screen amenities for golfers as well as fleet management capabilities for the golf course.
- DS and Precedent models feature an all-aluminum, rust-proof chassis for durability

Club Car *Continued*



Private Golf and Community Vehicles

- Stylish, comfortable vehicles designed for golf and community use
- Available in a variety of models and packages offering the ultimate in comfort, style and affordability
- Available features include enclosures, light packages and lockable compartments for added comfort and luxury



Rough Terrain Utility Vehicles

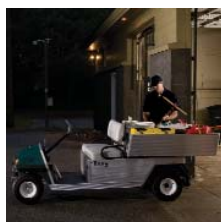
- Models available in 2-wheel drive, 4-wheel drive; 2-passenger and 4-passenger configurations; and choices of gasoline, electric and diesel power trains
- Built for extreme expectations
- The exclusive IntelliTrak™ drive system makes Club Car the easiest-to-use 4x4 you can buy, featuring automatic 4-wheel drive, automatic high/low gearing, and automatic front and rear differential lock
- The exclusive IntelliTach quick-change, fully hydraulic tool attachment system allows for quick and effortless attaching and detaching of a variety of tools, including: bucket, blade, push broom, pallet fork and mower



Transportation Vehicles



- Available in efficient gas or electric models for flexibility
- Suspension design ensures a smooth quiet ride, maximizing customer satisfaction
- Models available for seating 4-8 people with and without cargo



Turf Utility Vehicles



- Industry exclusive aluminum frame is rustproof, corrosion resistant and up to three times stronger than competitors' steel frames
- Available in efficient gas or electric models for flexibility
- Most maneuverable vehicle in the industry helps prevent costly turf damage
- IQ Plus System delivers best-in-class performance and simplified vehicle management to provide the most advanced electric utility vehicle solution on the market today

Residential Solutions

Section 3





Overview

Residential Solutions

HVAC Systems

Key Markets/Industries

Homeowners

Residential Home builders

Multi-Family

Independent Dealers

Light Commercial Buildings

Retail

- ▶ A leading provider of premium heating, cooling and indoor comfort systems for residential and light commercial environments in North America
- ▶ Marketed under two premium brands—Trane® and American Standard® Heating & Air Conditioning
- ▶ Full line of high-quality, energy-efficient air conditioners, heat pumps, furnaces, air handlers, thermostats, parts and service
- ▶ Distributed through an expert network of about 10,000 leading independent dealers, who assess specific needs, recommend solutions and install systems to optimize homeowners' lifestyle and comfort needs
- ▶ Demonstrated indoor air quality leadership—the breakthrough CleanEffects™ and AccuClean™ are the industry's most effective whole house air filtration systems, removing more allergens, pollutants and viruses from filtered air than any other system
- ▶ Innovative and award-winning broad product line, fitting needs of single-family and multi-family market

trane.com

americanstandardair.com

Continued

Consult your sales agent for local availability of specific products

Overview *Continued*

Residential Security

Key Markets/Industries

Homeowners

Residential Home Builders

Multi-Family Housing

Big-Box Retailers

- ▶ *Creating and sustaining safe, secure and efficient home environments for residential buildings*
- ▶ *Schlage has built a legacy of providing the highest level of security to homes and businesses*
- ▶ *Install a Schlage, and you install nearly a century of total dedication to security, quality and innovation*
- ▶ *Key trade and consumer publications consistently acknowledge Schlage's reputation as a leader in home security design and innovation*
- ▶ *While mechanical door locks are still the mainstay at home, Schlage today offers a wide selection of mechanical and electronic security products and accessories designed to mesh with modern lifestyles*
- ▶ *Through innovation, Schlage has introduced cutting-edge technology with the Schlage LiNK system, where you can control access to your home via your cell phone or computer*

schlage.com

Continued

Overview *Continued*

Connected Home Solutions

Key Markets/Industries

Homeowners

Residential Home Builders

Big-Box Retailers

Consumer Electronic Retailers

Integrators

Cable Companies

Telco Companies

Security Companies

- ▶ *Developing a market focused on value and convenience for the homeowner*
- ▶ *Constructing a new world of communication and control as well as recurring revenue streams*
- ▶ *Creating scalable security with easy installation*
- ▶ *Affordable home management with top brand names like Schlage and Trane*
- ▶ *A scalable solution allowing homeowners to add on and customize as their needs change*
- ▶ *Providing tools to monitor and reduce energy consumption*
- ▶ *Offering homeowners tools for convenience, control and peace of mind*

[*link.schlage.com*](http://link.schlage.com)

