

ONE RHEEM

# C<sup>o</sup>MMERCIAL

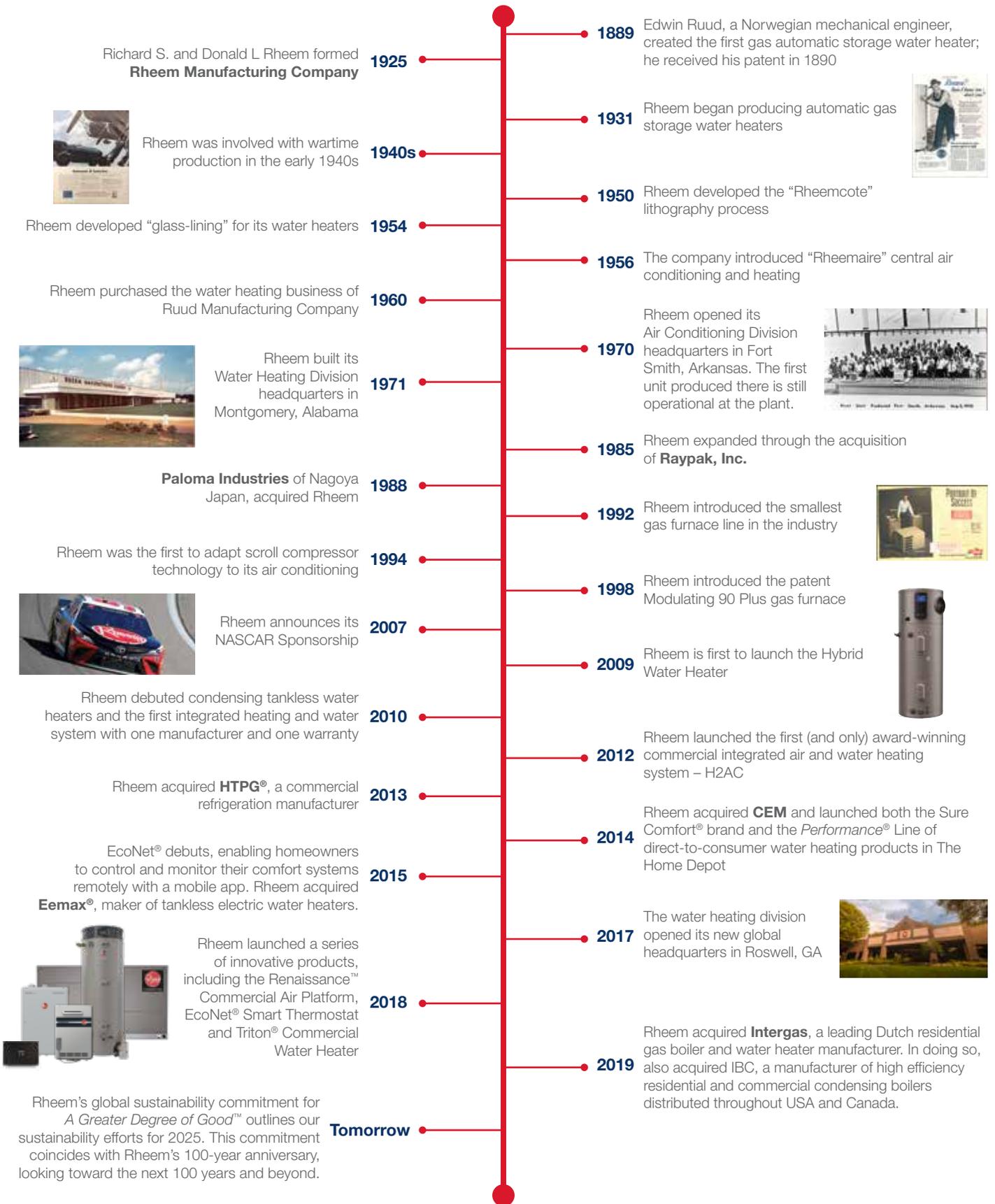
SOLUTIONS



Temperature management is our business.  
And your success is our primary objective.



