



# BOILERPLATE

PUBLISHED FOR THE EMPLOYEES, CUSTOMERS &amp; SUPPLIERS OF PARKER BOILER CO.

## CONDENSING BOILERS

### TC 205 CONDENSING BOILERS

Kerry Gaul and Cameron Sprinkel, of Innovative Air in Boise ID., have a great working relationship with the Engineering Incorp who specified three (3) TC600GO gas/oil Condensing Hot Water Heating Boilers for the central plant at this new Hospital Facility.

They included Siemens LMV Parallel Positioning systems and touchscreen controllers tied into a Siemens Master Lead Lag Control panel with a Building Automation System Gateway. Parker Boiler was chosen as part of an entire wet and airside package furnished to contractor and was also the only condensing gas/oil boilers that could fit into the freight elevator when the burner was removed for ease of installation into the basement of the facility.



Pictured above are the three (3) TC600GO gas/oil Condensing Hot Water Heating Boilers that were installed at St. Lukes Fruitland Hospital in Fruitland, ID.



H

Intertek



### (2) TC800GO CONDENSING HOT WATER BOILERS WITH PARKERVIEW LEAD LAG PANEL (PV-LL)

Dusty White, of Power Equipment in Memphis, TN., specified and sold this package to Mercy Orthopedic Hospital, FT. Smith, AR., with the engineering expertise of Habibi, TME Corp, who was engineer on record out of Little Rock, AR. The mechanical contractor was Action Mechanical Contractors of Little Rock, AR.

Two (2) TC800GO gas/oil Condensing Hot Water Boilers were combined with a Parker-View Lead Lag (PV-LL) Master Control Panel with touchscreen and cellular modem with a BAS Gateway. This optional interface and service provides trending and remote view from a secured IP address, and can also text alarm status, provide trending data, and an access point to make changes to the panel. There is also a USB flash drive port for software updates and changes.



Pictured above is the Parker View Lead Lag Panel (PV-LL) that was used with five (5) 9.5HP Low NOx Steam Boilers and a Horizontal Wet Steam Accumulator at Universal Studios Hollywood.

## PARKERVIEW - PRODUCTS

Responding to the need (let's call it demand) of boiler owners, specifying engineers, facility staff and contractors for a fully viewable and controllable boiler system, Parker Boiler has responded with a number of different products, solutions and systems. This might be called the "new thing" in boiler designs. The following is a brief synopsis of our work and offerings in this area.

### 1.) ParkerView Alarm (PV-A)

ParkerView - Alarm (PV-A) is a simple to setup, use and maintain cellular based alarming system for use on boilers or other devices.

It allows the owner or operator of the boiler or other device to be off site and be alerted when an alarm condition is detected, cleared or when there is a power loss.

When an alarm condition is detected PV-A will text up to 3 phone numbers to indicate there is a problem. If the alarm is cleared an additional text is sent to an offsite owner or operator.

PV-A is standardly provided in a 12x12x4 plastic weather proofed Nema 1 enclosure to improve cellular transmission. It can be mounted indoors or outdoors and requires a 115V/60Hz/1Ph power source. It contains a UL Listed power supply and a Verizon Network certified cellular modem.

Options exist for a remote antenna for those basement boiler rooms.




PV-A can be purchased as a stand-alone device and installed in the field by others or it can be provided, mounted on a new boiler.

The system can monitor two boilers or alarm points. Dry contacts on the boiler (or other device) are required, these dry contacts should close when an alarm is present.

This device could allow a boiler service company to know of a boiler problem before the customer is even aware of a down boiler.

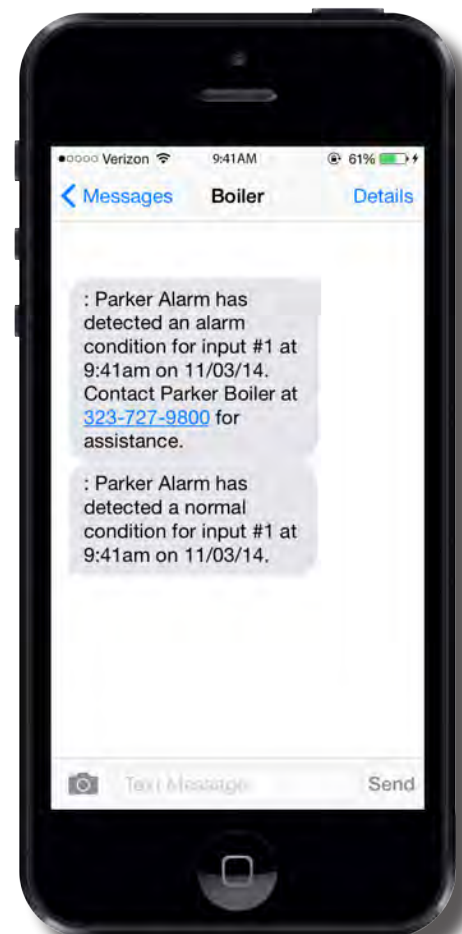
When the PV- Alarm is purchased it is required that a low cost one year cellular plan also be purchased. This plan can be initially purchased thru Parker Boiler or a third party. Subsequent years must be purchased from the third party.

