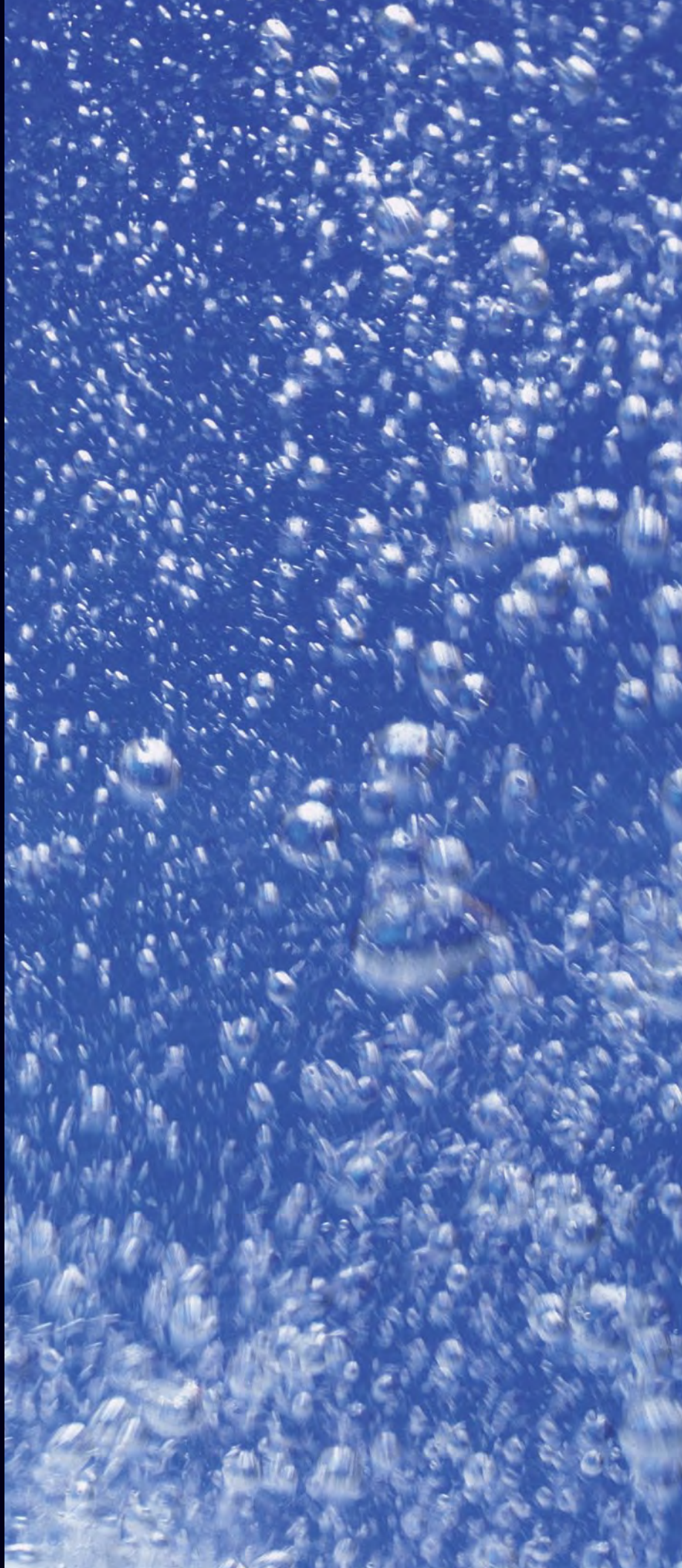




**PARKER**  
**INDUSTRIAL**  
**BOILER**

*QUALITY BOILER PRODUCTS SINCE 1919*



# Dependable Products You Can Rely On

Since 1919, Parker Boiler has furnished dependable, quality boilers for almost every type of service throughout the United States and around the World. Parker boilers are a better value because they are better engineered, designed and packaged. We are always improving our products. Our dependability, service and safety is never compromised.