# Rheem® – A History of Comfort



# Your One Source for Commercial Product Solutions

**At Rheem, our goal has always been to make lives safer, more comfortable and more productive by delivering quality, value and reliability to businesses across the globe.**

Brothers Richard and Donald Rheem founded Rheem Manufacturing Company in Emeryville, CA, in 1925. While the company has produced a number of products in its nearly 100 years of operation, Rheem is currently the only manufacturer in the world that produces heating, cooling, water heating, pool & spa heating and commercial refrigeration products, and it is the largest manufacturer of water heating products in North America.

## **We Care About What You Care About**

We know your goal is to provide products that will manage energy consumption, especially given that heating, cooling, water heating and refrigeration contribute to 35–77% of energy consumption in the industries you focus on. We offer products that not only deliver efficiencies, they also help with no downtime.

## **Why Choose Rheem And Our Family Of Brands?**

In a word, expertise. Rheem employs experts in the commercial markets we serve. These are people who've spent a lifetime getting to know the industry, and they've joined us to serve your industries. From ensuring guests in a resort hotel enjoy a comfortable stay to ensuring a busy restaurant has the unlimited supply of hot water it needs, we have the right solution.

## **You Receive Boundless Support**

Rheem prides itself on developing the kinds of tools, programs and services that support our partners and make their jobs easier. From a dedicated network of distributors, spec engineers, master plumbers and more, Rheem offers you support at every turn, with:

- Commercial Financing
- Application Engineers, Commercial Contractors and Dedicated Plumbing Support
- Extended Warranties and Service Plans
- Tools and Calculators, Including RapidSpec™
- ProStock Nationwide Parts Stores
- Marketing Support

## **Quality Leads To Reliability**

Rheem focuses on developing and manufacturing quality products as a means to achieve the reliability businesses need. After all, downtime can result in significant losses. Your business demands—and deserves—products that deliver day after day.

**When quality matters, spec Rheem.**

## **Contact Us Today!**

Phone: **844.606.0082**

Email: **[CommercialSolutions@Rheem.com](mailto:CommercialSolutions@Rheem.com)**



# Heating & Cooling: Package, Light Residential Package, Split



Whether you're looking to keep employees productive and comfortable or maintain an optimal temperature for heat-sensitive material, Rheem® commercial heating and cooling products get the job done—maximizing savings and uptime for your business. Rheem offers a wide variety of high-efficiency HVAC products to power your business, and we have the specification tools and documentation to keep your engineers moving.

## Commercial heating & cooling product offering



Platform	Product	Capacity Range	Models
Residential / Light Commercial Package	GE AC HP	2-5 Ton 2-5 Ton 2-4 Ton	RGEA, RACA, RQPL
Commercial Package	GE AC HP	3-6 Ton 3-6 Ton 3-6 Ton	RKPN, RKQN, RGEN RLPN, RLQN, RACC RJPL, RHPC
	GE AC HP	7.5-12.5 Ton 7.5-12.5 Ton 7.5-10 Ton	RGED, RACD, RHPD
	GE AC	15-25 Ton 15-25 Ton	RKNL, RKRL RLNL, RLRL
Commercial Split	AC HP	6-20 Ton 7.5-10 Ton	RAWL, RAEL, RPCL

## Engineered for all commercial applications



SCHOOLS



RETAIL



HEALTH CLUBS



RESTAURANTS



OFFICES



HOTELS

## Integrated air & water solutions

The award-winning Rheem H<sub>2</sub>AC® Featuring eSync™ Integration Technology, the first and only commercial system of its kind, brings a new level of savings and efficiency by using the heat your restaurant generates to heat the water you need for operations, allowing your business to experience:

- Lowest cooling and heating operational costs available
- 50% savings on annual water heating costs
- 20% savings on annual electrical costs
- Less than a 2-year payback\*

## A complete package for commercial environments

- Customizable product options
- Faster lead time
- Utility rebate eligibility
- Commercial *KwikComfort*® Financing
- Protection Plus® extended parts & labor warranties
- Vast distribution network
- BAS/EMS compatible
- Expedited delivery & install
- Dedicated technical support



# Why Rheem® Renaissance?

## renaissance™

Redesigned for today's demanding commercial applications, the Renaissance™ Line is packed with smart thinking—like high-quality critical components, lean manufacturing processes and robust design features—including the strengthened, solid, single-piece top; durable panels; and Scroll™ compressor technology. It's innovative Rheem® engineering that delivers easy replacement, installability and smart serviceability, plus industry-leading efficiencies for uptime dependability in a wide range of rooftop environments.



