

A LEADER IN ENGINEERED ENVIRONMENTAL TECHNOLOGIES



1-833-566-7800

www.thrustertech.com



WHAT ARE WE ABOUT?

Thruster Technologies was founded in 2016 with a mission to supply the Oil and Gas, and Biogas industry with cutting edge equipment that is extremely efficient, the highest in reliability, and an economical choice.

Our core staff has a combined 40 years experience in combustion technology, manufacturing, and industrial design.

Maintaining an open ear to our customers specific needs and wants is what we do best.

Our experienced staff will continue to offer uncommon value thru constant innovation, helping us supply the industry with the best environmental technologies. Thruster Technologies is committed to leading the oil and gas and biogas industries into a safer and environmentally responsible future.



OUR FOCUS

PROVIDE SUPERIOR PRODUCTS

- Our customers need a product they can depend on. Thruster is committed to and will continue to be, a trusted name in the oil and gas, and biogas industries.

PROVIDE TIMELY SUPPORT

- Technicians available in all major shale plays for quick response and lower service cost

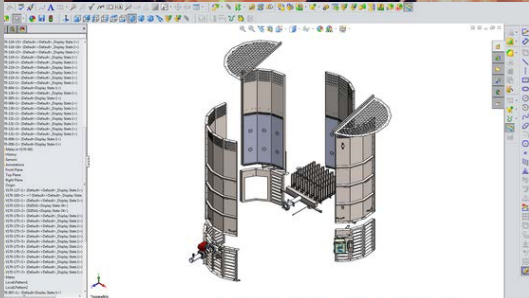
PROVIDE RELIABLE SOLUTIONS

- Not all "standard" equipment is the best solution for the situation. We look at every application individually to ensure that you are getting an engineered solution that is guaranteed to exceed your expectations.





OUR TECHNOLOGY



MULTI-STAGE VENTURI BURNERS

- Thruster Technologies Patented Multi-Stage Venturi Burners ensure proper air fuel ratios maintaining a clean burn throughout the entire operating range. They also greatly reduce flame length allowing our combustor to be more compact.

DESIGN

- We use only the latest versions of Solidworks 3D Software. This eliminates any conflicts in fabrication, and reduces manufacturing lead time. We are also able to provide our customers with 3d models that can be easily integrated into their existing site design.

MANUFACTURING

- We use the latest in manufacturing technologies. All of our material is cut and formed using state of the art CNC Lasers and Press Breaks. This ensures the highest precision and repeatability.



THRUSTER TECH'S APPROACH

In providing our customers with an engineered solution, we look at a variety of factors with each application, including:

- Gas composition
- Gas pressure and flowrate
- Utilities available
- Area classification
- Customers goals, budget, and site regulatory requirements

We aim to offer the most accurate, safe, and reliable solution

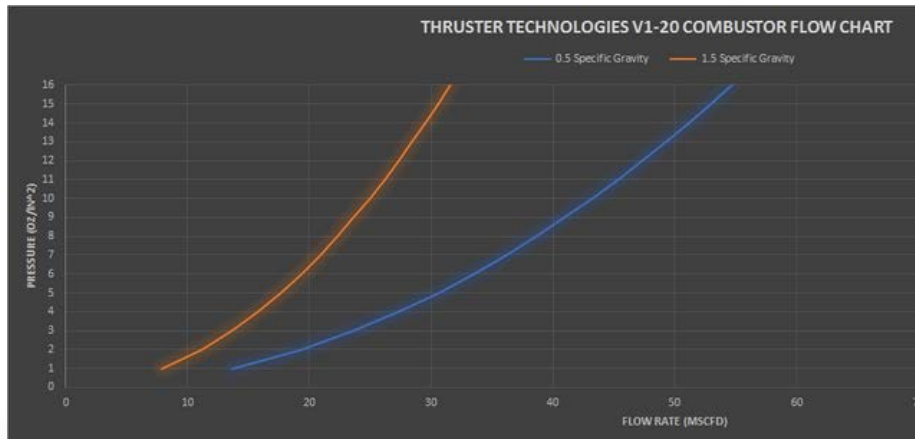


Products & Solutions

V1-20

It's flexibility and long list of features and capabilities provide versatile functionality for a range of applications.