## Quality Engineered

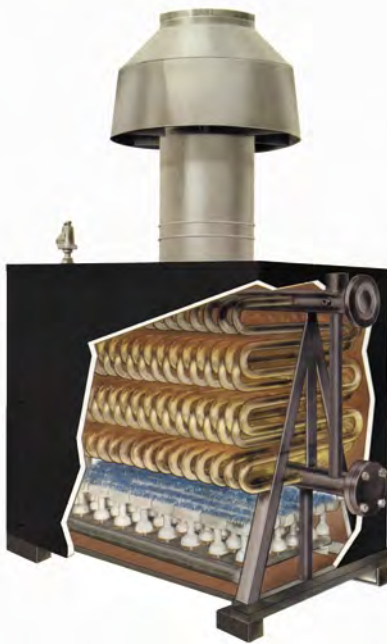
Parker boilers are engineered for more efficient operation (whether gas, Low NOx, oil or combination gas/oil fired) for delivery of hot, dry steam in less than ten minutes! And, Parker boilers have a longer service life for a greater return on your investment. Parker boilers are also UL or ETL listed, ASME constructed and National Board registered.

## Quality Design

Parker boilers are designed for ease of routine maintenance and on-site repairs so there is less down time, and more reliability. Parker boilers also have an extra heavy, insulated, double-wall steel cabinet construction.

## Quality Packaging

All Parker boilers are delivered as a complete packaged boiler, ready to connect to utilities. Every boiler is fire tested and put through a comprehensive check-list before it leaves the factory so you can count on getting it up-and-running quickly.



**A WH490 Indirect Fired Water Heater serves the domestic water needs at the Rose Bowl in Pasadena, CA.**



**Rooftop installation of T1995LR 12PPM 85% eff. outdoor model hot water boiler at the Lakeshore Towers.**



**Over 43 Parker boilers are now installed at Gonzaga University in Spokane, WA, with the first unit still in service since its installation in 1963.**