HVAC Systems



Air Cleaners



- Trane and American Standard air cleaners breakthrough whole house air filtration system is 100 times more effective than a standard 1 inch filter, delivering cleaner air and more of it with performance verified by professors from the Harvard School of Public Health
- Removes up to 99.98% of airborne allergens



Air Conditioners

- Trane and American Standard air conditioners range in efficiency from 13 to 20.00 SEER and are designed to meet rigid specifications, tested to assure excellent performance over the life of the system, and designed with state-of-the-art technology and innovation
- Highest efficiency units feature self-charging technology to assure maximum performance and reliability



Air Exchangers

- Trane and American Standard Energy Recovery Ventilators replace stale indoor air with fresh outdoor air for a healthier home environment
- Retain heat and moisture from exchanged air in winter, and pre-condition and dehumidify incoming air in the summer for enhanced comfort and year-round efficiency



Air Handlers

- Trane and American Standard air handlers represent the ultimate in comfort, while quietly distributing air evenly in every room. Also provides for further fine tuning with humidity control in the cooling season
- ComfortLink™ II and AccuLink™ communicating technology on select models connects all key components so the system automatically charges, configures and calibrates for optimal long term performance, efficiency, comfort and reliability

HVAC Systems *Continued*



Furnaces

- Trane and American Standard furnaces are available in highly efficient gas and oil models, including one of the most efficient furnaces enabling up to 96.7% AFUE
- Fully modulating furnaces, Trane XC95m and American Standard Freedom™ 95 Modulating, deliver up to 95% AFUE, with ComfortLink™ II and AccuLink™ communicating technology connecting all of the key system components for enhanced performance, efficiency, comfort and reliability



Heat Pumps

- Trane and American Standard heat pumps are designed to deliver reliable, energy efficient heating and cooling for all-season comfort with up to 19.00 SEER and 9.0 HSPF
- ComfortLink™ II and AccuLink™ communicating technology on select models connects all of the key components so the system automatically charges, configures and calibrates for optimal performance, efficiency, comfort and reliability



Humidifiers

- Trane and American Standard humidifiers help alleviate dry conditions which may aggravate asthma and allergy symptoms while enhancing your comfort by adding just the right amount of moisture into the conditioned indoor air



Packaged Heating & Cooling Systems

- Trane and American Standard packaged products deliver superior design leading to measurable energy efficiency, and are considerably quieter than other packaged products on the market.
- Gas/electric and heat pump models offer some of the highest efficiencies on the market today
- The variable-speed blower motor operates more quietly and efficiently than conventional blowers



Thermostats/Controls

- Trane and American Standard 7- day programmable and non-programmable digital controls offer precise temperature control, ease of use, flexibility, energy savings, and an attractive streamlined design
- ComfortLink™ II and AccuLink™ communicating technology enables an optional Telephone Access Module accessory to adjust temperature settings and receive system updates and alerts by remote telephone

Residential Security



Mechanical Security

- Residential locks and door hardware
- Industry-leading brand at retail
- Most preferred and used brand with residential builders and remodelers
- High quality, easy installation



Keypad Locks and Deadbolts

- Convenient keyless access; no keys to hide, lose or forget
- No programming required; preset with two unique user codes
- Allows you to add, change or delete user codes in seconds
- Premium 9-volt battery included; low-battery indicator alerts you to change the battery
- Fits most standard door preparations; no additional mounting holes required
- Can be installed with just a screwdriver in less than 30 minutes
- Illuminated, wear-resistant keypad provides easy visibility even at night
- Two keys included for use as needed



Programmable Electronic Deadbolts

- Features time and date controlled access
- User-friendly Security Management System Express software from Schlage
- Vandal-resistant, free-spinning deadbolt turn
- Audit trail reports up to 1,000 events
- Supports up to 1,000 users
- Eight time zone capability
- Uses ibutton credential



Dexter

- The best grade 3 security you can buy
- Best warranty in grade 3 class
- Can be keyed to Schlage lock products
- Long-lasting durability
- Rugged construction

Residential Security *Continued*



Kryptonite Security Products

- *An industry leader in portable security*
 - *Lifetime warranty*
 - *Full line of security chains, locking cables and security hasps*
 - *Padlocks that can be keyed to Schlage door locks for "one key" convenience*
 - *Tested in the toughest of environments to ensure the best security for your investment*
-

