



FLARE & VAPOR

SYSTEMS CORP

PRODUCE + BE GREEN



**USCG
FLAME
ARRESTORS**



**FLARE
KNOCKOUT TANKS**



GAS TIGHT TANKS



H₂S GAS SWEETENER



BOOSTER COMPRESSION



SOLAR POWERED CHEMICAL PUMPS



FLARE STACKS AND IGNITION SYSTEMS



AND MUCH MORE...



ALL TANK VENTS



COMBUSTION EQUIPMENT

GIVE US A CALL!
1 (956) 589 8832

OR VISIT US
www.favsystems.com

We can supply industry leading quality at very competitive prices!



Is a



Company!



- * Bring new innovative products, processes and services to the petroleum and construction industries.
- * Help industries reduce their impact on the environment while reducing the costs.
- * Supply a consistent flow of quality product to our customers at very competitive price.
- * Educate the younger generation of engineers and managers in a new more efficient and effective way to operate with our products.
- * Work with customers to build their confidence in our company so they will enjoy dealing with us now and in the future.

HOW DO WE DO THIS?

By utilizing the many years of accumulated knowledge and field experience of the key company management team that has a proven track record of identifying, designing, building and taking to market a variety of patented needed product for the petroleum and construction industries.

By utilizing our team of management people that are strong in their accountability and responsive to industry needs and wants.

By utilizing our team of management people that have worked together for many years and trust and respect each others honesty, integrity, work ethics, goals and care for other managers and employees throughout the company. Good companies are good people, good products and good market place.

By utilizing creativity in all aspects of design, operations and problem solving. That is why we are a **"YES WE CAN"** company, we will figure out a way to get a solution sooner or later, we just have to think of every possibility.

WHAT DOES FAV SYSTEMS DO?

FAV Systems is strong in identifying needs for products that keep up to the changing requirements in the petroleum and construction industries. FAV Systems listens to our customers' needs and wants and makes the changes required to meet new environmental and emission standards and also reduce daily operation costs to stay competitive in today's market place.

FAV Systems product line is continuously changing and growing and is easier to understand if viewed on our easy access website that lists and details our spectrum of products. www.favsystems.com

FAV Systems has an extensive list of satisfied customers that can verify the dedication and commitment that we put into everything we do. You can be added to this list just by calling FAV Systems and being a part of the system that is here to serve you.

SPECIALIZED IN PREVENTING FUGITIVE EMISSIONS

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Flare and Vapor Systems Inc. Brownsville, Texas fabrication facility is strategically located on the Brownsville Airport complex; this location offers an easy, quick access for visitors during Quality Assurance reporting. Our Brownsville facility consists of a 30,000 square feet of high roof fabri-cation shop equipped with a down draft paint booth, sand blasting and painting equipment. FAV Systems has complete equipment to fabricate and install insulated foam panel enclosure buildings on our products going to cold climates. We have 5 acres of cement base yard area for logistics move-ment of products coming and going from both the Matamoros, Mexico Fabricating or the Brownsville, Texas location. FAV Systems has products coming in from Canada to re manufacture and we have also sold products going to many points in the U.S. and Canada from this Brownsville Texas operation.



FAV Systemsoperates semi-trucks and trailers, that deliver products to these destinations on specialty trailers or standard step deck trailers, we operate trombone step decks, Tri-axle double drop, 53' step deck and flat decks.

FAV Systems prides itself on making it easy for the customer to get complete services from quoting to delivery.



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FAV Systems Mexico is located in Matamoros, Tamaulipas, on the very bottom tip of Texas. The cities of Brownsville and Matamoros are divided by the border between USA and Mexico. Brownsville is a NAFTA free port city meaning that products flow easily in and out across the border. This location enables FAV Systems to employ quality staff to produce products economically so that we can pass these savings on to our customers. Our stringent Q.C. and training programs insure that every product manufactured in this facility is of the highest quality. FAV Systems Mexico is also engaged in the process of working with PEMEX, Mexican State owned oil and gas producer, to supply their needs for our products into the future as they expand and upgrade their production facilities. The FAV Systems product lines are needed by PEMEX and South American companies that are in the growth stages. FAV Systems Matamoros location is good for shipping to other international locations by ship. The port of Brownsville is equipped to handle these types of shipments.



The FAV Systems Mexico location is a modern 50,000 square foot facility. This location is capable of running three shifts around the clock enabling a good volume of finished product to be completed.



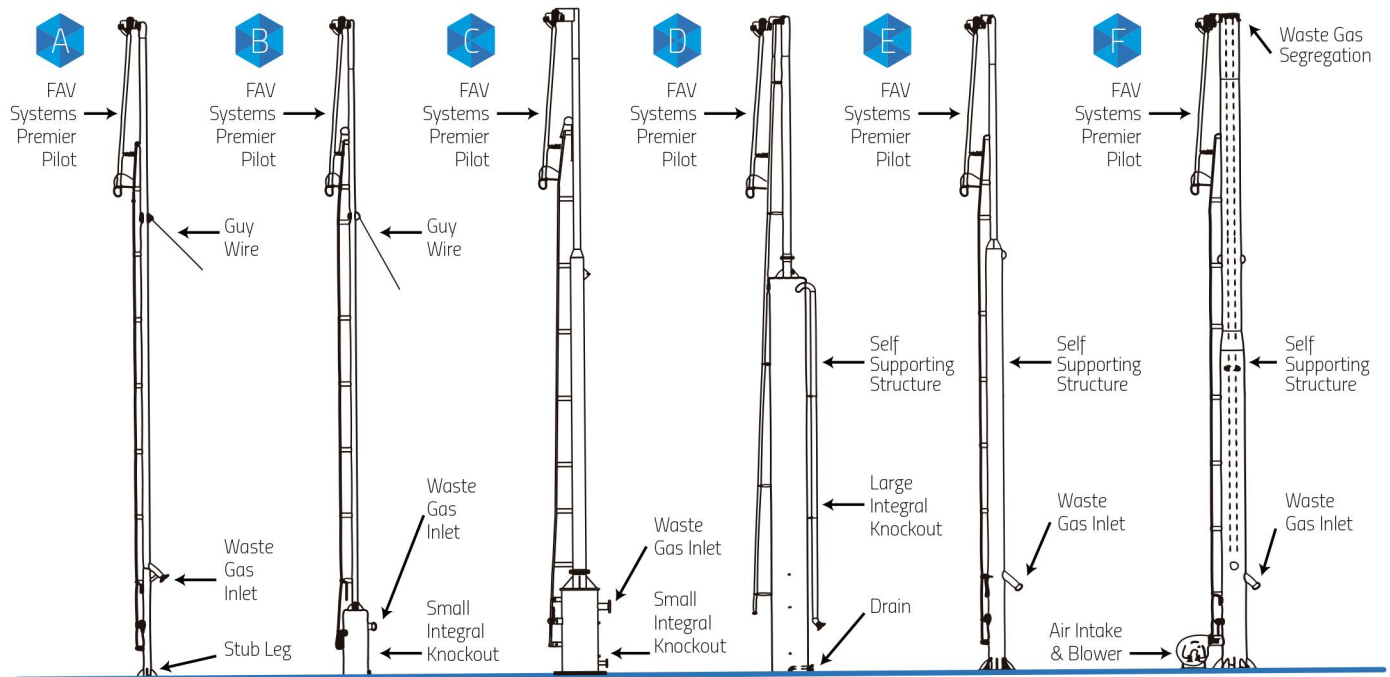
Matamoros location is the main manufacturing facility for products being shipped to the international, Mexico, U.S. and Canadian market place. FAV Systems Canada supplies the technology, quality guide-lines and marketing while FAV Systems Mexico produces high quality products to be distributed around the world. These combined efforts make a very effective combination to serve our customers.



Please consider
**Flare and Vapor
 Systems Inc.**
 For your next project.

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A) Utility Flare Guy Wire Supported. Designed for compressor blow down, emergency pressure release and flows that do not contain any liquid content. They do require a larger footprint due to the guy wire support system and they can be equipped with any ignition option. (Underground or above ground knockouts can be placed in front of these).