William Shakespeare

Invention of the Bombshell Boiler

Pilgrims Land at Plymouth Rock

Galileo Galilei, Mathematician, Astronomer, Physicist

Papins Boiler Developed

Spherical Boiler Developed

Declaration of Independence Signed

1564-1616

1605

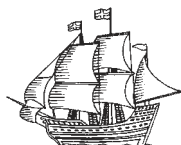
1620

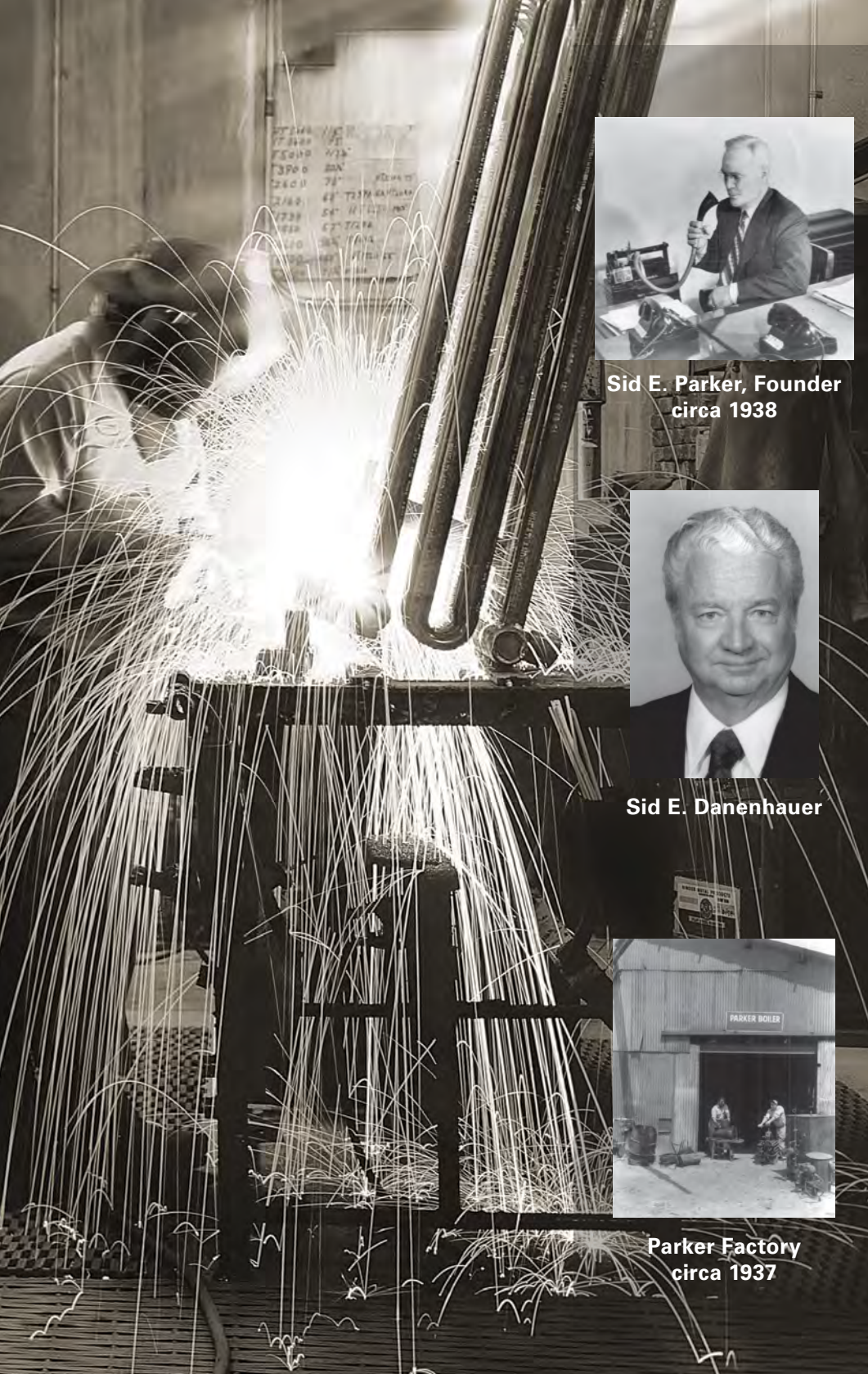
1642

1680

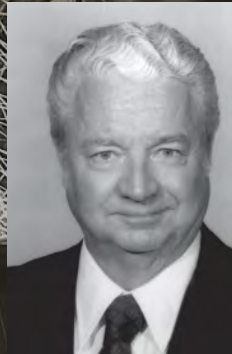
1698

1776





Sid E. Parker, Founder  
circa 1938



Sid E. Danenhauer



Parker Factory  
circa 1937

## History & Growth

The Founder, Sid E. Parker, designed the first Parker Boiler, bearing his name, in 1919. In 1942, Sid E. Danenhauer joined his uncle in California as a partner in the Parker Boiler Company. Together, they made Parker Boiler into an Industry leader. Sid E. Danenhauer was born in 1916 in the small mining town of Clifton, Arizona. In 1934, after an outstanding high school career he attended the University of Arizona on a full track scholarship. He participated in the US Olympic track and field trials in Los Angeles until an injury forced his withdrawal. Two years after graduating with a degree in business he joined Parker Boiler. Sid E. Danenhauer was president from 1947 to 1982 and was elected chairman of the board in 1983. He served in this capacity until a week before his death in 1996.

Under his leadership, Parker Boiler has become a multi-million dollar corporation and is recognized as an Industry pioneer and leader. Danenhauer helped develop the original Water Tube Steam Boiler, the famous Parker H Drum Boiler, and the new Low NOx Boilers.

The Danenhauer family continues to own and operate the business with considerable family pride and tradition.