- Flow 3.5MSCFD- 35 MSCFD
- inlet pressure as low as 1 oz/in² - 120 psi
- Modular
- Easy Setup - 2 men in about 1 hour
- Transports in regular size pickup truck
- Profire 2100 Burner Management System
- All Stainless Steel Construction
- High Turndown Ratio
- Optional Ceramic fiber insulation



Products & Solutions

V1-28

It's flexibility and long list of features and capabilities provide versatile functionality for a range of applications.



- Flow 10MCFD - 100 MSCFD
- inlet pressure as low as 1 oz/in² - 120 psi
- Modular
- Easy Setup - 2 men in about 1 hour
- Transports in regular size pickup truck
- Profire 2100 Burner Management System
- All Stainless Steel Construction
- High Turndown Ratio
- Optional Ceramic fiber insulation

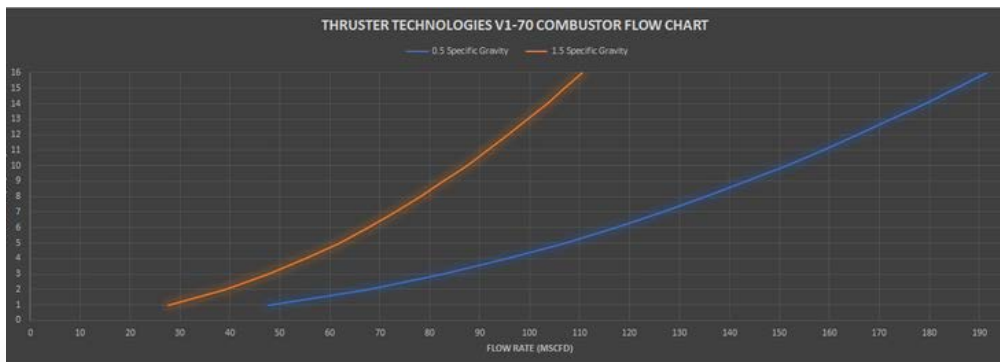
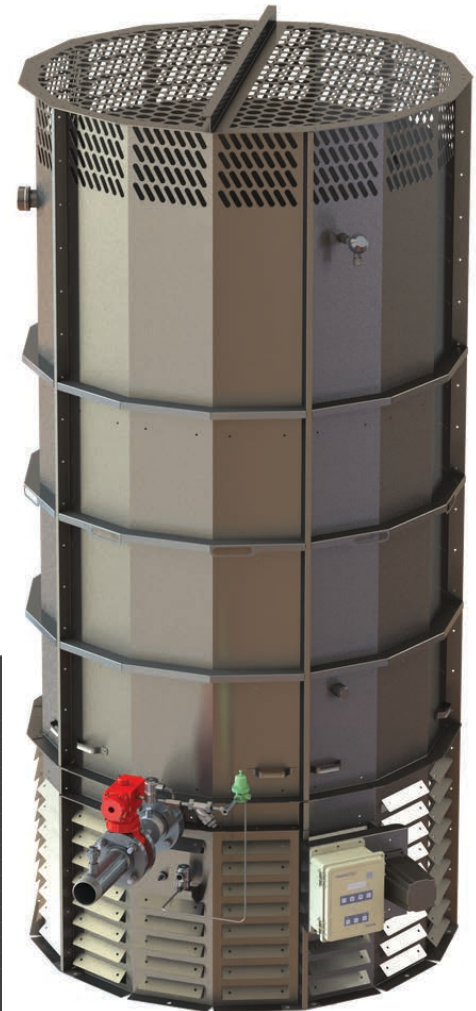


Products & Solutions

V1-70

It's flexibility and long list of features and capabilities provide versatile functionality for a range of applications.

- Flow 10MSCFD - 180MSCFD
- inlet pressure as low as 1 oz/in² - 120 psi
- Modular
- Easy set up-2 men in about 2 hours
- Transports in regular size pickup truck
- Profire 2100 Burner Management System
- All Stainless Steel Construction
- High Turndown Ratio
- Optional Ceramic fiber insulation