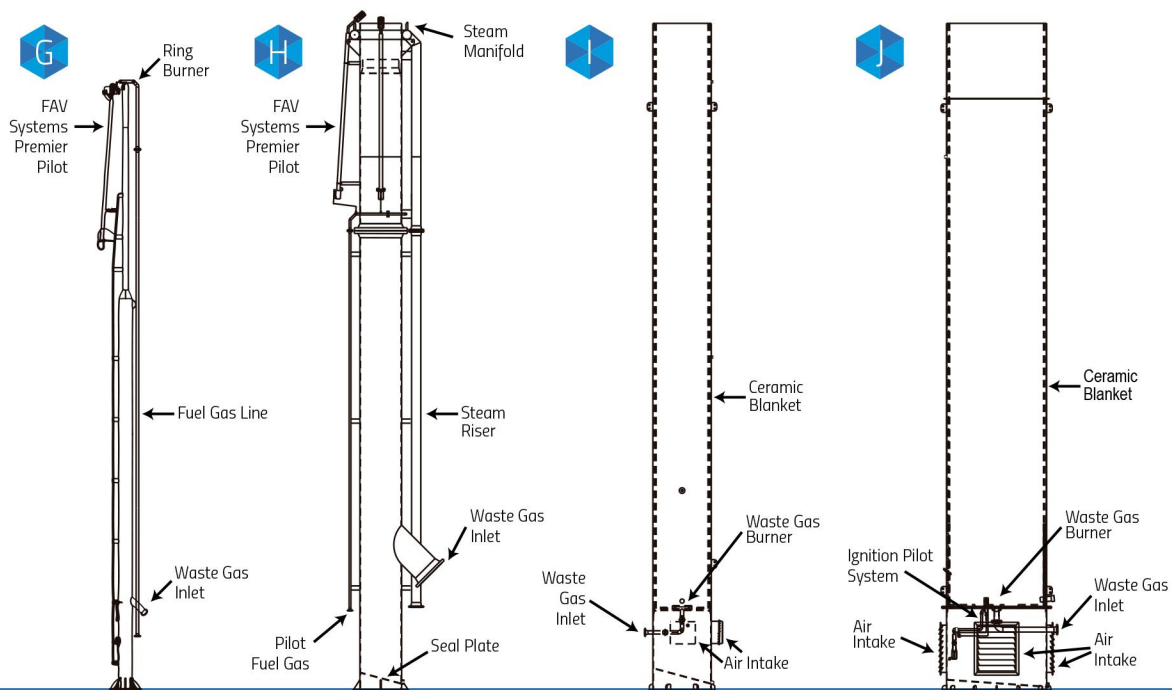
B) Utility Flare c/w Small Integral Base Knockout. Designed for small oil batteries and processes that can generate marginal amounts of hydro carbon or water condensate. These small integral knockouts prevent the riser from freezing frequently from small amounts of condensate and also will retain liquids from spilling onto the surrounding ground area. They do require a larger footprint area due to the guy wire support system and they can be equipped with any FAV ignition system.

C) Utility Flare c/w Small Integral Base Knockout, Self Supporting Design. The Self-supporting design allows for a small footprint in tight spots. Designed for small oil batteries and processes that can generate marginal amounts of hydro carbon or water condensate. These small integral knockouts prevent the riser from freezing frequently from small amounts of condensate and also will retain liquids from spilling onto the surrounding ground area. They do not require a larger footprint area due to self-supporting design and they can be equipped with a FAV ignition system.

D) Utility Flare c/w Large Integral Base Knockout. Designed for gas well locations where high volumes of gas are blown down for maintenance reasons. The large integral base knockout ensures that condensates flowing from the well are contained in the knockout and not sprayed around causing a dangerous condition. The flame stability tabs on the flare tip ensure a stable and dependable flare. These can be guy wire or self-supporting depending on available space and conditions.

E) Utility Flare Tapered Self-Supporting. Designed for applications where there are space restrictions and aesthetics. Most stacks of all types can be self-supporting. They generally cost more because they have more material content.

F) Air Assisted Smokeless Flares. Designed to dispose of heavy hydrocarbons without creating smoke. This is done by using a mechanical drive air blower to force air into the hydrocarbon stream into little channels to allow oxygen influx for better oxygen and fuel ratios. By adding the oxygen needed to get complete combustion you eliminate the smoke because the hydrocarbon molecules burn completely. Smoke is created by unburned hydrocarbon carbon particles.



G) Gas Assist Flares. Designed to supply the right amount of BTU content to generate combustion temperatures needed to thermally destroy waste gas streams. Acid Gas stacks are the prime use of gas assist flare tips. It's more effective to equip acid gas stacks with low BTU gas streams with a ring burner. The ring burner creates a flame envelope at the flare tip. The acid gas must burn through when exiting the flare tip. The ring burner design causes a high turbulence and mixing at the flare tip while maintaining a very stable high temperature flame. Ring burners can save thousands of dollars worth of fuel gas in many applications.

H) Steam Assist Smokeless Flares. Are designed to dispose of heavy hydrocarbons without creating smoke. This is done is by using high-pressure steam to force oxygen into the hydrocarbon stream. The steam assist also works on adding oxygen for complete combustion of hydrocarbon molecule.

I) Incinerators. Are used in many applications where there is toxic or hazardous vapors to dispose of to high levels of destruction efficiency. Incinerators are generally fully automated to maintain temperatures and retention time so that thermal breakdown or conversion can occur. Many substances become safe if they are subjected to thermal destruction. Incinerators are generally custom designed for specific locations, conditions and flow rates. Many configurations are available to address regulations and concerns. FAV Systems Inc. knows how to design, transport and commission these unique systems. Applications where incinerators are commonly found are: Dehydrator Still Column vents, Process by-product vents, Cleaning terminals, etc.

J) Enclosed Flares. Are utilized where there is less toxic vapors and higher volumes of gases to be disposed of. The enclosed ground flare allows internal burning of gases without visible flame from local residents. The enclosed flare also increases combustion efficiency to higher levels such as 99.8% destruction efficiency. Enclosed Flares eliminate smoke and odor problems. Enclosed Flares are generally a simpler design with less controls and more user friendly. Enclosed Flares are generally used in loading terminals, oil batteries, cleaning terminals, production testing and many applications where the residents are annoyed by visible flames. Enclosed Flares are becoming more popular because of their improved combustion efficiency and their reasonable price range.

**IF YOU HAVE ANY SPECIAL REQUIREMENT.
ASK US WE CAN HELP YOU!**



SMOKELESS FLARE TIPS

ELEVATED DESIGN INNOVATION.

BE GREEN/BURN CLEAN.



Smokeless Air Assist
and Gas Assist complete
with Silicon Nitride
Retractable Pilot

Flare and Vapor Smokeless Flare Tip assemblies are designed to convert a smoking stack to smokeless. The principle operation of the units are based on using force to mix oxygen with the flare gas thus enhancing the burning efficiency of the hydrocarbon molecules. These air assist packages can be adapted to existing stacks that are in the field or to new ones being manufactured. So, if your stack is smoking and you would like to be more environmentally friendly, please give us a call and we will calculate the size of the unit that you require.

FEATURES:

- Can be adapted to fit on existing flare stacks that are smoking.
- Unit can be installed on stacks of most diameters.
- Unit can be adjusted to be effective on most flows.
- Custom built systems are available upon request.



Air Assist Off

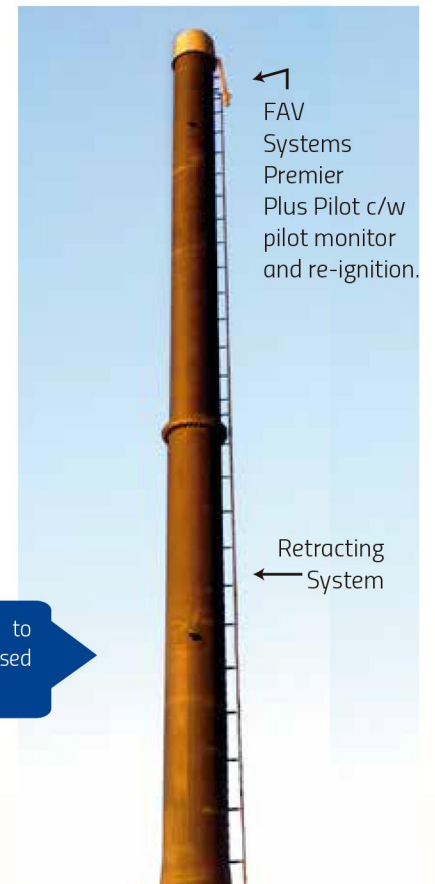


Air Assist On

WE OFFER MANY OTHER METHODS OF ACHIEVING SMOKELESS FLARING

- *Steam Assist
- *Gas Assist
- *Incinerators
- *Spreader Bars
- *Enclosed Combustion

This flare tip was custom engineered to address site specific needs that addressed environmental and public needs.



OUR FLARE TIPS WITH DIFFERENT METHODS OF ASSIST



Steam Assist



Spreader Tip



Air Assist



Multi Flow Air Assist



Purge Reducing Tip - Cut Purge Rates and Burn Smokeless at Low Rates



Stabilizing Utility



Pipe Flare with Gas Stripper



Ring Burner Gas Assist



Steam Assist



Multi Tip



Air Assist



FAV SYSTEMS 360

SECURE-ECOLOGICAL-APPROVED

IT'S TIME TO STOP
SMOKING

SPECIALIZED IN PREVENTING FUGITIVE EMISSIONS

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IGNITION
SYSTEMS

ELEVATED FLARE IGNITION SYSTEMS

THE MOST DEPENDABLE SYSTEMS AVAILABLE.

CHOOSE THE SYSTEM YOU NEED.

V-COOL CLEANER BURN



Brand New V-Cool Flare Tip
Ready to work for Years!