1st Manned Hot Air  
Balloon Flight, French  
Montgolfier Brothers

Return Flue Boiler  
Invented by  
Richard Treuthick

First Steam Railway  
Engines Developed

First Steamboat  
Launched

Porcupine Boiler  
Developed

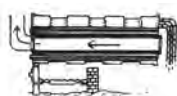
First Baseball Game

Telegraph Invented

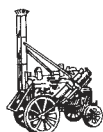
1783



1800



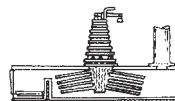
1800



1803



1804



1839



1844



## Innovation & Value

Parker Boiler's large, modern office and manufacturing facility provides the space needed for volume production with an efficient plant layout. Parker's own Engineers have developed computerized and microprocessor controlled manufacturing machines that assure precision fabrication, and higher quality standards. Waste caused by human error is eliminated which reduces manufacturing costs and helps hold down product prices.



**The Parker Boiler 5 acre manufacturing properties and headquarters in Los Angeles,**

## Quality Value

All of Parker's superior quality boilers are available at competitive prices and have been distributed through our representatives for more than 65 years.

## Environmentally Responsible

We presently have a large number of products available which meet or exceed existing Low NOx Rules. We continue to work on newer, less costly and more reliable alternatives to meet these new requirements. Our Premix Low NOx Burner System meets current Best Available Control Technology Requirements that exist today. The Metal Fiber Burner has been used successfully in Europe for Low NOx Burner Systems since the early 1980's, and some Parker installations have been on-line since 1991.

Our manufacturing site in Los Angeles is governed by the most stringent environmental laws in the country so resource management and "clean" manufacturing are practiced.

## Custom Built

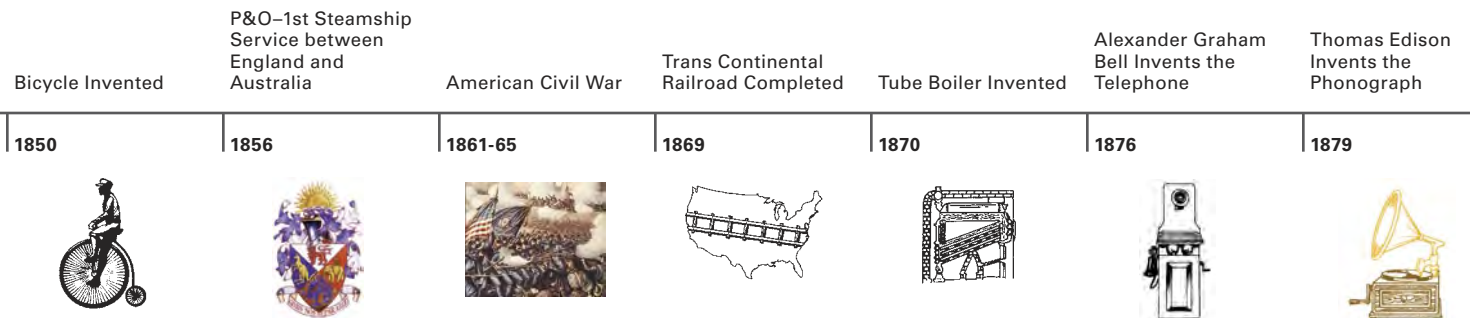
Special configurations of our standard products can be built to meet a customer's specific need. These configurations include reverse trim, breakdown construction for tight entries or even complete installation on a metal skid.

**Boiler installations at Universal Studios, Hollywood, include Terminator 2 3-D, King Kong, and the Central Commissary.**

## Market Diversification

Since its inception, Parker products have been developed and introduced into many Industries. Parker Boiler products are widely used in various heat applications such as processing and manufacturing plants which supply essential materials for almost every use from aerospace to food processing. These include the processing of the foods we eat, the clothes we wear, the tires on our cars and the televisions we watch. Boilers are required in applications from food processing plants, plating plants, breweries, restaurants, hospitals, hotels, schools, to chemical plants, institutions, dry cleaning plants and laundry facilities.