The 3-6 Ton Rheem® Renaissance™ Line is the **first in the industry to offer a single-phase reheat solution**, PlusOne® HumidiDry™, for commercial applications.



PlusOne®  
Diagnostics



PlusOne®  
ServiceSmart



PlusOne®  
SmartShield™



PlusOne®  
VelociFin™



PlusOne®  
HumidiDry™

## Genius technologies\*\*

### PLUSONE® DIAGNOSTICS

- Renaissance CoreCommand™ control
- Commercial series ClearControl™
- External lockable gauge ports

### PLUSONE® SMARTSHIELD™ COIL SYSTEM

- ElectroFin® E-Coat process technology
- Full MicroChannel Coil – industry's first indoor and outdoor full microchannel for commercial package heat pumps
- Heat Pump Defrost – patent pending

### PLUSONE® VELOCIFIN™ HEAT EXCHANGER

A patent-pending, complete redesign of the heat exchanger tubing meets customer and agency requirements, and increases heat transfer through an innovative velocity concept—improving overall product efficiency.

### PLUSONE® HUMIDIDRY™

A first in the dehumidification market, Renaissance incorporates a VFD that operates at a lower speed on first-stage cooling, which saves energy, enhances performance and increases comfort.

### PLUSONE® SERVICESMART

- Qwik-Change Flex Fit Rack
- Qwik-Slide blower assembly
- Qwik-Clean drain pan

### VARIABLE FREQUENCY DRIVE (VFD)

- Reduced ventilation costs
- Enhanced efficiency
- Increased comfort

### PROVEN FASTER & EASIER SERVICEABILITY

When performing industry-standard service & preventative maintenance, **the Renaissance Commercial Line reduces the service time by up to 100 minutes over other commercial HVAC brands\*\*\***, leading to overall lower service costs for businesses.

\*Payback varies based on region, climate usage and utility rates.

\*\*See product specification sheet for listing of applicable included and optional technologies.

\*\*\*Per an MIAT Commercial HVAC Competitive Time Study, conducted June 4–6, 2019.

# Refrigeration: Unit Coolers, Condensing Units, Compressor Racks and more



Heat Transfer Products Group's family of brands have been industry leaders in commercial refrigeration for over 70 years. From food preparation and service to supermarket to pharmaceutical and industrial processes, we provide award-winning, innovative and energy-efficient refrigeration equipment and solutions sold under our recognized premium brands: Russell, Witt, Kramer and ColdZone.

Our product specialists and engineers have decades of experience designing and manufacturing the right refrigeration solution for our customers' unique needs. It's our goal to exceed the high standards of our customers and partner with them to help their businesses succeed and grow.

## HTPG brands serve

### FOOD SERVICE

- Restaurants
- Convenience Stores
- Cafeterias

### SUPERMARKETS

### COLD STORAGE

- Warehousing
- Distribution
- Food Processing

### CUSTOM REFRIGERATION

- Data Centers
- Pharmaceuticals



## HTPG REFRIGERATION PRODUCTS

### Reach-In Unit Coolers

### Walk-In Unit Coolers

- Low Profile
- Center Mount
- Medium Profile
- Large Profile

### Condensing Units

- ½ - 100 Horsepower

### Small HP Multi-Compressor Racks

### Air-Cooled Condensers

### Fluid Coolers

### Air Handlers



# HTPG Innovative Products

## EcoNet® Enabled Unit Coolers

### Efficient and intelligent control for walk-in coolers and freezers

Developed in conjunction with Rheem specifically for commercial refrigeration applications, the EcoNet® technology saves energy in refrigeration systems through precise superheat and space temperature control, fan cycling and controlling how often the system goes into defrost.

The optional EcoNet Command Center provides remote local control over EcoNet Enabled Unit Coolers. The remote mount display allows for the unit coolers to be programmed, monitored and troubleshot outside of the space being cooled. One display is able to control up to 32 devices including the Command Center.