Once installed it takes under 3 minutes to setup the cellular text list and custom names. It will operate with no maintenance for years and is backed by a 1 year warranty.

PV-A is part of Parker Boiler's BMS solutions which include an array of communication products designed to meet customer demands. 

### Options:

- Remote Antenna • 24Vac Version



**Mobile View of Sample PV-A Text**

## PARKERVIEW - PRODUCTS

### **1.) ParkerView Lite (PV-LITE) AND ParkerView Modbus Lite (PV-MOD)**

ParkerView Lite (PV-Lite) and ParkerView Modbus (PV-Mod) are Cellular Based Boiler Control and Monitoring Systems custom designed for each application. It allows owners and operators to be offsite yet know their boiler system is ready to provide heat for their building or industrial process. System Status can be viewed on a web dashboard at anytime from anywhere. Operations of plating plants or other facilities can schedule start-ups and shutdowns which can save energy and ensure the plant is ready when production is started.

Offsite owners or operators can gain a high degree of confidence knowing their facility is ready to go, when heat is needed.

When an alarm condition is detected PV-Lite or PV-Mod will send a text or email to indicate there is a problem.

The devices are standardly provided in a 12x12x4 plastic weather proofed Nema 1 enclosure to improve cellular transmission. They can be mounted indoors or outdoors and require a 115V/60Hz/1Ph power source. They contain a UL Listed power supply and a Verizon Network certified cellular modem.

Options exist for a remote antenna for those basement boiler rooms.

PV-Lite and PV-Mod can be purchased as stand-alone devices and installed in the field by others or they can be provided mounted on a new boiler.

When they are purchased it is required that a low cost one year cellular plan also be purchased. This plan can be initially purchased thru Parker Boiler or a third party. Subsequent years must be purchased from the third party.



**Mobile View**

### **ParkerView Lite (PV-LITE)**

ParkerView Lite is a web based easy to use control and monitoring system for boiler systems or other mechanical devices.

A webpage is established which monitors and displays up to four (4) inputs, pressure, temperature, alarm, etc. (dry contacts, 0-10VDC or 4-20mA). Two outputs are available to turn on and off boilers/pumps/or other devices.

All data can be viewed online on a web dashboard. The system via the cellular network monitors and trends the data providing six (6) months of data storage.

Should a data point reach an alarm status, text and email messages will be sent to the appropriate personnel to alert them of a problem.

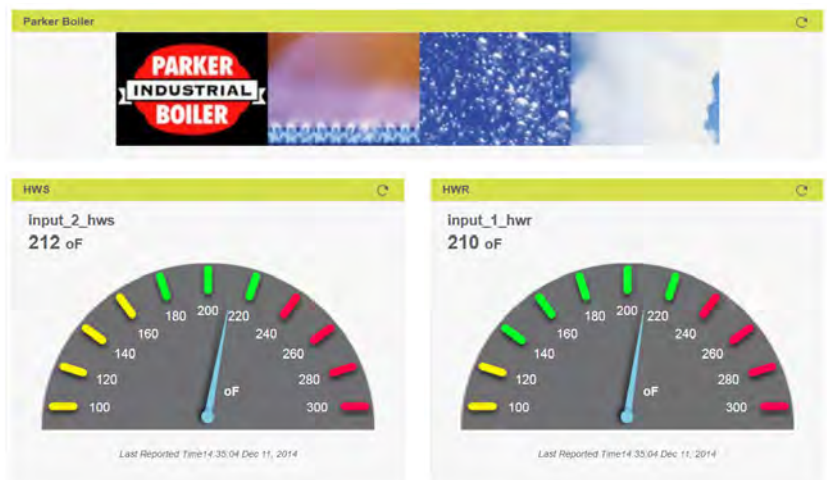
### **ParkerView Modbus (PV-MOD)**

ParkerView Modbus has all of the features of ParkerView Lite with the addition of a Modbus connection to the boiler(s), pumps, etc.