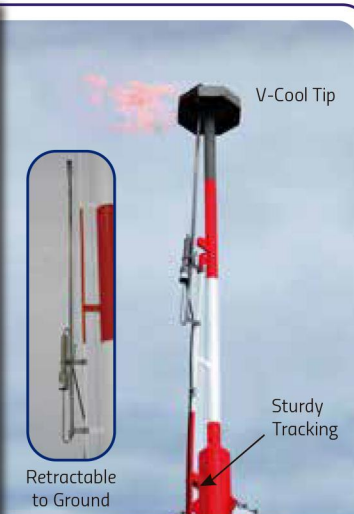
In service for months and there is no flame
lick on flare tip or pilot. (increased
dependability and service life)



Hundreds of Our V-Cool System
in service across the country

PILOTS, MONITORING, IGNITORS

PRO-PILOT: Propane fuel



Retractable
to Ground

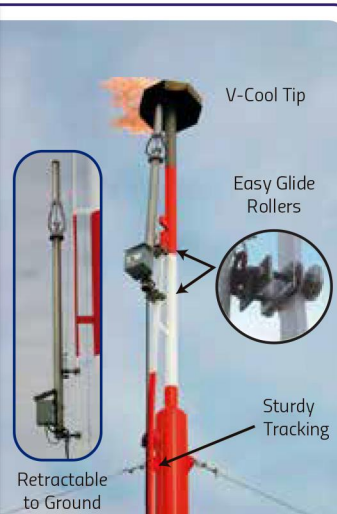
V-Cool Tip

Sturdy
Tracking



CONSUMES
4 LITRES/24 HOURS
(Optional Monitor & Relight)
(Optional Power Input)

ELECTRI-LITE: Solar powered continuous sparking ignitor

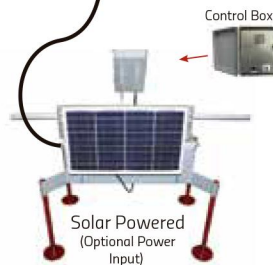


Retractable
to Ground

V-Cool Tip

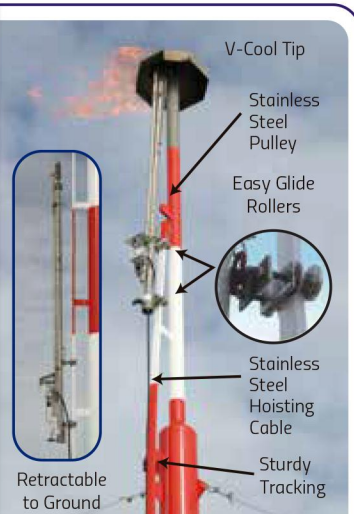
Easy Glide
Rollers

Sturdy
Tracking



Solar Powered
(Optional Power
Input)

F.A.V. PREMIER PLUS: Fuel gas c/w pilot monitor & relight



Retractable
to Ground

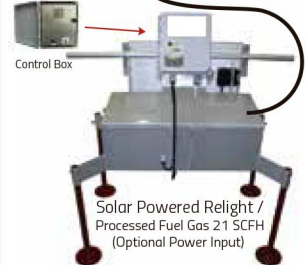
V-Cool Tip

Stainless
Steel
Pulley

Easy Glide
Rollers

Stainless
Steel
Hoisting
Cable

Sturdy
Tracking



Solar Powered Relight /
Processed Fuel Gas 21 SCFH
(Optional Power Input)

Choice of Electrical Classification
General / Class 1 Group 2 / Class 1 Group 1

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STAY LIT CERAMIC BURNER TUBE PILOTS

Manual Ignition.

Piezo Ignitor: The Piezo Ignitor option for the FAV Systems Premier Pilot is a safe and simple way to ignite your pilot without using an open flame outside of the arrestor housing.

Pilot Monitoring & Relite: This option is fully automatic system that monitors the pilot flame. If a pilot outage occurs, the system instantly re-ignites the pilot; and once the flame is detected, the solar system returns to standby.

Pilot Monitoring, Relite and Shutdown: This option offers all the Pilot Monitoring & Relite features mentioned above, as well as the shutdown option.

Class 1 Div1 Locations



LONG REACH HAND HELD FIRE TUBE PILOT IGNITION



The FAV Systems Long Reach Ignitor protects you and your personnel from burns. The FAV Systems Long Reach Ignitor is a must for lighting pilots and burners on all types of heating equipment.

These units are easy safe to operate and eliminate the burns which occur from misuse of gasoline and rags. Easy to follow directions are supplied with each unit.



**FAV SYSTEMS OFFERS MANY
OTHER IGNITION SYSTEMS.
ASK US TODAY!
USA. +1 (956) 312 9252**

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DETONATION ARRESTORS

Most Detonation Arrestors (DA) manufacturers use conventional crimped ribbon FA cells and simply stack multiple cells together. FAV Systems spent countless hours of research to develop a patented alumina ceramic media system. The oxidization and corrosion-proof beads act as a maze to the flame, allowing total protection and the longest continuous burn rating in the industry.

BENEFITS:

- Replacement elements are easy to maintain.
- Cleaning/reconditioning restores to original pressure drop.
- USCG and CSA approved and accepted.
- Withstand up to **2 hours continuous burns!**

THE PATENTED FAV SYSTEMS FLAME QUENCHING CELL



- *Entire cell removable.
- *Stacked plate grid.
- *Alumina ceramic bead media.
- *Totally resistant to oxidization or corrosion.
- *Acts as a maze to the flame.
- *Drops temperature to below ignition point of vapour.



Removable Flame Cell

FAV SYSTEMS OFFERS CONFIGURATIONS TO SUIT YOUR NEEDS



Offset
Dual
Flange



Inline
Single
Flange



Inline
No Flange

END OF LINE IN LINE SINGLE FLANGE MODELS



EOL ILSF - B
c/w HOOD



EOL ILNF
c/w 180°
Discharge



EOL ILSF-B
c/w 180°
Discharge



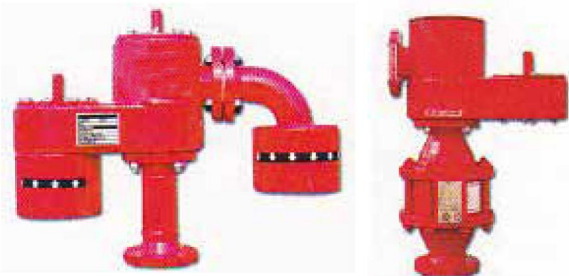
EOL ILSF - B
c/w 180° Discharge
and Flame
Suppression Unit

BREATHER VENT



The **Flare and Vapor Systems Inc. End of Line Detonation and Standard Flame Arrestors** can be arranged in many different configurations. We can configure these units using USCG accepted Detonation Flame Arrestors, CSA witnessed Detonation Flame Arrestors, Deflagration Flame Arrestors or high grade flame arrestors. Shown here are a few of the different configurations from which to choose.

P.V.R.V. c/w FLAME ARRESTOR ON INLET & OUTLET



FAV Systems can assemble a variety of products upon your request. These sizes range from 2" to 12", and come in CS, 304 S.S., 316 S.S., Hastelloy, etc. These units have USCG acceptance and CSA verification of performance. These approvals assure that your products will be protected from fire and explosion. Flow curves and gas classifications are available upon request.

DO YOU HAVE A SPECIAL REQUIREMENT THAT WE CAN CONFIGURE?

FLAME (DEFLAGRATION) ARRESTORS

FAV Flame Arrestors (FA) utilize a crimped ribbon aluminum or stainless steel cell to protect against rapid burn backs in low-pressure situations. Custom sizes and configurations are available to match any application including end-of-the-line units.

Note: Flare and Vapor Systems Inc. recommends that any crimped ribbon flame arrestor be located within 10 pipe diameters of the potential ignition source in order to perform effectively. Greater distance allows for flame front propagation to achieve sonic velocity and may traverse conventional flame arrestors. Detonation arrestors are recommended in these circumstances.



Crimped Ribbon Elements

FLAME SUPPRESSION

The flame suppression of the Detonation Arrestor halts the initial flame front, and the FAV Systems Flame Suppression kills it.



- *Pneumatic heat probe detects temperature rise.
- *Pneumatic valve is opened.
- *Activates a Kimray motor valve (normally closed).
- *A flood of gas nitrogen supply is injected into the arrestor.
- *Instantly smothers the flame.
- *Can be adapted to fit any DA, FA.

BURNER ASSEMBLIES

- *Burner/Flame Arrestor combination
- *Light weight, compact, user friendly
- *6 to 24 inch inlet sizes available
- *Proven arrestor technology
- *Various ignition/monitoring options



Single Burner



ENGINEERS AND MANUFACTURERS OF INDUSTRY LEADING EQUIPMENT

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VAPOR CONTROL

HELPING STORAGE SYSTEMS CONTAIN THEIR PRODUCTS FOR A CLEANER ENVIRONMENT.

TANK RELIEF VENTS



Emergency Pressure Relief Vent



Pressure/Vacuum Thief Hatch



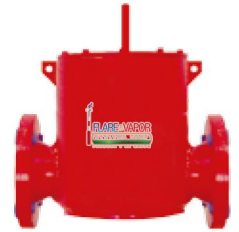
Pressure/Vacuum Pipe Away



Vacuum Only Side Mount



Pressure Only Pipe Away



Pressure Only Pipe Away In Line Model

Carbon Steel Models Shown - Aluminum or Stainless Steel also available



Gauge Hatch



Right Side Up Thief Hatch



Pressure/Vacuum To Atmosphere



Vacuum Only Roof Mount



Pressure Only To Atmosphere

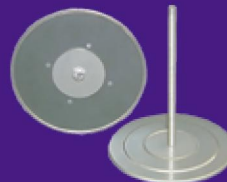
FEATURES

Pressure-Suspended Pallet



- *316 stainless steel, laser cut accuracy
- *Set –points as low as 0.5 oz/square-inch

Unique Diaphragm Design



- *Various elastomers (ie, Viton, Teflon, etc.)
- *Breather-hole patent improves sealing.