#### FEATURES

- Saves energy by reducing fan speed to 50% during off cycle
- Eliminates icing issues and unnecessary defrosts
- Improves product quality by reducing temperature fluctuations
- Maximizes energy efficiency with less compressor runtime
- Factory installed EcoNet Controller
- Optional EcoNet Command Center



## Next-Gen ½ to 6 HP air cooled condensing units



### High Efficiency, Easy Access And Versatile

The units feature an integral subcooling circuit that allows saturated liquid to flow from the receiver to the condenser where the refrigerant is subcooled by ambient air for higher efficiency and excellent operating stability. Next-Gen models are also easy to service, with base-mounted shut-off valves, removable control panel door, and color-coded and numbered point-to-point wiring.

#### FEATURES

- Hermetic or Scroll compressors
- Flooded and non-flooded models
- Extended range medium or low temperature models
- Generously sized high efficiency condenser, enhanced copper tubes/aluminum fins
- Quick access to shut-off valves from exterior
- Liquid line kit with filter/drier and sight glass with moisture indicator

## Center Mount unit coolers

### Accessibility And Efficiency In Space-saving Design

Center Mount unit coolers are designed for use in walk-in coolers and freezers with very low headroom clearance. The unit coolers feature two-way air flow to provide for even circulation and temperature, easy serviceability, and are UL/cUL and NSF approved. Capacities range from 3,700 to 32,400 BTUH.

#### FEATURES

- Energy efficient Dual Speed EC Motors
- Extra low height — mounts flush to ceiling
- High efficiency fan guard design and deep draw venturi provide optimal air flow
- Sloped housing for efficient condensate draining
- Easy access to fan motors
- Unique design allows for service in confined spaces



# Water Heaters: Gas, Electric, Tankless, Storage Tanks



For nearly a century, Rheem has designed, developed and manufactured products that make lives safer, more comfortable and more productive, while delivering quality, value and reliability to homes and businesses across the globe.

Building on nearly a century of innovation, the Rheem Water Heating Line is the next step in our evolution—commercial water heating solutions designed to provide perfect comfort, flexibility and support for any business application. All supported by the commercial experts at Rheem.

Founded in 1925, Rheem’s mission today remains simple: help keep businesses up and running.

## Rheem commercial water heating serves

**RESTAURANT**  
**HOSPITALITY**  
**LEISURE**  
**SCHOOLS**  
**MULTI-FAMILY**  
**OFFICE**  
**INDUSTRIAL**  
**AND MORE**



## COMMERCIAL CATEGORIES

### Gas

- Heavy Duty
- Medium Duty
- Ultra High Efficiency
- Hot Water Supply Heaters

### Electric

- Large Volume
- Medium and Heavy Duty
- Light Duty
- Point of Use
- Hybrid

### Tankless

- Gas
- Electric
- Handwashing

### Storage Tanks

## TRITON®

### The Most Intelligent, High Efficiency Commercial Gas Water Heater In The Market

#### ELIMINATE THE EMERGENCY

- **LeakSense™** – Most accurate leak detection on the market
- **LeakGuard™** – Industry's only all-inclusive leak detection and prevention system
- **EcoNet®** Smart Monitoring Technology- Includes systematic health checks

#### EASY RETROFIT/UNIVERSAL RETROFIT

- **Multiple (5) water connections** – Top, side and bottom; front and back
- **Variety of flexible venting options:** Polypropylene/PVC/CPVC/ABS/Innoflue
- **Ideal solution for replacement, new construction and manifold applications**

#### QUALITY – BUILT TO LAST

- **Triple Pass Heat Exchanger** – Made with ASME grade steel-minimizes rust and corrosion
- **Advanced Power Anodes** – Self adjusting and non-sacrificial to extend tank life
- **Lasts 5 years longer than the industry standard for commercial water heaters**
- **SU Models have a 3-year tank warranty**
- **SS Models have a 5-year tank warranty and an upgradable 15-year warranty on specified models**



## Marathon® Eclipse™



### The Most Durable Electric Water Heater Ever Made

- Seamless, blow-molded polybutene tank
- Lightweight, corrosion proof
- Flexible electrical connection options for easy install
- High-efficiency design
- Available in 6-24 kwh
- **10-Year tank warranty**

## Commercial tankless systems

### A Complete Solution

- Commercial ready
- System redundancy – daisy chain up to 20 units
- Built-In condensate neutralizer line
- Common vent compatible
- **5-Year heat exchanger warranty**

#### SYSTEM CONFIGURATIONS:

- Wall-mounted, wall-hung and free-standing options
- Scalable from 2–6 tankless units per system (up to 1,199,400 BTU/h max. with 6 units)

**REDUCE  
INSTALLATION  
COSTS**  
with single-point  
connections



# Water Heaters: Gas Boilers and Water Heaters, Storage Tanks, Indirect Heat Exchangers



For over 70 years, Raypak has been one of the world's leading manufacturers of quality and dependable water heaters. Starting from our modest beginnings in Southern California in 1948, Raypak now supplies heating equipment across the globe from its state-of-the-art corporate facility in Oxnard, California.