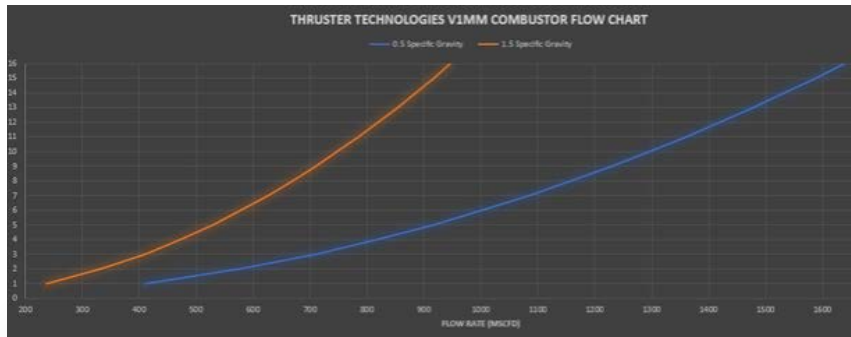


Products & Solutions

High Capacity Combustors

It's flexibility and long list of features enable it to be configured for high pressure, low pressure, or a combination of high and low pressure applications.

- Single or multi stage burner configurations available
- Flow 100MSCFD - 1MMSCFD
- inlet pressure as low as 1 oz/in² up to 120 psi
- Profire 2100 BMS or 3100 Burner Management System
- All Stainless Steel Construction
- High Turndown Ratio
- Ceramic fiber insulation



Products & Solutions

Custom Combustors

Have a difficult project? Let our experienced engineering staff custom design your next combustor project. Whether its a simple combustor with Inlet Air Arrestors, or a full custom electronics system, we are here to help make sure your application is a success!

- Single or multi stage burner configurations available
- Flow 100MSCFD - 1MMSCFD
- inlet pressure as low as 1 oz/in² up to 120 psi
- Profire 2100 BMS or 3100 Burner Management System
- Custom PLC control system
- All Stainless Steel Construction
- High Turndown Ratio
- Ceramic fiber insulation
- Inlet Air Flame Cells
- High Capacity Bird Screens



Products & Solutions

Flares

Can be manufactured from all stainless steel or carbon steel.

Specialty designed multi head units for low pressure flows and special gases.

- 20'-60' Tall
- 3"-8" Diameter
- Flow 20MSCFD - 15 MMSCFD
- inlet pressure as low as 4"w.c.up to 150 psi
- Profire 1300 BMS or 2100 Burner Management System
- Serviceable Pilots (pilot assembly lowers to ground for easy maintenance)
- Solar Panel capable



Products & Solutions

Biogas (Landfill, Wastewater, Etc.)

Thruster Technologies is experienced in designing and manufacturing custom Enclosed Flares and Thermal Oxidizers for a wide range of applications such as mine gas, landfill, digester, and other non-motor fuel vapors.

- Capacities up to 136 MMBTU/HR
- inlet pressure as low as 1 oz/in² up to 120 psi
- Profire 3100 or Custom PLC based Burner Management Systems
- High Turndown Ratio
- Stainless Steel Burners
- Reliable low consumption pilot.
- single and multi stage burner configurations
- Ceramic fiber insulation



Products & Solutions

"SKID PACKAGES"

To reduce field installation time and cost Thruster Technologies offers an optional Skid Package. Take any one of our Combustors and combine it with any of our knock-out pots pre-assembled and mounted on a Stainless Steel skid. Skid has built in forklift pockets for confident lifting and placing in the perfect location. This package is the right choice if your planning on moving equipment from one location to another.

Shown: V1-20 with Auto High/Low Pressure KO Pot



Products & Solutions



Manual Scrubber/KO pot

It's top inlet/outlet enable it to be installed in any position along with it's adjustable legs make it an ideal solution for just about any situation

- 12" dia.
- 3" Top mounted inlet/outlet
- Inlet pressure to 15 psi
- All stainless steel construction
- Internal mesh separator
- Adjustable legs



Products & Solutions



Automatic Scrubber/KO pots

At less than 200 lbs total, these scrubbers can be moved anywhere with no heavy equipment. Liquid separation and evacuation is totally automatic.

Maintenance Free Design, No electrical, no pumps to maintain, no mess.

Simply hookup the gas and drain connections and your in business!

- Automatic discharge of condensate
- 3"-4" inlet/outlet
- Stainless steel construction
- 100 psi max. pressure
- Kimray Valves and floats
- Meets Codes ASME.B.31.4
- Certified welded to meet API 1104
- No moving mechanical parts to maintain



Auto Low Pressure KO Pot



Auto High/Low Pressure KO Pot



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