GORE-TEX Joint Sealant



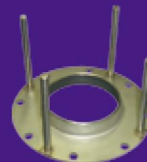
- *Replaces conventional rubber gaskets.
- *Superior sealing, chemically resistant.

One-Piece Body



- *Welded (not die-cast)
 - Best for cold weather
- *Carbon, Stainless, aluminum
- *API or ANSI standard bolt patterns available

Precision Machined Seats



- *316 stainless steel, laser cut accuracy.
- zOne –Piece Guide Rod Assembly**
- *316 stainless steel welded to base plate.
- *Won't get jammed.
 - Easy to maintain/install

Multiple Bolt Lids



- *Prevents uneven pressure buildup.
- *Laser cut for 100% accuracy.
- *GORE-TEX Sealed.

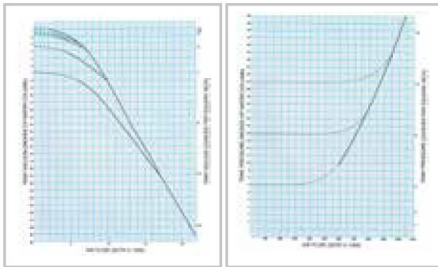
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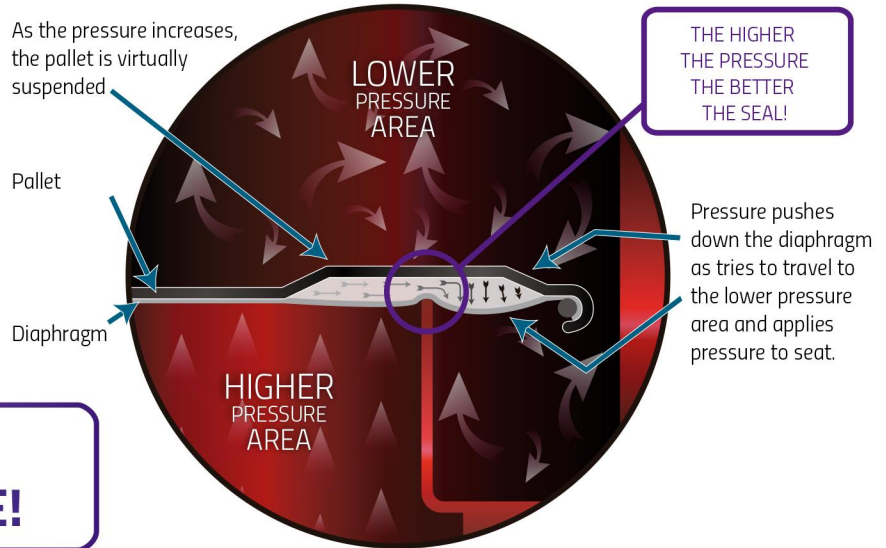
www.favsystems.com

THE COUNTER FORCE PRESSURE-SUSPENDED VALVE ASSEMBLY

Flare and Vapor systems Inc. manufactures a wide range of tank relief vents and accessories, all guaranteed to deliver the industry's lowest leak rates, extremely accurate set points, and extended life expectancy. At the heart of all FAV Systems vents is our patented technology, the counter-force pressure-suspended valve assembly.



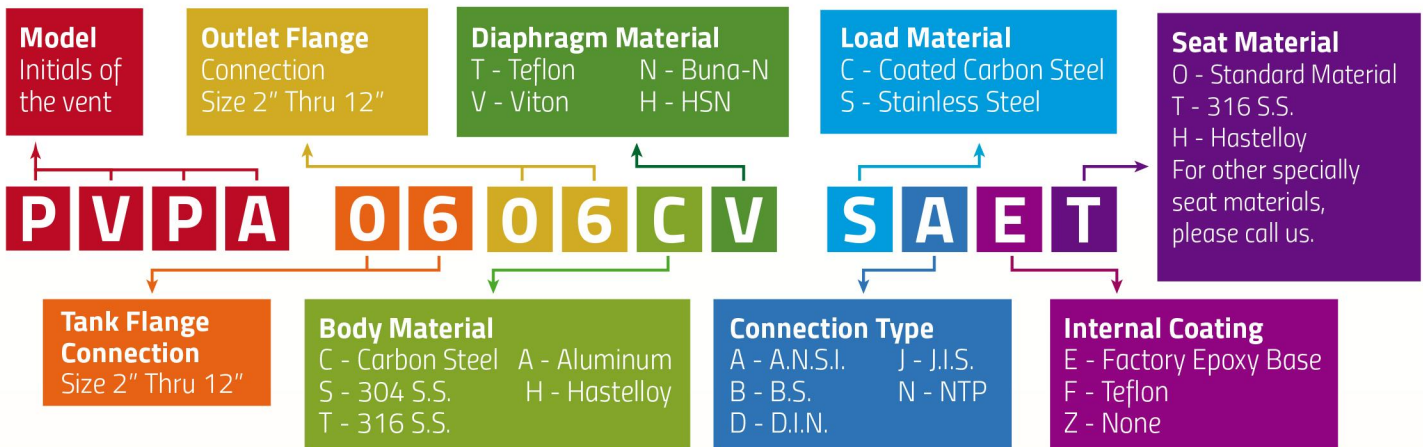
Flow Curves Available for any size or setting



**UP TO 10 TIMES
LOWER LEAK RATE!**

HOW TO ORDER

The following diagram illustrates how to fill out an order for an End-of-Line Pressure/Vacuum Relief Vent with Pipe-away Construction. The vent has 6" Connection Flange, 6" Pipe-away Flange, Viton Diaphragm, is Weight Loaded with a Steel Weight, and a Factory Epoxy Base Internal Coating.



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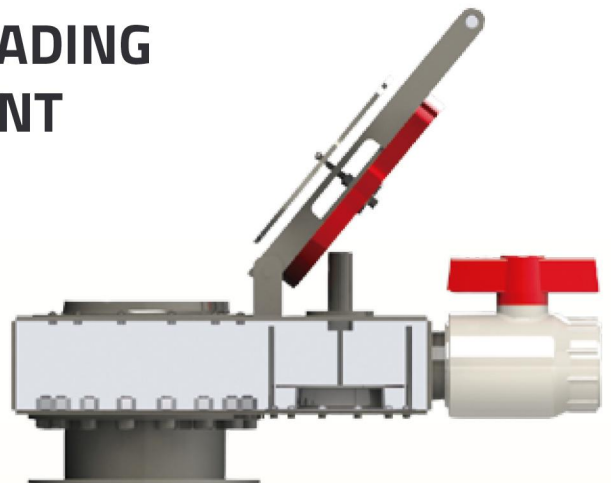
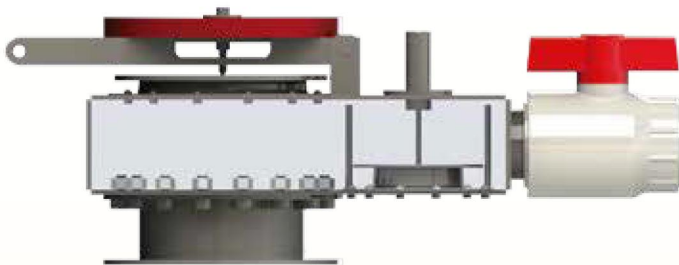


RENDERS 3D DRAWINGS
INNOVATION AND EXCELLENCE IN ALL OUR PRODUCTS.



D.W.T.H. Dead Weight Thief Hatch

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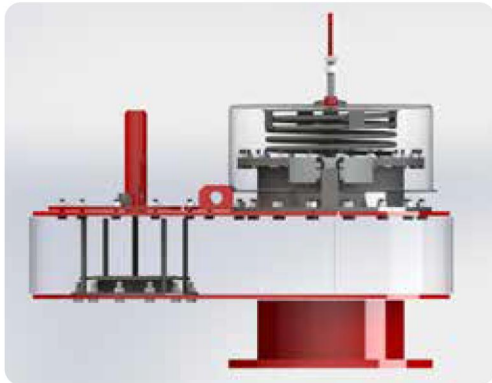
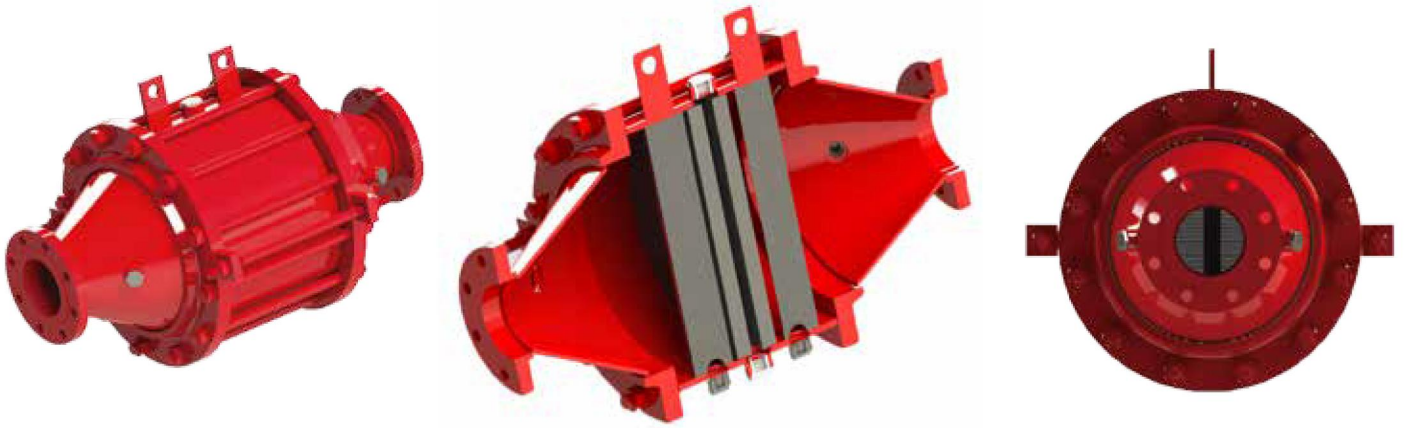
HIGHEST QUALITY!