The superior quality products and business policies of Parker Boiler have received such enthusiastic acceptance by so many representatives and users that a National demand has been created for volume production and distribution.





**"Parker Boiler"**  
 (10) Five Million BTU Boilers  
 Provides hot water to the campus to heat the buildings during our winter season. These new high efficiency boilers are equipped with the Parker Premix Metal Fiber-Low Nox Burner System to meet the new AQMD emissions requirements. Hot water is circulated to the campus via the underground piping system at approximately 180 F.

**Installation of ten T6800LR model Hot Water Boilers at California State University, Long Beach. The 85% efficiency, 20PPM NOx boilers have been running since 1996 without any problems. The modular design has saved over a million dollars a year in energy costs.**

Stanley Steamer  
Production Begins

Upright Fire Tube  
Boiler Developed

First Manned Flight  
at Kitty Hawk

Model T Ford  
Mass Produced

Uniflow Steam  
Engine  
developed

America joins  
World War I

Albert Einstein  
Develops Theory  
of Relativity

1897

1900

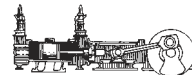
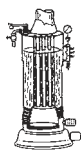
1903

1908

1908

1917

1919



$$E=MC^2$$

## Parker Boiler's Standard Line of Products

Throughout the United States and around the world, Parker Boilers are dependably furnishing steam and hot water for almost every type of service. To fit your unique situation, Parker also has a full line of accessories. Available for Gas, Oil, Combination Gas/Oil firing, or Low NOx firing. (Most models are UL or ETL listed.)

**Parkerette Steam Boilers**  
1.5 to 3 HP  
15-250 PSI



**Parker Steam Boilers**  
7 to 25 HP  
15-250 PSI

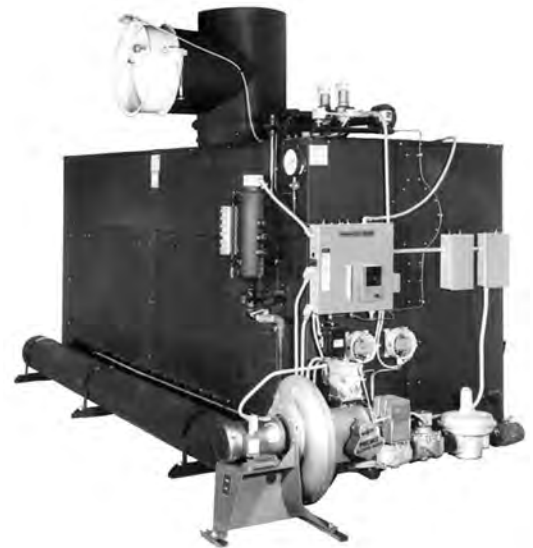


5

**Power Burners Gas, Oil or Combination Fired, Low NOx, or Digester Gas**



**Premix Metal Fiber Low NOx Boilers**



Sid Parker  
Develops Automatic  
Packaged Boiler

1st American  
Radio Broadcasts

Munds Parker  
Automatic Boiler  
Manufactured

Sid Parker  
Develops U-Drum  
Model Boiler

Hindenburg  
Disaster, New York

Television  
Broadcast

World War II

1919

1920

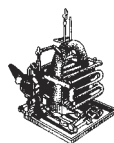
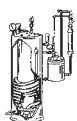
1925