We specialize in designing and manufacturing water heater solutions for a variety of industries and applications. Raypak is committed to providing our partners and customers with comprehensive services including product quality control, advanced technology and customized solutions – all designed to produce the most complete answers to your water heating demands.

## Raypak commercial water heating serves



- EDUCATION**
- HEALTHCARE**
- GOVERNMENT**
- SPORTS/ENTERTAINMENT**
- HOSPITALITY**
- NON-PROFIT**
- OFFICE/INDUSTRY**
- SHOPPING MALLS**
- MULTI-FAMILY HOUSING**

## COMMERCIAL PRODUCT CATEGORIES

### Gas Boilers

- Atmospheric
- Near Condensing
- High Efficiency

### Gas Water Heaters

- Atmospheric
- Near Condensing
- High Efficiency

### Storage Tanks

### Indirect Heat Exchangers

### Options & Accessories



# Raypak Experience Meets Innovation



## We're Heating Things Up With The All New XFIIRE!

The XFIIRE is one of the newest members of the Raypak family of commercial products. Engineered to operate as a boiler or a water heater, the XFIIRE provides more flexibility along with easier installation and servicing. Manufactured with stainless steel water-tube construction, versatile design and adaptive controls on an intuitive VERSA IC® touchscreen display. The XFIIRE is available with Raymote™ access, a mobile system that keeps you connected and informed.

- VERSA IC Intelligence Touch Screen, available with Raymote Mobile Access\*
- Compact size and instant visibility of heater status
- Stainless Steel, Condensing Water-Tube Heat Exchanger
- Ready to vent with PVC or CPVC
- Up to 96.5% efficiency and ENERGY STAR® listed
- Available in sizes from 300 to 1000 MBTUH

\*Raymote is an optional feature that can be added to the XFIIRE.



## Out With The Cold, In With The New XVers L!

XVers L is our newest hydronic boiler designed to automatically read and adjust temperatures to ensure that your environment remains controlled and comfortable. Featuring fire-tube heat exchanger technology and VERSA IC Intelligence, this incredible unit is packed with advanced features that deliver high performance in a variety of operating conditions.

- VERSA IC Intelligence Touch Screen
- Standard with Raymote Mobile Access
- Compact size and instant visibility of heater status
- Stainless Steel Fire-Tube Heat Exchanger Technology
- Up to 98% efficiency & ENERGY STAR® listed
- Available in sizes from 399 to 850 MBTUH
- Ready to vent with PVC or CPVC
- Cascade Parallel Modulation
- Supports primary piping

## Feel The Heat With Raypak's XVers™! Available With HO<sub>2</sub>T™ Automatic Protection

Raypak's XVers vertical fire-tube condensing stainless steel boiler is now available with HO<sub>2</sub>T. It features built-in, automatic protection that extends the life of your XVers by maintaining the optimum fuel to air ratio. The XVers is available in sizes 855 to 3000 MBTU and comes equipped with Raymote access, so you can remotely monitor your system anywhere you happen to be.

- Available with HO<sub>2</sub>T
- Stainless Steel Vertical Fire Tube Heat Exchanger
- Up to 96.2% thermal efficiency at full rate
- 100% factory fire tested
- 7 Inch VERSA IC Intelligence Touch Screen
- Standard with Raymote Mobile Access
- Built-in Flow Meter to unlock complete VERSA protection capabilities
- Cascade Parallel Modulation
- Patented Richlight® Technology assures reliable ignition
- Supports primary piping



# Water Heaters: Tankless Electric, Handwashing



Eemax is leading the evolution of hot water with front-line technology that provides endless hot water. It is our mission to drive the progression of efficiency maximized by developing advanced tankless electric water heating solutions. We are empowering professionals with trusted and versatile products that can accommodate a multitude of applications.