Connected Home Solutions



Remote Home Management – Schlage LiNK



- Security management, energy management, video verification and home automation, from a single source through Z-Wave technology
 - 24/7 home access through the Schlage LiNK online and mobile interfaces
 - Ability to check lock status and home access authorization
 - Change, add or delete codes to the door remotely
 - Text message or email updates are available to always alert you to who is home
 - Remotely control the home's temperature settings with the Trane Remote Energy Management Thermostat via Schlage
 - LiNK to suite schedule and reduce energy consumption while away
 - Easily schedule the Trane Remote Energy Management Thermostat via Schlage LiNK and enable the vacation mode while away for extra savings
 - Schedule scenes so that the lights greet you when your key code is entered
 - Schlage network camera allows remote monitoring of home from anywhere
 - Set scenes and schedules to turn Z-Wave enabled lights on and off
 - View a 90-day event log to view all activity within the system
 - Add additional Z-Wave devices to the system as your needs change
-

Security Technologies

Section 4



Overview

Security Technologies

Commercial Security Systems

Key Markets/Industries

Education

Healthcare

Government/Military

Hospitality

Office

Grocery

Stadiums and Arenas

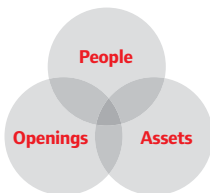
Commercial, Retail, Manufacturing

Airports

Amusement Parks

Multi-Family Housing

- ▶ *Creating and sustaining safe, secure and productive environments for our customers*
- ▶ *Access and egress for residential and commercial buildings*
- ▶ *Integrated solutions for people and asset protection*
- ▶ *Improving user productivity through credential management – time and attendance, personnel scheduling and visitor management*



securitytechnologies.ingersollrand.com
schlage.com

Commercial Security Systems



Mechanical Security

- Commercial and residential locks and door hardware
- Industry-leading brand at retail
- Most preferred and used brand with residential builders and remodelers
- High quality, easy installation



Key Systems Management

- Patented key systems - cannot be copied without authorization
- Everest Primus™ provides the ability to tailor levels of security to meet exact needs and budgets of end users
- Proprietary system Sitemaster™ program optimizes flexibility and affordability of key control
- Interchangeable cylinder cores reduce replacement cost and extend security through controlled key distribution
- Key System Consultants help with formulating security strategy, policy and productivity



Keypad Locks and Deadbolts

- Convenient keyless access; no keys to hide, lose or forget
- No programming required; preset with two unique user codes
- Allows you to add, change or delete user codes in seconds
- Premium 9-volt battery included; low battery indicator alerts you to change the battery
- Fits most standard door preparations; no additional mounting holes required
- Can be installed with just a screwdriver in less than 30 minutes
- Illuminated, wear-resistant keypad provides easy visibility even at night
- Two keys included for use as needed



System Components

- Full range of open architecture systems components and services to help design the optimum electronic opening
- Electromagnetic locks, electric strikes, power supplies, access, egress and monitoring components, electrified exit devices, auto operators, keypads and credential readers

Commercial Security Systems *Continued*



Programmable Electronic Locking Solutions

- Provides the benefits of an online access control system without the cost and complexity.
- A cost-effective solution where frequent re-keying, time controlled entry or audit trail tracking is required for additional security
- Convenient credential management at the door



Wireless Solutions

- Wireless Access Control enables real-time access control without the installation cost and disruption of a typical online door system.
- Open architecture design allows interoperability with most existing access control systems



Biometric Technologies

- Hand geometry and fingerprint readers
- Solutions for access control or time and attendance applications
- Biometric technology eliminates the need for card-based systems
- Efficient and easy to use for employers and staff



Access Control Systems

- Simple, yet robust web-based access control
- Facility management from anywhere
- Intelligent, cost-effective and easy to use



Security Management System

- Four levels of software allow for easy migration from simple offline needs through integrated enterprise solutions
- Designed for easy integration with other Schlage access control devices
- Includes digital video surveillance, photo ID badging and visitor management

Commercial Security Systems *Continued*



Briton Door Hardware

- European-designed specification hardware including door closers, exit hardware, locks, cylinders and trim
- Proven performance, reliability and safety on which specifiers rely
- Conforms to European standards including CE marking



Bricard

- French market leader in locks, security and access control
- More than two centuries of experience as a locksmith
- Barrels and locks for all types of door, panic bars, safes, door closers, latches, artistic locks and access control systems
- More than 7,000 references, the widest range of solutions in protecting your property, meeting the most stringent standards [NF (French standards) - A2P - CE]
- Security systems for the home, industry and the tertiary sector



CISA

- European leader, as well as one of the chief operators worldwide, in the manufacture of systems for the closing and protection of access points
- Cylinders, locks for every type of door, panic exit devices, safes, door closers, padlocks, electronic locks and access control systems
- Offering a total of more than 30,000 articles, all of them certified according to European standards
- Proven experience in the sector of electronic locking systems for applications in community settings
- Technological applications involving cards with microprocessors, or smart cards