GREEN TECHNOLOGY!



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**LEADERS IN VAPOR CONTAINMENT
AND COMBUSTION. FAV SYSTEMS
TECHNOLOGY FOR EVERY BUDGET.**

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PRODUCTION EQUIPMENT SUPERIOR IDEAS FOR LESS MONEY.

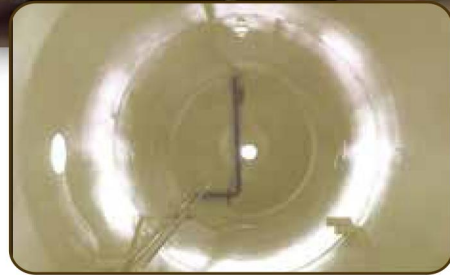
GAS TIGHT TANKS **MEGA SOLUTIONS** FOR YOUR BIGGER NEEDS

- *Ideal for single-well oil or water storage
- *Totally sealed system
- *No vapor recovery needed

Capacity 800, 1000, 1200 BBL
14.9 PSI Operating Pressure



- *Ideal for single-well oil production or water storage
- *Totally sealed system
- *No vapor recovery needed



Full or partial coatings can be applied to any FAV containment system

GAS TIGHT PRODUCTION TANKS ARE ALSO AVAILABLE AS A "TANK ONLY" OPTION

GREAT FOR CRUDE AND CONDENSATE STORAGE



FAV SYSTEMS 360
SECURE-ECOLOGICAL-APPROVED



SPECIALIZED IN PREVENTING FUGITIVE EMISSIONS

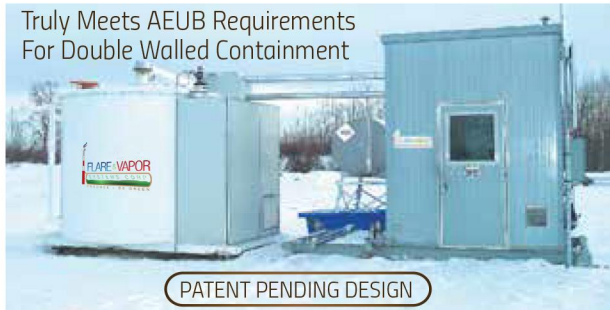
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ANTI-SIPHON TANKS

COMPLETE CONTAINMENT VERTICAL TANKS.

STANDARD SKIDDED TANKS

In Steel, Internal Coating (Optional) in 50, 100, 200 BBL sizes



Truly Meets AEUB Requirements
For Double Walled Containment

**WE WENT OVER THE TOP TO
CONTAIN YOUR LIQUIDS - SAFELY**

**NO SECONDARY CONTAINMENT
REQUIRED, MEETS G55!**

At FAV Systems we have manufactured a number of special and unique tank designs over the years. Our engineers took the best features of many designs and consolidated them to develop the line of Anti-Siphon Vertical Tanks. We considered primary tank integrity, insulation effectiveness, tank durability, appearance, freezing problems, user friendliness and economy when designing the Anti-Siphon Tanks. The Anti-Siphon patent pending design addressed all of these issues and is available at a reasonable price.

FAV Systems patent pending, all over the top design for all inlet and outlet connections leaves no weld connections in the primary tank in the liquid storage area. All of the inlet and outlet connections go over the top. Our Anti-Siphon load line has a high point valve that can be closed when taking a load of liquid out of the tank. Once the liquid is removed from the tank the valve can be opened so that the load line can be sucked completely clean of fluids, leaving it empty so it does not freeze, and it is free when you come to get your next load. There is no load line valve used because of this feature. When you are done loading you just snap the cam lock cover on the load line and you are done. For Sour applications a load line valve is required.

Because we install 2" of fiberglass insulation between the primary and secondary tank you get good insulating value and the outside of the tank can be painted so it has a very nice, long lasting appearance. If you want secure, safe, affective non-freezing, good looking tanks, you need to purchase FAV Systems Anti-Siphon Tanks.

ANTI-SIPHON UNDER-FLOOR HEATING SYSTEM

EFFECTIVE, EVEN DISTRIBUTION FOR MAXIMUM HEATING POTENTIAL



- *Sealed, insulated under-floor heating area
- *12,000 BTU catadyne heater(s)
- *Air intake and venting are designed and built right in
- *Circulated heat rises through steel or plastic tanks
- *Advanced FAV Systems engineering just works!
- *Maximize your heating ability

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www.favsystems.com

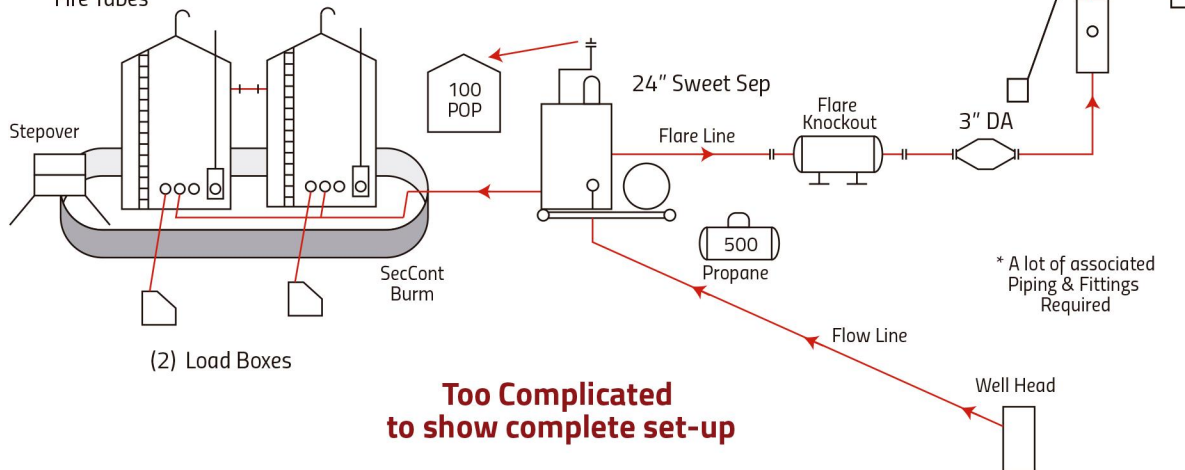
OLD CONVENTIONAL SINGLE WELL BATTERY

EXPENSIVE AND VERY COMPLICATED.

Conventional Single Well Battery (Sweet)

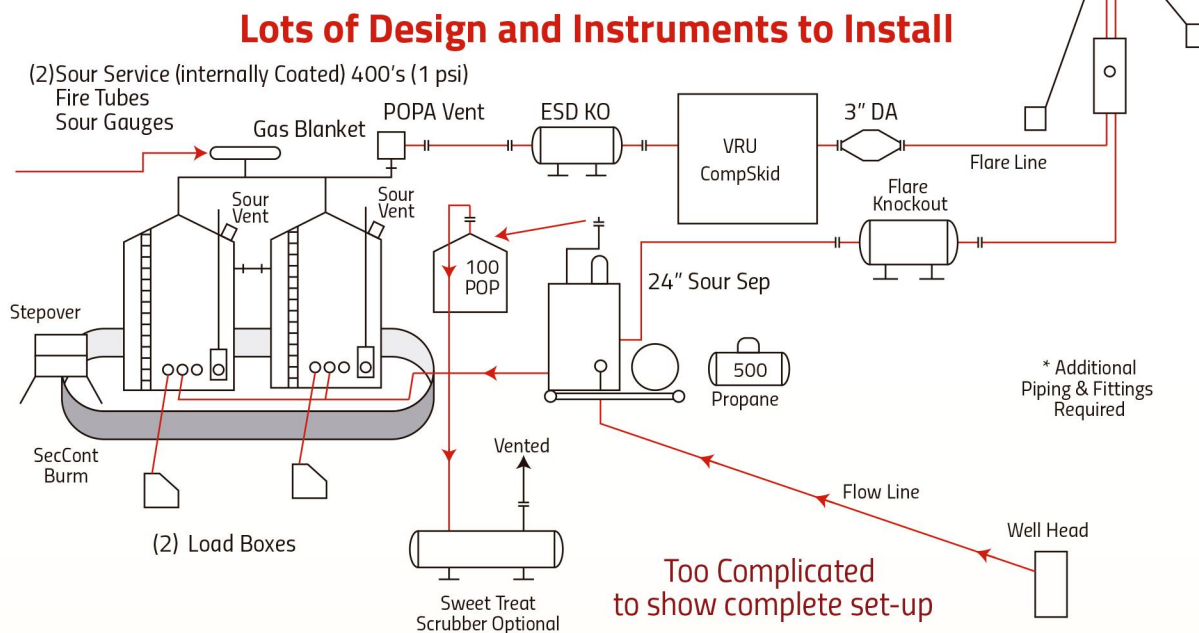
- * 3 to 4 Manufacturers & Supply Companies to Pay
- * Instrumentation Tech's Costs
- * Assembly Crew Costs
- * Several Days or Weeks to install

