



RELIABLE OILFIELD SERVICES • PRODUCT

Heater Treater Quick-Connect

A complete BMS and fuel train on one stand. Set it. Connect it. Light it.

The quick-connect unit is a shop-built, pressure-tested package: the ROS Wi-Fi BMS and a complete heater treater gas train — ESD, pilot, main, regulators, and control valve — plumbed on a welded steel stand. It's a direct replacement for a Platinum 600 and a plug-and-play swap on Profire-controlled treaters. Because we build the controller, the gas train, and the stand ourselves in Odessa, a unit goes from order to ready-to-set in days — not weeks on a distant OEM's lead time — and your retrofit goes from a day of field fabrication to a few hours of connections.



HEATER TREATER QUICK-CONNECT UNIT — BMS, TOUCHSCREEN, AND COMPLETE GAS TRAIN ON ONE STAND

Days	Hours	12–24V	\$0/mo
BUILT TO ORDER, IN-HOUSE	SWAPPED ON LOCATION	FACILITY DC OR ROS SOLAR	NO CELLULAR FEES, EVER

WHAT IT IS

One skid, everything on it: ROS Wi-Fi BMS with a built-in 10.1" touchscreen, 1" ASCO ESD solenoid, 1/4" Parker pilot and main solenoids, FloPro D2T control valve, regulators and gauges — plumbed, wired, and pressure-tested before it leaves Odessa. Runs on facility 12–24 V DC or a solar power setup we build in-house. Built for oil heater treaters; runs flares and combustors too.

What's on the stand

Every quick-connect unit ships as a complete, tested package — the controller and the entire gas train, on one frame, ready to connect.

- **ROS Wi-Fi BMS controller** in a NEMA 4X enclosure — 10.1" rugged touchscreen sealed in the door, plus local Wi-Fi UI at igniter.local from any phone
- **1" ASCO emergency-shutdown (ESD) solenoid** on the main fuel run — positive gas shutoff on lockout
- **1/4" Parker pilot solenoid** — dedicated pilot gas control
- **1/4" Parker main solenoid** — main burner gas control
- **FloPro D2T main burner control valve** — diaphragm-operated main gas control
- Pilot and main gas regulators with gauges — plumbed, set, and pressure-tested in our shop
- Manual isolation ball valve for safe service work
- Welded steel stand — the whole train arrives plumbed on one frame; set it next to the treater and connect
- Runs on facility power (12–24 V DC) — or an optional solar + dual-battery power package we design and build in-house, mounted on the same stand (panel, batteries, charge controller)



THE TRIM UP CLOSE — ASCO ESD, PARKER PILOT & MAIN SOLENOIDS, FLOPRO D2T, REGULATORS & GAUGES · TOUCHSCREEN IN OIL HEATER TREATER MODE

Specifications

APPLICATION	Oil heater treaters and line heaters (flare and combustor profiles also built in)
CONTROLLER	ROS Wi-Fi BMS — complete burner management, not a monitoring add-on
INTERFACE	Built-in 10.1" rugged touchscreen (IP68/IP69K) + local Wi-Fi UI at igniter.local
TEMPERATURE CONTROL	Oil-bath thermocouple with operator setpoint ("Heat Oil To") and cooldown deadband — holds temperature without nuisance trips
IGNITION	Spark · HEI · glow plug (selectable on the touchscreen)
FLAME PROVING	Thermocouple · flame rod · or ignition electrode as flame rod — selectable, with adjustable flame-rod sensitivity
ESD	1" ASCO emergency-shutdown solenoid on the main fuel run
GAS TRAIN	1/4" Parker pilot solenoid · 1/4" Parker main solenoid · FloPro D2T control valve · regulators and gauges, pressure-tested
POWER	Facility 12–24 V DC · or ROS-built solar + dual-battery package mounted on the stand
TELEMETRY	4–20 mA + 1–5 V analog + dry-contact status — included, SCADA-ready
ENCLOSURE	NEMA 4X controls enclosure on a welded steel stand

SET YOUR OIL TEMPERATURE FROM THE DOOR

Pick the mode (Oil Heater Treater), set "Heat Oil To" in °F, choose ignition and flame proving, and adjust flame-rod sensitivity — all on the touchscreen or from your phone at igniter.local. No laptop, no vendor software, no cell service required.

Replacing a Platinum 600 or Profire? This is the drop-in path.