PV-Modbus will connect to the appropriately appointed boiler(s) with Sola, Siemens LMV, Siemens RWF, and Honeywell S7800 controls.

At this level not only will the basic temperature, pressure and alarm data be available, but many boiler operational and alarm parameters can be viewed online.

Data trending is provided with twelve (12) months of data storage.




**Online View of The ParkerView**




## Sincere Orient Foods - Deaerator and Pump Skid



Shown above is a DAS3660 serving five (5) 48L Steam Boilers. A separate three (3) pump skid (shown above) was factory piped as part of the package. Individual VFD Controlled Pumps pump water through the boiler heat reclaimers then into the boiler. The job was Sincere Orient Foods in City of Industry, CA. 


Shaiyanne Leeming, daughter of Michael Leeming and granddaughter of Robert Barnes graduated from the 6th grade in June 2014 with perfect attendance. She followed the same examples



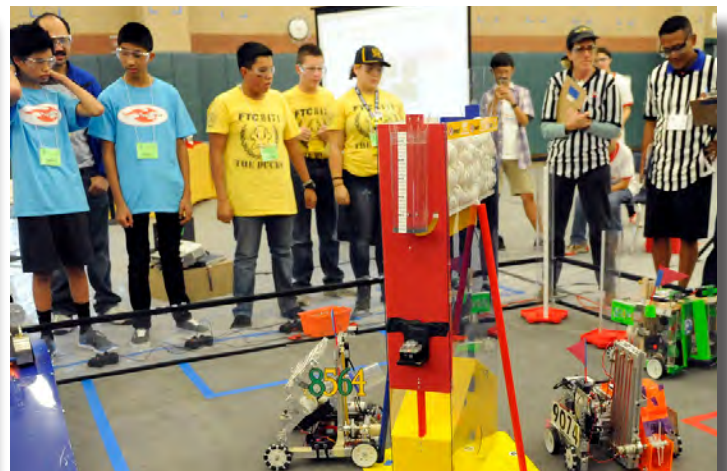
as her two sisters who are now a senior and sophomore and still have not missed a day. This award is given to students who have never missed a day of school or been tardy from Kindergarten through the 6th grade. Quite an accomplishment for this young lady considering her busy schedule of boating, camping, music, computers and being a big and little sister to her four sisters and one brother. 


## Generations of Parker Employees



Recently Henry Castaneda (center) retired from Parker Boiler after 48 years as a senior welder. Henry is responsible for tens of thousands of high quality welds on Parker Boilers. Henry's son Tony is shown to his left and grandson Anthony to his right. Both are valuable employees at Parker Boiler with welding and computer skills. Henry was an excellent underhand softball pitcher in the 60's and 70's. He led The Parker Team to many victories. He enjoys and follows many sports. Also shown is Greg Danenhauer, Sid C. Danenhauer and Sid D. Danenhauer. 

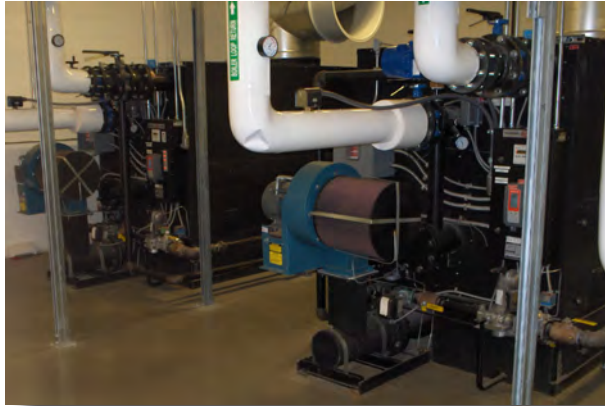
## Robotics Competition



On December 2nd 2014, Tyler Bernardino, 14 son of Alan Bernardino (shown on the far right) competed in the 2014-2015 FTC Robotics Competition Qualifier held at Monrovia High School. The title of this year's tournament was Cascade Effect. Tyler's team 8624 Spectrum entered their first robotics tournament of the year in a field of 22 teams. At the end of the qualifiers, they were ranked 11th overall. A job well done considering the team was having difficulties getting their robot to run, not to mention pass the necessary hardware and software inspection to enter the tournament. 

## Parker Boiler and Western State Design Team Up

Parker Boiler has teamed up with Western State Design based in CA, R.W. Martin and Sons in OH, McCook Boiler and Pump/ Thermal Engineering of Arizona to push several new state of the art steamless laundries.