1937

1937

1940

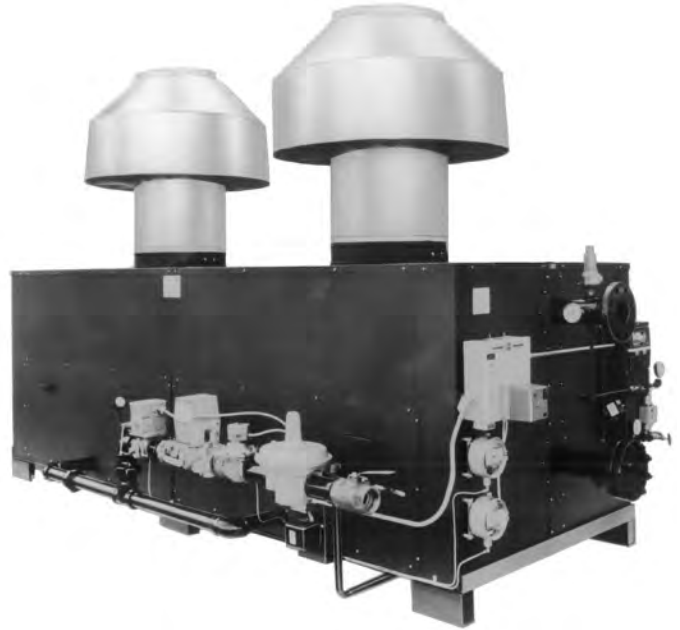
1941-45



**Parker Steam Boilers**  
 30 to 150 HP  
 15-250 PSI



**Thermal Fluid Heaters**  
 126,000 to 6,250,000 BTU  
 up to 650°F



**Hot Water Boilers**  
 300,000 to 6,800,000 BTU  
 up to 400°F and 300 PSI



**Indirect Hot Water Heaters**  
 288 to 2878 Gallons/Hour  
 100°F Rise



**Accessories: Storage Tanks, Tray and Spray Type Deaerators, Blowoff Tanks, Feedwater/Condensate Return Systems, Wet and Dry Steam Accumulators, Air Separators, Expansion Tanks, Softeners, Chemical Feed, Heat Exchangers, and Accessories**



Sid E. Danenhauer  
 Joins Parker Boiler

Atomic Age Dawns

Parker Boiler  
 Moves to  
 Vernon, California

Parkerette  
 Boiler Invented

Computers  
 Developed

Parker Patents  
 Tube Access Plugs

Parker Exports  
 Boilers Worldwide

1942



1945



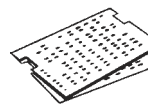
1946



1947



1949



1950



1951



## Industry Standard Parts

Parker utilizes standard controls that are readily available through our representative network and/or at any supply house or wholesaler. We only use Listed components that have undergone extensive

testing on boilers running in our R&D department, factory, or in our local service area. The fact that we maintain our own local service fleet enables us to limit problems with direct feedback using warranty

tracking software. This assures the controls we choose are rigorously tested before they are used on our equipment to assure long, trouble-free service.

## Easily Repaired

Any steam boiler will likely require retubing sooner or later, depending on care and operating conditions. Recognizing this, special design consideration was given to this concern. Parker Steam Boiler Tubing is constructed in several individual sections, each connected to the boiler drum and lower headers by pipe unions. To replace any section of tubing, it is only necessary to undo the union and remove that section of tubing. It's possible to temporarily

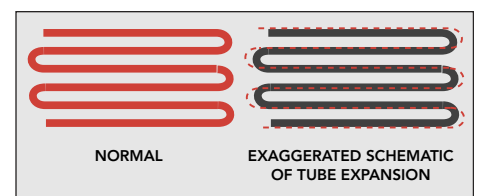
operate the boiler with a tube section completely removed by replacing the unions with pipe caps. All sections of tubing are interchangeable and so low in cost that many owners purchase an extra section of tubing to have on hand to meet any emergency requirement. Furthermore, the tubing sections on most models can be turned over after several years of operation adding many additional years of service.



## Flexible Construction

Flexible tube design eliminates maintenance costs resulting from warping and leaking associated with rigid straight-tube design. Each tube can expand and contract independently on heating and cooling without setting up

concentrated metal fatigue points – as opposed to straight-tube design, rigidly held between headers and tube sheets. This is why we provide a 20 year guarantee against thermal shock.