(2) Sweet Service 400's (1 psi)
Fire Tubes



Conventional Single Well Battery (Sour)

- * 4 to 5 Manufacturers & Crews involved \$\$\$
- * Complex Layout & Lease Planning
- * Several Days or Weeks to install



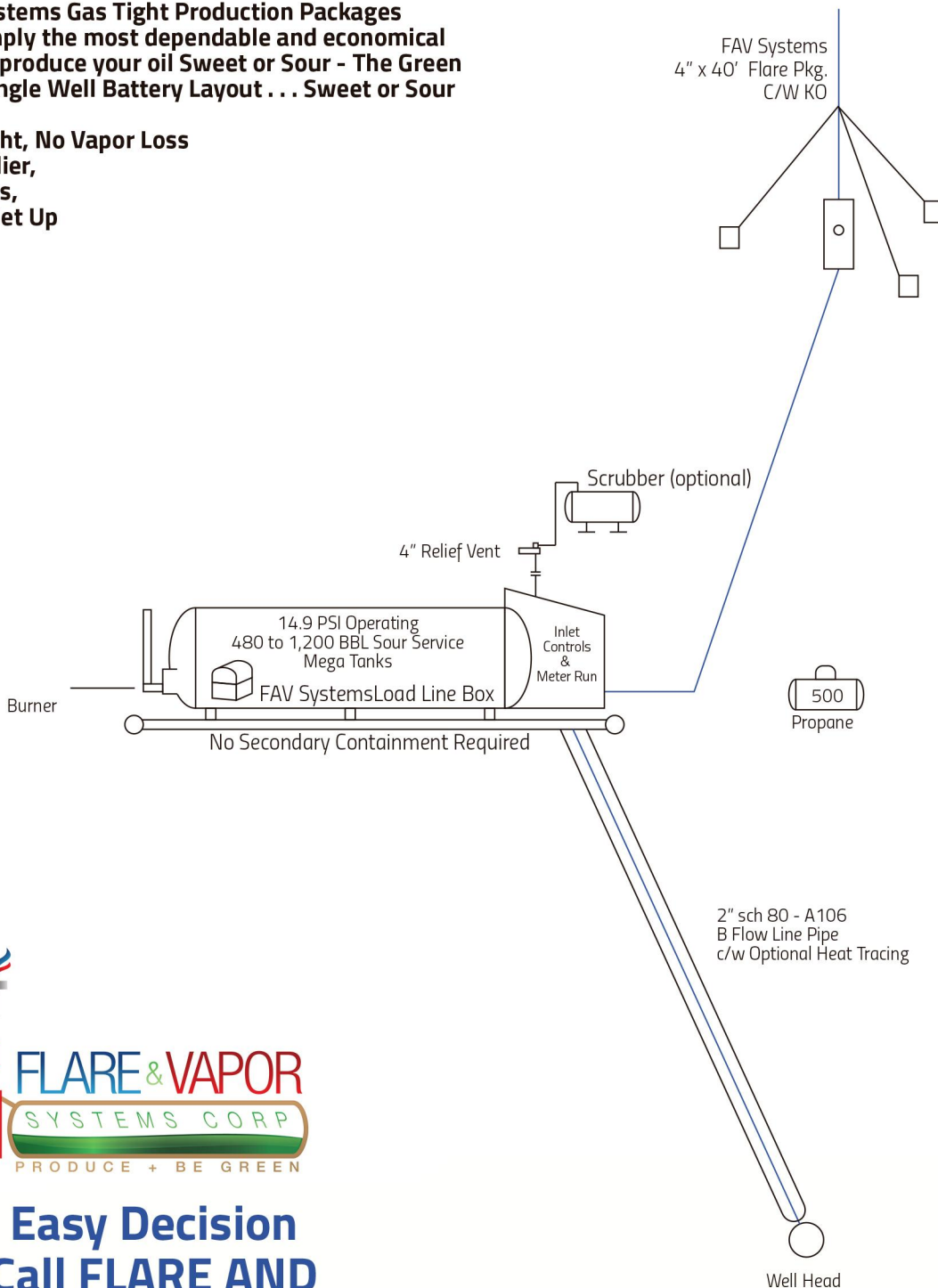


FAV SYSTEMS GAS TIGHT COMPLETE SITE PACKAGES

GREEN, CLEAN, SAFE AND SIMPLET Systems.

FAV Systems Gas Tight Production Packages
 Are simply the most dependable and economical way to produce your oil Sweet or Sour - The Green Way Single Well Battery Layout . . . Sweet or Sour

Gas Tight, No Vapor Loss
1 Supplier,
2 Trucks,
1 Day Set Up



Easy Decision
Call FLARE AND
VAPOR SYSTEMS!

SPECIALIZED IN PREVENTING FUGITIVE EMISSIONS

Contact: 1 (956) 589 8832

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TANKS
AND
OPTIONS

FAV SYSTEMS CONTAINMENT TANKS

COMPLETE CONTAINMENT SYSTEMS FOR EACH APPLICATION.

INSULATED & HOUSED WATER DEGASSING AND RE-INJECTION PACKAGE



- *Positive pressure units
- *Eliminates risk of sour vapours on location
- *For rental or purchase.

- *Perfect for completions, workovers or assessments
- *Complete safety features as standard equipment

STANDARD KNOCKOUT TANKS

DOUBLE WALLED: Below or above ground.



St. sizes: 25, 50, 100 bbl

FEATURES

- * Inlet/outlet sizes vary by capacity
- * 6-inch still well for level indication
- * 3-inch pump out stinger
- * 3-inch spare
- * 2-inch secondary containment monitor stinger & vacuum relief
- * 10-foot connection extension (underground only)
- * Varying nozzle sizes

SECONDARY CONTAINMENT: Above ground.



St. sizes: 4, 25, 50, 100 bbl

FEATURES

- * 3-inch Inlet/outlet
- * 3-inch spare
- * 2-inch NPT spare
- * 2-inch NPT pump out

FEATURES 25-100 BBL

- * Inlet/outlet sizes vary by capacity
- * 6-inch float bridge with sight glass - c/w 2-inch connections
- * 3-inch spare
- * 2-inch drain
- * Level switch connections

SHELTERED SECONDARY CONTAINMENT: Above ground.



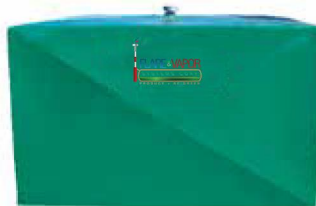
St. sizes:
4, 25, 50, 100 bbl

FEATURES

- * Same as secondary containment (left model)
- * Adds 2" thermal panel Galvalume building

CHEMICAL TANKS - DOUBLE WALLED

FULL OR PARTIAL COATINGS
CAN BE APPLIED TO ANY
FAV CONTAINMENT
SYSTEM



- *500 or 1,000 gallon capacity
- *Includes level gauge and vent
- *Used in conjunction with methanol injectors
- *No secondary containment required
- *Optional stand available

SPECIALIZED IN PREVENTING FUGITIVE EMISSIONS

Contact: 1 (956) 589 8832



COMPLEMENTARY EQUIPMENT SOLVING TYPICAL PROBLEMS.

ACCU-SET GAS BLANKET CONTROLLER

- *Decrease in tank pressure triggers a diaphragm-controlled micro-valve
- *Actuates control valve in blanket gas supply line
- *Tank pressure rises, supply cuts off
- *Extremely accurate, repeatable set points
- *Pressure or vacuum units available; sensitive to ¼ in water column and up

Operates at 15 PSIG



AUTO-PURGE VALVE ASSEMBLY

- *Eliminates air intake into storage or knockout tanks during draining or truck loading
- *Purge valve automatically opens/closes with load line valve
- *Makeup gas (not air) replaces displaced fluid
- *Reduces corrosion and risk of explosion

VAPOUR TRANSFER SYSTEMS

FAV Systems manufactures units to transfer breakout vapors from production or storage tanks. Gases can be flowed back into the system or discharged to stacks and venting headers.