**Pictured above is a pair of T6800LR, 9PPM Low NOx Hot Water Boilers installed at Crothall, Manteca, CA.**

Partial project list are many VA Hospital Laundries across the country as well as high end private Hospital Linen Industrial Laundries like Crothall. Big advantages of going steamless are the elimination of make-up water to boiler, chemicals, flash steam losses, blow offs, annual internal boiler inspections, and attendance requirements of a high pressure Section I steam boiler.

### FAMILY TIME

#### 2015 PARKER BOILER CO.

#### HOLIDAY SCHEDULE

Parker Boiler Co. will be closed on the following days so employees can spend extra time with family and friends.

January 1, Thursday	New Year's Day
February 14, Saturday	President's Day Weekend
February 16, Monday	President's Birthday
April 4, Saturday	Easter Weekend
May 23, Saturday	Memorial Day Weekend
May 25, Monday	Memorial Day
July 3, Friday	Fourth of July Weekend
July 4, Saturday	Fourth of July
September 5, Saturday	Labor Day Weekend
September 7, Monday	Labor Day
November 26, Thursday	Thanksgiving Day
November 27, Friday	Day after Thanksgiving
November 28, Saturday	Thanksgiving Weekend
December 24, Thursday	Christmas Holiday
December 25, Friday	Christmas Day
December 26 Saturday	Christmas Weekend

## SCHEDULE OF CONVENTIONS, EXHIBITS, DISPLAYS , TRADE SHOWS & SPECIAL MEETINGS

2015			
DATE	SHOW	LOCATION	SHOW HOURS
January 26-28, 2015	2015 AHR Expo South Hall Booth #6535	Chicago, IL McCormick Place	Mon-Tue 10-6pm Wed 10-4pm
February 10-12, 2015	World AG Expo North Exhibits Booth #H34	Tulare, CA (Gas Co - H Street) International Agri-Center	Tue-Wed 9-5pm Thurs 9-4pm
April 16-19, 2015	2015 Clean Show Booth #2759	Atlanta, GA Congress Center	Thu 10-5pm Fri-Sun 9-3pm
June 8-10, 2015	NASF/SUR/FIN Booth #134	Rosemont, IL DES Convention Center	Mon-Wed 5:30-7:30pm



# 2015 AHR EXPO®

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## THE FUTURE of SURFACE TECHNOLOGY



June 8-10  
Rosemont, IL  
NASFSURFIN.COM


VISIT US IN BOOTH  
**134**

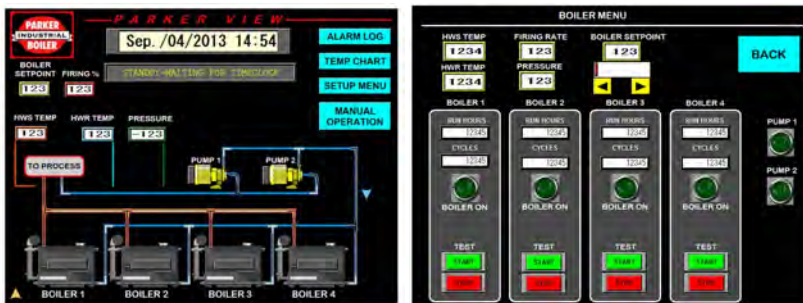




# Wayzata Central Middle School

Plymouth, NM

Brett Stueland and Dan Soffa of R.M. Cotton Company in Minnesota successfully sold and commissioned (4) TC1450GO gas/oil Condensing Hot Water Boilers for this school heating project. A ParkerView Master Touchscreen Control with BAS Gateway, isolation valve control, and cellular modem were a few of the many features provided with the PV-LL panel. The cellular option allows for remote diagnostics and changes to panel programming from anywhere on the planet. Riello provided the burners with an LMV36 linkageless control system. The boilers are using a common sealed combustion intake venting, and a common vent with 60-foot chimney engineered by Selkirk Chimneys. 




Pictured above is the Parker View Lead Lag Panel (PV-LL) Screenshots of four (4) TC Condensing Hot Water Boilers.

Pictured above are four (4) TC1450GO gas/oil Condensing Hot Water Boilers installed at Wayzata Central Middle School.

## Gilead NB355

### TC1450 - Condensing Hot Water Boiler

The owner, Gilead, having such great success with their first (3) TC1450's 9 ppm Ultra Low Nox Condensing Hot Water Boilers told the Design Build Contractor, ACCO, the largest mechanical contractor in CA that they wanted (4) more TC1450's for their NB455 facility. On this project, in lieu of the Honeywell Control Links touchscreens, Siemens LMV 36 Parallel positioning systems were utilized with provision for future master Siemens Lead Lag Control Panel with BAS interface. Many more projects are in the design/submittals stages. 



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