Elizabeth II becomes Queen

DNA Structure Discovered

First Color TV Broadcast

Parker Develops Indirect Hot Water Boilers

1st Satellite, Sputnik, Orbits Earth

Thermal Liquid Heaters Developed by Parker Boiler

Viet Nam Conflict

1952



1953



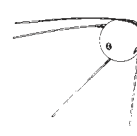
1953



1955



1957



1957



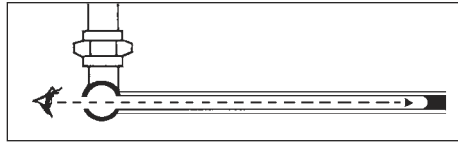
1964-75





## Ease of Inspection

Parker Steam boilers have been designed to provide complete accessibility for internal inspection. Full length cabinet doors on both sides provide internal accessibility to the drum, blowoff lines, burners and boiler tubes. Tube access openings are provided at ends of



every tube, permitting internal inspection to be made in a matter of minutes. Specially designed

plugs, with straight fitted threads and gaskets, are easy to remove under all conditions.

The time required for an internal inspection is a fraction of that required for firetube or straight tube boilers.



**Parker has one 25 HP, 200 PSI Steam Boiler System with a Wet Steam Accumulator installed at Disney World's Tree of Life "It's Tough to be a Bug" 3D Show in Orlando, Florida.**

**At Disney's California Adventure theme park in Anaheim, CA, Parker installed a similar system that uses two 9.5 HP, 100 PSI boilers and one 20 HP, 15 PSI boiler, and three accumulators.**

## Quality & Safety

One of the main reasons for Parker's continued growth and success is its established reputation for the superior quality, safety, reliability, low cost operation and maintenance of the Parker boiler. Our boilers were developed with safety as the primary goal. This was even more important in the earlier years

before the present-day safety controls. No Parker boiler has ever been known to experience an internal explosion, nor has it been possible to induce an explosion under severe testing. The heavy steel, all welded flexible construction cannot be surpassed for safety. It permits free expansion and contraction with changes in

temperature. Thermal shocks are readily absorbed without hazard or damage to the boiler. No other boiler manufacturer can truthfully claim to have a better record of safety with its boiler products. Parker Boiler has lived up to, and deservedly earned, the motto "Never a Compromise for Quality or Safety."

Man Walks on the Moon

Public Internet Developed

Personal Computers Introduced

1st Supersonic Concorde passenger flight

1st Space Shuttle, "Columbia" Launched

Parker Builds New Plant

Rule 219 Lowers permit level on boilers to 2.0 million BTUH from 20 million BTU

1969

1970

1973

1976

1981

1987

1988



**SCAQMD  
Rule 219**



Installation of more than ten Parker Steam & Thermal Fluid Heaters in various locations at PRC-Desoto International Courtaulds Aerospace in Mojave, CA.



Our boilers are available with stainless steel cabinets for installation in corrosive environments.

### Experienced Engineering, Management & Personnel

Another key reason for our success is that Parker Boiler has been most fortunate in finding capable personnel that have become proficient and dedicated to the high ethics and goals of the company.

Many years ago, Parker recognized the importance that experience plays in the growth and continued success of operating a business of this type. Few companies can match the experience, and years of dedicated service, of the personnel at Parker Boiler. The engineering, sales and management personnel have an average of 20 years of experience at Parker Boiler. In addition, the service and production

departments average over 18 years of service at Parker Boiler.

In order to maintain Parker's leadership in the field, Parker's entire staff is dedicated to continue using their experience to provide the Industry with the best and safest boiler products.



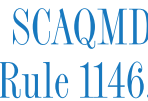




### Fair Play

Parker Boiler takes sincere pride in its established reputation of high business ethics and fair play to its customers and employees. The experience and dedication of Parker employees to maintain high standards and product quality has earned Parker Boiler the reputation of having one of the best and safest boilers in the Industry.



Tate Engineering/ZBZ & Associated, Inc./Sea Tack Community Center, Virginia Beach, VA skid-mounted WH1210 with storage tank for domestic hot water & building heat (providing combination service).