Safety Advantage

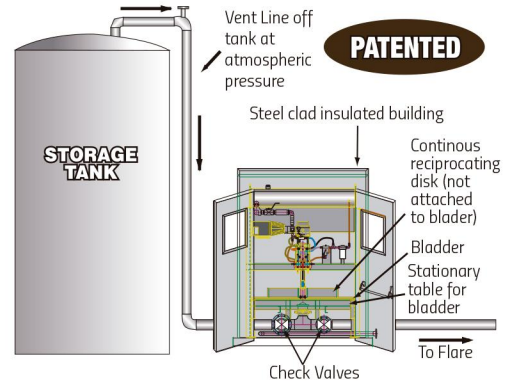
- *Tank top longevity (no air intake)

Operating Advantages

- *Self governing at minimum pressures
- *Minimizes purge, drive gas consumption



Vapour Transfer Pump



DRIP CHEST

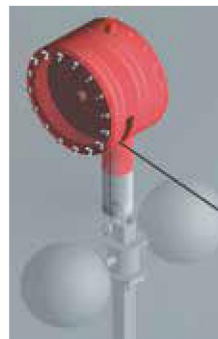


- *Compact
- *Strong
- *Economical

- *Catches leaks during connecting and disconnecting of suction hoses to load lines.
- *Integrated into load line for solid connection.
- *Compact, secure and easy to use.



STAYS-TIGHT GAUGE CABLE SEAL



Vapour tight sealed unit

- *For external reading of tank level
- *Suited for toxic conditions
- *Zero vapor loss
- *Components: cable seal, float assembly, gauge board
- *High quality stainless and carbon steel construction



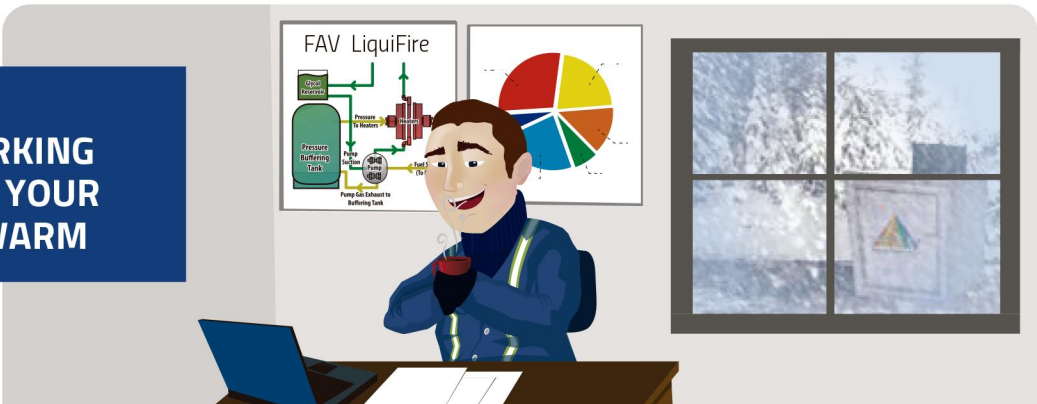


FREEZE PROTECTION

LIQUI-FIRE HEAT TRACING

PUTTING THE HEAT ON HARSH WINTER CLIMATES.

**RELAX...
LIQUIFIRE WORKING
WELL KEEPING YOUR
EQUIPMENT WARM**

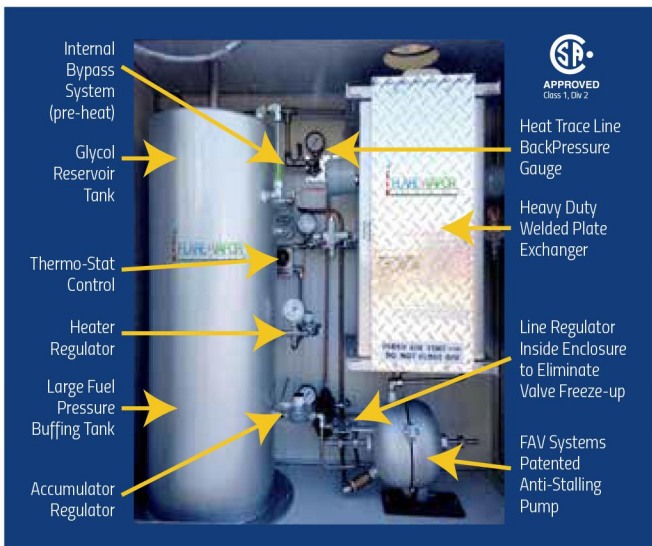
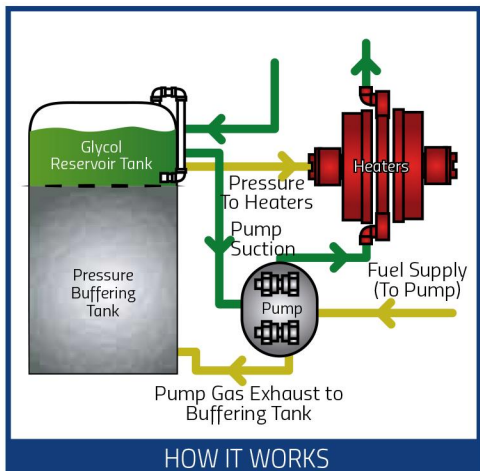


FAV Systems Complete containment systems for each application FAV Systems has taken action and developed a full line of freeze protection products for battery and field sites.



Protect sensitive lines, tanks, equipment

- *Circulates heated glycol up to 400 feet through flexible heat lines.
- *FAV Systems designed and patented pressure pump recirculates glycol.
- *Two 12,000 BTU catadyne heaters.
- *No onsite power required.
- *Portable, easy to setup.
- *Dry heat – no condensation or corrosion.
- *Environmentally friendly.



**APPROVED
Class 1, Div 2**



FAV SYSTEMS 360
SECURE-ECOLOGICAL-APPROVED



SPECIALIZED IN PREVENTING FUGITIVE EMISSIONS

Contact: 1 (956) 589 8832



FREEZE PROTECTION

THE BEST EQUIPMENT, FROM THE EXPERTS IN WINTER. NO MORE FROZEN EQUIPMENT!

VAPO-RISER

Keep flowing... keep going!

We know that propane tanks hate the winter cold. When temperatures drop, so does propane's ability to produce vapors. FAV Systems Vapo-Riser is an innovative tank heater designed to stop freezing before it stops you. The FAV Systems Vapo-Riser is economical, efficient, and comes with all the hardware needed for easy installation. Call FAV Systems for quote today and stop the winter cold.



Mounts directly onto all propane tank sizes

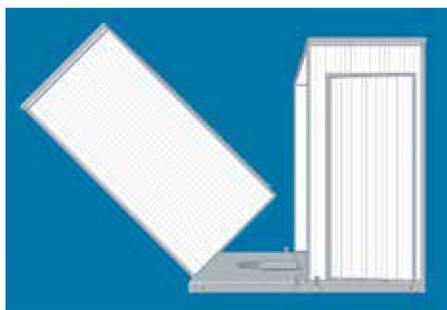


Total enclosure model available

- *Directs radiant heat onto propane tanks
- *Constant vaporization means continuous pressure for instruments and controls.

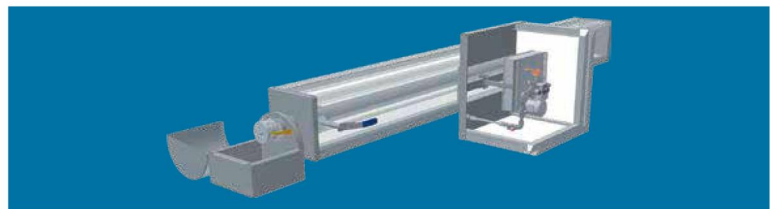
BRIGHT SITE SHELTERS

Better building for better well sites



Clamshell door can open for full access

HOT LINE & HEAT LINK SYSTEMS



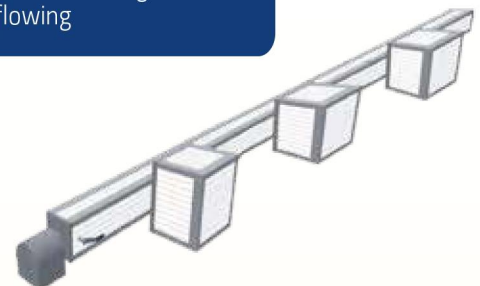
- *Encloses load and flow lines with heat.
- *10, 20, and 30 foot sections.

FAV SYSTEMS FREEZE PROTECTION EQUIPMENT FEATURES

- *R7 Insulated panels and enclosures
- *12,000 BTU explosion-proof catalytic heaters
- *Fueled by propane or available natural gas
- *Saves money on methanol or thawing crews
- *Keeps lines and profits flowing



FAV SYSTEMS 360
SECURE-ECOLOGICAL-APPROVED



SPECIALIZED IN PREVENTING FUGITIVE EMISSIONS

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CONSERVE & SELL
YOUR GAS
LET THE SUN
WORK FOR YOU

The need to reduce emissions and operating costs while increasing dependability has encouraged injection pump manufacturers to design and build a variety of Solar Powered injection systems. Most manufacturers followed the same design criteria that the first pump manufacturer brought to the market.