Falcon

- Commercial locks with a sleek design engineered for value, functionality and proper aesthetics
- Offers a broad choice of configurations to meet the most demanding applications.
- Complete line of commercial door closers and reliable panic and exit door hardware
- Tradition of value, dependency and fast delivery

Commercial Security Systems *Continued*



Glynn-Johnson Door Controls

- Providing quality overhead door holders and stops, and push / pull latches for over 75 years
- Consistent quality and performance, meeting the needs of the most demanding application
- Low profile, unique designs maintaining design aesthetics, ensuring optimum safety



Interflex Time & Attendance and Personnel Scheduling Systems

- Single solution integrating time and attendance, personnel scheduling, production data, access control, alarm systems, muster reporting and more
- Eliminates "buddy-punching"
- Eliminates costly manual time-logging processes
- Integrates with an open network environment
- Turnkey services from design through to installation, training and maintenance optimize investment
- Modular design helps the system grow as your business grows



ITO Kilit

- Cylinders, locks, padlocks, door closers, panic exit devices
- Long-lasting durability
- Proven reliability, experience, safety, established in 1954
- Large sales and service organization in Turkey
- Master keyed solutions to customer's specific demands



Ives Commercial and Residential Accessory Hardware

- Providing a full line of quality decorative and security hardware including stops, flush bolts, coordinators, wall and floor stops, door knockers, house numbers, mail slots, hinges, kick plates and other accessories
- Delivering quality first, service always, for more than 120 years
- Undisputed leader in job site delivery

Commercial Security Systems *Continued*



LCN Door Closers

- Providing quality door closers since 1926
- The ultimate in reliability
- Warranties guarantee long life and low cost of ownership
- Products include power operators and closers for the physically challenged to comply with ADA



Legge Door Hardware

- Range of U.K. residential security products and accessories
- Conforms to British and European Standards
- Suitable for a wide range of applications



Martin Roberts High Performance Doorsets

- Complete range of steel doorsets for commercial use
- Doorsets can be custom made to suit individual requirements, finished in a wide range of colors
- Specialists in fire, acoustic and cleanroom applications



Normbau Fixtures and Hardware

- Wide range of door hardware, letter boxes, balustrading and railing systems, together with bathroom fittings and accessories for the disabled and elderly
- Products are manufactured in nylon and stainless steel
- Unique combination of design and function to suit almost any building style
- Materials to resist corrosion and provide antibacterial protection, keeping hardware maintenance free



Randi Door and Bathroom Hardware

- Handles and bathroom fittings designed by Scandinavian architects for prestige commercial and residential constructions
- 125 years of experience
- Designed by architects for architects

Commercial Security Systems *Continued*



Steelcraft Doors

- Providing quality steel doors and frames since 1942
- Widest selection available
- Fire, hurricane, tornado and positive pressure-rated doors
- Gaintech stainable steel doors available to provide beauty of wood and durability of steel



Von Duprin Exit Devices

- Industry leader in exit devices
- Invented first exit device in 1908
- Unequaled durability
- Exit devices are documented to require significantly less maintenance over a 30-year period



LEED® Rated Products



- Many Schlage, LCN, Von Duprin, Steelcraft and Ives products are manufactured with recycled materials
- These products, if specified in building design and construction, can contribute to Leadership in Energy and Environmental Design (LEED) credits

Ask your sales representative about Ingersoll Rand products that qualify for LEED credits

Commercial Security Systems *Continued*

Service & Solutions

Ingersoll Rand provides global business solutions that help our customers maximize efficiency. We dynamically link project planning, state-of-the-art technology and world-class professional services with our ability to listen, identify customer challenges and create individualized solutions.



Site Surveys & Assessments Specific to Market Need

- Safe Schools programs for K-12 and universities
- HAS – Highest Access Security program for airports
- Scalable ADA solutions to meet security and compliance needs



Specworks™ Project Management Software

- Significant productivity tool for specification writers and distribution partners
- Reduces errors and helps ensure code compliance
- Unique to Ingersoll Rand and its partners in the industry
- Ensures that an opening is configured with optimal component compatibility



Project Planning Services

- Complete design/build projects
- In-depth security analysis
- Specification creation
- Risk-management consulting



Integrated Systems

- Over 40 branches throughout North America offer the flexibility of a local provider, backed by the resources of a global corporation
- Dedicated to providing customers with best-in-class system design, engineering, installation and service of integrated security systems that are tailored to their needs

Digitally printed on paper manufactured with 20% post-consumer,
recycled content and Forest Stewardship Council certified.



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