9

Rule 1146 Requires retrofits on boilers over 5.0 million BTUH	Parker Develops First Premix Metal Fiber Low NOx Boilers. "L" System	Rule 1146.1 Requires retrofit of boilers between 2-5 million BTUH	International Space Station Launched	BACT Low NOx Levels Drop to 12PPM	Parker Introduces Ultra Low NOx Burners	Parker Develops Low NOx Atmospheric Boilers "LA" Series
1989	1989	1994	1998	1999	1999	2000
						

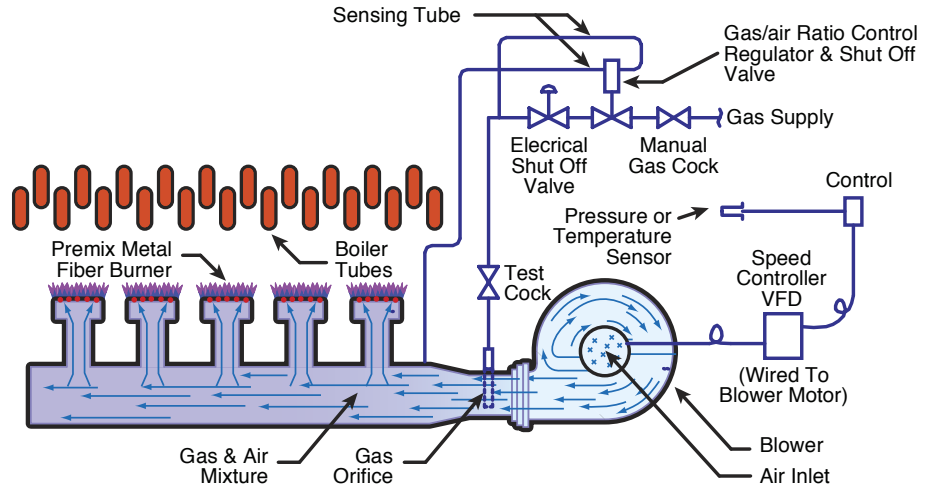
## Our Future

The future is very promising for Parker Boiler and our customers, as Parker continues to excel in new product development. Parker is a proven leader in Low NOx technology development. This is evidenced by the fact that Parker was the first boiler company to have units certified to the South Coast Air Quality Management District Low NOx rule 1146.2.

Parker is the first United States company to list/label and manufacture an atmospheric Low NOx Boiler. All previous Low NOx boilers have incorporated fans.

Also, Parker is meeting the new Ultra Low NOx standards for large boilers with new Metal Fiber Premix Burners.

We are developing Low NOx higher efficiency boilers on an ongoing basis. The new WW Series (under development) is a



**Variable Speed Post Mixing "LVDF" System Parker Premix Burner System**

line of hot water boilers designed to fit through a small doorway with forced draft burners, easy tube access and steel tube flexible construction.

Parker's new variable speed, Low NOx, premix system sets the bar very high for our competition. Not only are NOx levels less than 12 PPM achieved but electrical energy is saved by controlling fan

speed with the linkageless system.

A highly qualified staff backed by a financially solid company, and the continuing demand for heat in new technologies create a bright future.



**1st Tennessee Bank in Johnson City, Tennessee has a T2970 Direct Fired Hot Water Boiler installed outdoors.**



**Harding University in Arkansas has 28 Parker boilers installed**



**Antelope Valley Courthouse**

SCAQMD Imposes Country's Most Stringent Air Quality Regulations

Parker Meets SCAQMD Regulations

Parker introduces VFD Boilers

Parker introduces DA Tanks

Burt Rutan's SpaceShipOne Wins X-Prize. Private Space Flights a Reality

Parker Boiler Celebrates 85th Anniversary

WW Debuts

2000

2000

2002

2003

2004

2004

Future





***"Never a Compromise for Quality or Safety"***

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[sales@parkerboiler.com](mailto:sales@parkerboiler.com)

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