The quick-connect unit was designed around the two controllers most common on Permian treaters. Your existing field devices — thermocouple, flame rod, ignition — land on a documented terminal map, and the gas train arrives already built, so the old panel's condition doesn't matter.

RUNNING A PLATINUM 600?

The Platinum 600 is no longer featured on the manufacturer's website — and parts and qualified service for a controller in that position only get harder to find over time. The quick-connect unit is a direct replacement: same fired equipment, same field devices, modern controller, complete new gas train. Text a photo of your panel to (432) 227-4106 and we'll confirm the swap scope same-day.

RUNNING PROFIRE?

Plug-and-play. The quick-connect unit lands the same field wiring a Profire install uses — no burner, valve, or sensor replacement required in most swaps. If you're consolidating vendors or standardizing your treater fleet, the swap is a few hours per unit.

How the swap works

STEP	WHAT HAPPENS
Identify	Text a photo of your existing panel and burner to (432) 227-4106. We confirm what you're running — Platinum 600, Profire, or anything else — and what carries over.
Build & test	Your quick-connect unit is plumbed, wired, and pressure-tested in our Odessa shop before it ships — a build measured in days, because we build every piece ourselves. The gas train is set to your burner spec.
Set & connect	The stand sets next to the treater. Connect fuel gas in, pilot and main runs to the burner, land the thermocouple and flame rod — existing field devices reuse.
Light & verify	We commission on-site: prove flame, verify lockout and ESD response, set your oil temperature, and walk your operator through the touchscreen before we leave.

"Platinum 600", "Platinum Control", and "Profire" are trademarks of their respective owners, referenced only to identify equipment Reliable Oilfield Services replaces and services. ROS is independent and is not affiliated with, authorized by, or endorsed by either company.

In the field



SOLAR + DUAL-BATTERY QUICK-CONNECT UNIT RUNNING A TREATER ON A PAD WITH NO POWER



QUICK-CONNECT INSTALL DAY — STAND SET, GAS TRAIN CONNECTED, BURNER WORK IN PROGRESS

Why operators pick the quick-connect

- The fabrication happens in our shop, not on your location — the unit arrives plumbed, wired, and pressure-tested on one stand.
- A treater retrofit becomes a connection job measured in hours, not a panel-building job measured in days.
- Every unit is the same proven layout — techs know exactly where everything is on service calls.
- Controller, gas train, stand, and solar package are all built in-house — nobody in the chain is waiting on an OEM lead time, so a unit is ready in days.
- Power it your way: facility 12–24 V DC, or the ROS-built solar + battery package on the same stand. No trenching, no generator.
- One phone number for the controller, the gas train, and the install: the company that built all three.

Warranty — 2 years, the real kind

- Board and control-electronics defects covered for 24 months from install.
- Installation-related issues covered when ROS performs the install.
- No callout fees for warranty work — if it's covered, getting it fixed doesn't cost you a trip charge.
- Warranty calls hit the same number as everything else: (432) 227-4106. No claims department, no ticket queue.

Get a swap quote today.

Every quick-connect unit is built to order — ignition type, flame proving, power package (facility DC or solar), and trim options set the price, so we quote each build rather than publish a one-size number. Text a photo of your treater's existing panel and burner: we'll identify it, confirm what carries over, and quote your build — same day. Fleet pricing available for multi-treater standardization.

TO QUOTE YOUR BUILD, TEXT US FOUR THINGS

1) A photo of your existing panel · 2) A photo of the burner / firebox · 3) Your power situation — facility 12–24 V DC available, or need the solar package · 4) Fuel gas supply pressure, if you know it. That's everything we need to quote the build on the first message.

PHONE	(432) 227-4106 — text a photo of your panel and we'll ID it
HOURS	6 AM – 5 PM, Monday–Saturday · 24/7 emergency callouts
EMAIL	bphetteplace@reliableoilfieldservices.net
MANUAL	reliableoilfieldservices.com/bms-manual
WEB	reliableoilfieldservices.com/services/ros-bms
ADDRESS	7151 Faudree Rd, Suite 309, Odessa, TX 79765



Scan for the full ROS BMS spec and manual
reliableoilfieldservices.com/services/ros-bms

Reliable Oilfield Services · owner-operated in the Permian Basin. We build our own BMS, build the gas train around it, service every major brand, and stand behind the work for two years.