This design utilized a very fast RPM and a very short stroke. These pumps work in southern climates or warm weather conditions while using very light fluids such as methanol. The problem here in Canada is that because we do experience cold weather conditions, and we use thicker chemicals like de-waxing and corrosion inhibitors, which in cold weather get thick and slow moving, most of these previously designed, high RPM, very short stroked pumps cavitate and the check valves float, rendering them useless in cold climates.

The Accu-Rate pump is based on the extremely dependable crankshaft and connecting rod mechanics that move most things in this world. This design allows us to slow down the RPM to one quarter or less the speed of our competitors while increasing the stroke length to six times that of the competitors to create the solution needed to pump heavy fluids in cold weather without cavitating or losing prime. Our patent pending constant bleed system insures dependability, reduces check valve floating, and increases the accuracy of the injection rate to save on our customer's chemical costs while preventing structural damage due to failing injection rates, which do not protect the metal. For low volume, high accuracy applications, the (Bull Low) option will give you very low rpm and very high accuracy that no other pump of this style can offer.

The Accu-Rate system is CSA approved, making it a straight forward installation on your site. 110 Volt, micro diesel driven units also available for far north locations with limited sunlight or for high injection rate locations. Other voltage inputs are available upon request. Once you see and use one, you'll agree it's the best on the market.

**SAY GOOD BYE TO LEAKING
SEALS AND DOWN TIME**

No Seals Pump Heads (Submersable Design)



Capable of Pumping from 0 PSI to 3,000 PSI on Volumes of 0 to 300L (determined by site condition)

SPECIALIZED IN PREVENTING FUGITIVE EMISSIONS

Contact: 1 (956) 589 8832


NO SEALS DESIGN / NO LEAKING SEALS / NO ENVIRONMENT PROBLEMS

SINGLE WALL STEEL TANK



-500 Gallons.
-With sealed secondary containment.
-12 V, Solar powered pump.

DOUBLE WALL PLASTIC TANK



500 Gallons
12 V, Solar powered pump

DOUBLE WALL STEEL TANK



500 Gallons
110, V Accu-Rate pump



FAV Systems Accu-Rate Control Panel



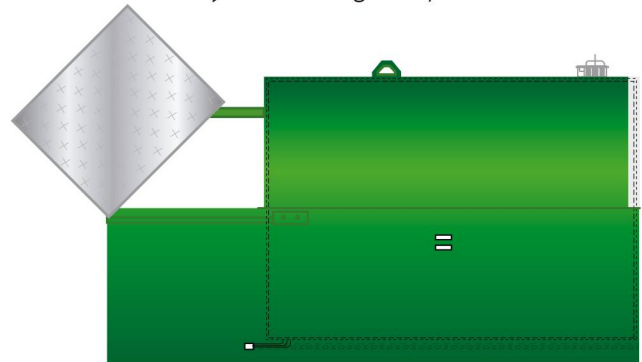
No Seals 3D Pump

FEATURES

- * No Seals Design
- * All piping sight glass, pump inside sealed secondary containment
- * Adjustable RPM ratios depending on injection rates & ensures injection rate accuracy
- * Long, slow strokes for check valve efficiency
- * Accurate & dependable, no chemical over run
- * Solid state relays to eliminate contact welding & chemical over run
- * Operator friendly analogue controls
- * Daily visual volume confirmation
- * Low profile design, safe to fill
- * Quick and simple prime and purge pump
- * Many more features not noted
- * CSA Approved

CONTAIN ALL POTENTIAL SPILLS

FAV Systems Secondary Containment Chemical Tanks
(It just doesn't get any better)



The FAV Systems Contain All Chemical Tank contains all fitting tubing, filter, sight glass and any other potential leak problems that often secondary containment tanks do not. If your goal is to contain all chemical leaks you need to incorporate the FAV Systems Contain All Chemical Tanks on your locations, because it does not get any better.

For design volumes materials and configurations, please give us a call. Any volume and split compartments are available.

Just Call !!

SIMPLY THE BEST CHOICE!



THIS DESIGN ALLOWS US TO SLOW DOWN THE RPM TO ONE QUARTER OR LESS THE SPEED OF OUR COMPETITORS

SPECIALIZED IN PREVENTING FUGITIVE EMISSIONS

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COMPRESS X-PRESS BOOSTER COMPRESSOR.



Powered by natural gas from the wellhead 



Skid Mounted units are also available with many of the same features



Spacious Interior Layout

Compress X-Press Benefits

- * Significant cost savings
- * Easy to transport and setup
- * Separate engine and compressor compartments eliminates risk of fire/explosions
- * Greatly reduced noise and vibration
- * Complete safety shut down system for peace of mind

The natural gas is filtered FOUR times before entering the engine intake manifold, ensuring a clean and reliable fuel supply to the driver.

MODEL	CE-300K	CE-600K	CE-1200K
HORSEPOWER	50 bhp	100 bhp	175 bhp
CAPACITY*	300,000 SCFD	600,00 SCFD	1.2 MILLION SCFD
GAS TYPE	Sweet, scrubbed		

*Depending on pressure differential (can produce more)

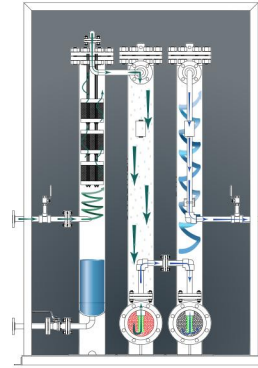
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FUEL GAS SCRUBBERS & CONDITIONERS

Keep controls, heaters and pilot systems fed with clean, dry, sweet gas

- *6 inch lightweight aluminum towers
- *3, 4 or 5 foot tall towers
- *1 inch gas inlet and outlet
- *Unique FAV Systems sweetening/drying system
- *Easy recharging



STILL COLUMN VENT CONDENSER

Reduce odors and BTEX venting to atmosphere



FEATURES

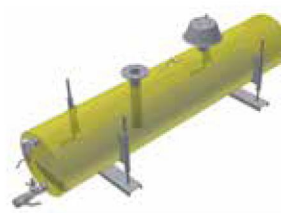
- * Heat energy creates a continuous vertical draft in duct
- * Steam enters condenser and heats pipe
- * Upward draft draws cool air into the base creating a cooling cycle
- * Liquids condense, drop and run into the tank
- * Constant cooling action
- * Works in all weather conditions
- * Options:
 - Manual air intake damper
 - Electric or hydraulic fans
 - Variable sizing

SOUR GAS TREATING SYSTEM

Eliminate fugitive odor problems

- *Sour vapors enter the tank's top inlet
- *Gas released on tank bottom through a special scrubbing liquid
- *Gas is filtered through multiple exit holes in a perforated plate
- *Once sweetened, the gas can be safely vented to atmosphere
- *Spend liquid is easily replace once fully saturated
- *Custom sizes available

FAV Systems will assist with your configuration



Sweet Treat 150 gallon Size (24 inch x 10 foot tank)



LITTLE STINKER

Gas line odorizer

Sweet natural Gas is colorless and odorless; therefore dangerous to work with since people cannot naturally sense it. The Little Stinker solves this problem by injecting mercaptan into the gas, giving it a very distinct and noticeable smell.



TRY IT BEFORE BUY IT!
IF WE DON'T HAVE IT, WE CAN BUILD IT.

Conventional Production Equipment



Solar Powered Chemical Injector

Scrubber Sweetening Systems



Vapor Tight Tanks



Gas Driven Liquid Heat Tracing



2 Million SCFD, Sweet Incinerators



Gas Tight Production Packages



1 Million SCFD,
Sour Incinerators



Gas Tight MEGA Tanks 1,200 BBL Capacity,
14.9 PSI Operating Pressure



New Products by FAV Systems, meeting today's needs for environmental and large capacity wells

Smokeless Flares



Utility Flares



Flare Trailers



ESD Knockout Tanks



RENTAL & PURCHASE PLANS

QUALITY

- * Large supply, diverse product range.
- * New inventory constantly rotated into our rental fleet.

RELIABILITY

- * Onsite service and maintenance by the people who designed it.
- * Inventory calibrated, cleaned and tested to new specifications prior to rental.

COST SAVINGS

- * Short term use of permanent equipment.
- * **We are the original** equipment manufacturer so we provide **the best** possible advice & service.

CONVENIENCE

- * We provide transportation, set up, maintenance and teardowns.
- * Rent - to - Own flexibility.

SPECIALIZED IN PREVENTING FUGITIVE EMISSIONS

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PRODUCT
SUPPORT

PEOPLE YOU CAN DEPEND ON
SHIPPING, INSTALLATION, TEARDOWN AND MAINTENANCE SERVICE.

FULLY GUARANTEED SERVICE



FAV Systems offers you more than superior products at great prices, we also offer you delivery, installation and maintenance services if required. We know how important it is to our customers to keep their equipment operating and generating income. **FAV Systems Service Personnel** will be pleased to serve you on your installation or service needs.



**FOR SERVICE, PLEASE CALL
IN USA AND MX:
+1 (956) 589 8832**

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Contact: 1 (956) 589 8832

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BE ASSURED THAT WHEN YOUR DAY IS DONE, YOUR FAV SYSTEMS EQUIPMENT WILL CARRY RIGHT ON WORKING FOR YOU. THAT YOU CAN ENJOY YOUR TIME AWAY FROM WORK.