Today, Eemax products are delivering energy-efficient hot water for commercial, industrial, safety, residential and more. Wherever hot water is needed—Eemax has the solutions—making us America’s #1 choice for tankless electric water heaters. Learn more @eemax.com.



**endless**  
hot water



**save**  
space



**save**  
energy



**save**  
time



**save**  
money



**no**  
venting

## Commercial tankless electric water heating solutions

**FOODSERVICE**  
**HEALTHCARE**  
**HOSPITALITY**  
**INDUSTRIAL**  
**MULTI-FAMILY**  
**OFFICE**  
**SAFETY**  
**SCHOOL**  
**UNIVERSITY**



## Applications

- Boosting
- Commercial kitchen
- Dishwasher
- Handwashing
- Kitchen/wet bar/utility sink
- Mop sink
- Safety
- Sanitation
- Shower facility
- Washdown process

## ProSeries XTP™ eXact Thermal Performance

ProSeries XTP is an ideal solution for diverse commercial and industrial applications that require water temperatures up to 180 °F and specify flow rates from 0.5 to 20 gallons per minute. The units range in power from 16 to 54 kilowatts and operate on three-phase delta power. The family is comprised of 10 models in either 3 or 6 heating chamber configurations.

### KEY FEATURES

- Adaptive Stability Technology™
- 4 line, 20 character LED display
- SafeStart™
- Custom wall-mounting bracket
- Powder-coated galvanized steel, stainless steel heating chambers and sheathed copper heating elements



## SAFEADVANTAGE™

Designed to comply with tepid water ANSI 2358.1 requirements for safety, eye/face, and drench showers. 90 °F maximum output temperature and capable of high volume flow of up to 30 GPM. The units range in power from 32 to 150 kilowatts and operate on three-phase delta power.



### KEY FEATURES

- Fully modulating – Predictive control algorithm and diverse safety features ensure precise temperature control
- T&P not required per UL499 (check local codes)
- Thermo-Optical Sensor for infrared element monitoring
- Field programmable, updatable firmware, and adjustable turn-on

## Handwashing

Our handwashing portfolio delivers safe and endless hot water on demand. Designed to support multiple or single sensor and metering faucets. Each of these heaters can be installed in any orientation, at the point-of-use and with a single water line—a savings in both labor and materials.

**LavAdvantage™** Thermostatic precision with an industry-leading low flow activation at 0.2 GPM.

**AccuMix II™** Meets UPC 407.3 for public handwashing with an integrated ASSE 1070 compliant mixing valve.

**FlowCo™** Non-thermostatic heater ideal for a single sensor or metered faucet and other fixed-flow applications.

-   
**Mount in any Orientation**
-   
**SafeStart™ Technology**
-   
**Self Diagnostics**
-   
**Energy Management\***
-   
**Field Adjustable\***
-   
**Compact Size**



# Waters Heaters: Indirect Fired, Fire Tube Boiler



Choosing the right heating system is crucial to maximizing a buildings energy savings and environmental impact.

Established with the express purpose of improving the world of hydronic heating at IBC we recognized that innovations in combustion control technology, combined with appropriate design-embedded controls, are fundamental foundations for the optimization of our new reliable commercial heating equipment both for new and retrofit commercial projects.

**In 2019 IBC became part of the Rheem family. Together we are dedicated to continually finding new, innovative and sustainable ways to utilize the world's dwindling energy resources, while also providing superior service, reliability and fuel savings to all our North American customers.**

## IBC serves



**SCHOOLS**

**HEALTHCARE FACILITIES**

**OFFICE BUILDINGS**

**FACTORIES**

**LARGE RESIDENCES**

**MULTI-FAMILY HOUSING**

**RECREATIONAL FACILITIES**

**BARN/FARM BUILDINGS**

**COMMERCIAL GARAGES**



## **INTERSTOR** Indirect Fired Water Heaters

Combine with any SL or EX boiler for an unlimited supply of hot water. High capacity thermal exchange with precise temperature control through provided NTC sensor.

- High performance domestic hot water
- Pickled & passivated stainless steel construction for the highest possible resistance to corrosion
- High capacity, smooth wall stainless steel heat exchanger
- Standard, MAX & XHO options available
- Maintenance free design
- Light weight for easy installation
- 2" of polystyrene foam insulation for an extremely low standby heat loss
- Removable inspection port for easy access to coil and interior of tank
- Standard Aquastat & 10K $\Omega$  temperature sensor

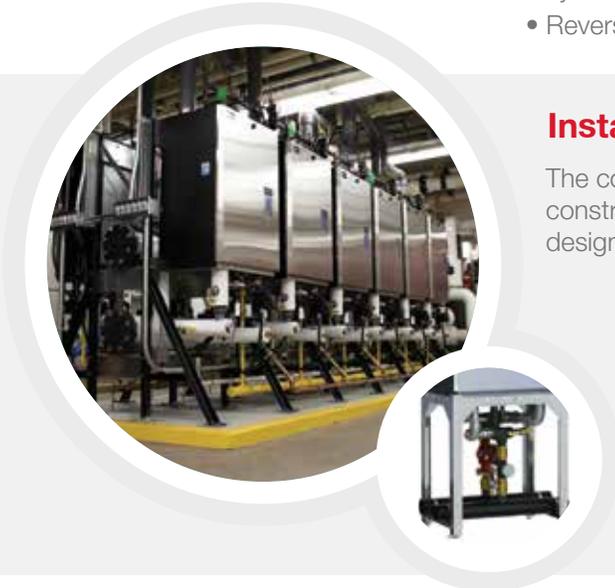
# IBC – Smart Choice for Heating & Hot Water

## SL SERIES G3 - COMMERCIAL

### Most Advanced SS Fire Tube Boiler On The Market

Made of high grade 439 & 316 Ti stainless steel, the SL-G3 retains all the key features of previous generations, but with many extras, including:

- Intuitive Touch Screen Control with remote monitoring and diagnostics
- 2 Sizes: SL 26-260, SL 40-399 (MBH)
- 10:1 Turndown ratio
- Multi-boiler communication up to 9.5 million Btu/h (24 boilers) without additional controls
- With 24 x 399 boilers, turndown ratio is 240:1
- PVC/CPVC/PP/SS approved - venting up to 400ft
- Now featuring multiple zone pump control - up to 4 zones
- MFZ Technology: Patented moisture management protocol, protects and ensures long life for all internal components in the boiler
- DDC Control 0-10 VDC or 4-20 mA without additional controls
- Optional SL 40-399 316Ti titanium enhanced heat exchanger available
- DHW Opt-Out option for multiple boiler systems
- Reverse flow detection



### Installation Made Quick & Easy

The cost-effective solution to any application, whether retrofit or new construction; by combining the SL G3 commercial models with specifically designed accessories and our V10-Controller, the possibilities are endless!

**MULTIPLEX RACKING:** A modular freestanding system comes flat pack. Components fit into standard doorways, making this system ideal where space is limited. An engineered, easy to install turnkey solution that is seismic ratable.

**FLOOR STANDS:** Instantly convert a wall hanging SL G3 to a floor standing boiler.

**MANIFOLD PIPING KITS:** Pair the SL G3 boiler and floor stand for a best value install.

## EX SERIES The Superior Commercial Solution

Choosing the right heating system is crucial to maximizing a building's energy savings and environmental impact. Our new EX Series can help you do just that. Four sizes currently available: EX 400, EX 500, EX 700, EX 850.

### FEATURES

- Intuitive Touch Screen Control with remote monitoring and diagnostics
- 97% Thermal Efficiency
- Multi-boiler communication for up to 24 boilers without additional controls
- PVC/CPVC/PP/SS approved - venting up to 240 feet
- Built-in CSA/UL approved LWCO and manual reset high limit
- 10:1 turndown ratio
- Built-in multiple zone pump control for up to 4 zones replaces the need for external pump controls
- The most advanced stainless-steel fire tube boiler on the market today
- Unmatched safety features
- Easy to install and service
- 10-Year heat exchanger warranty





## Designing Products for Comfort—and Conservation

For nearly 100 years, Rheem has been a leader in heating, cooling, water heating and refrigeration innovation. As an industry leader, we have a strategic approach to improvements for our products and processes to dramatically cut our impact on the environment, while enabling homeowners and business owners to live and work more sustainably. It's all a part of our vision for the future and equally bold commitments.

To learn more about our sustainability efforts and our *A Greater Degree of Good*<sup>TM</sup> initiative, visit [Rheem.com/Sustainability](http://Rheem.com/Sustainability).

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*In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.*

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