



FLOWBACK & WELL TESTING

EFR MAXFLOW COMBUSTORS



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FLOW RATES UP TO 5 MMscfd

The unique design of our EFR Combustors offer significant cost advantages while providing exceptional performance and reliability. As regulators moves towards stricter regulations on methane and venting, Select can provide technology that improves combustion and sustainability with significant cost reduction compared to traditional combustion devices.

- **High-capacity air intakes**
combined with pre-mix burners yields cooler combustion temperatures
- **Dual independent manifolds with Profire's latest dual burner BMS**
to manage high and low-pressure bursts
- **Robust burner design**
for rich gas mixtures at pressures as low as 2 oz/in²
- **Highly mobile design**
transportable with custom tank cradle trailer
- **Up to 5 MMscfd capacity**

EFR SERIES HIGHLIGHTS

EFR Combustors were designed to meet or exceed current regulations with an independently tested combustion efficiency > 99.9 %. Transportation on custom cradle trailers and no moving parts on the unit, means a simple and quick setup with low maintenance on location. The units are chainable to scale to the size of your operation.

- NATURAL DRAFT, LOW POWER REQUIREMENT (CAN BE SOLAR POWERED)
- CONTINUOUS PILOT SYSTEM (SUPPLEMENTAL FUEL GAS NOT REQUIRED*)
- ACCEPTS WASTE GAS FROM 0.1 PSIG TO 15 PSIG, SOUR SERVICE READY

SUSTAINABILITY FOCUSED

Select has the technical and regulatory expertise to take your well plans to the next level in terms of sustainability. Select's Well Testing team offers our EFR combustors as a critical component to our ventless operations. This may include:

- CLOSED-LOOP SYSTEM INCLUDING STORAGE TO CAPTURE EMISSIONS
- EVALUATION OF STAGE PROGRESSION FOR QUAD-0 FLOWBACK SCENARIOS
- DAILY LOG AND PHOTO REQUIREMENTS
- COMPLETE OPERATIONAL PROCESS CERTIFIED BY 3RD PARTY ENGINEER
- ASSET MAINTENANCE AND CERTIFICATION



SPECIFICATIONS

MAIN STACK	STACK SHELL REFRACTORY UNIT WEIGHT AIR INTAKES	96" Diameter x 25' Tall A36 Steel 4" Thickness 2600° F rated Ceramic Fiber Refractory Lining 10,000 lbs 4x Fixed Louver Air Intake
BURNER	CONFIGURATION NUMBER OF BURNERS INLET LIQUID CONTAINMENT OPERATING PRESSURE RANGE MAX FLOW (METHANE EQUIVALENT)	4 Stage 40 4" 150# RF Flange yes, with Level sight and High Level Switch 0.125 - 5 psig 1.2 MMscfd
BURNER STAGES	STAGE 1 - 5 BURNERS STAGE 2 - 15 BURNERS STAGE 3 - 30 BURNERS STAGE 4 - 40 BURNERS	20 mscfd (2 oz) to 140 mscfd (5 psi) 140 mscfd (2 oz) to 412 mscfd (5 psi) 412 mscfd (1.3 psi) to 825 mscfd (5 psi) 825 mscfd (1.3 psi) to 1.2 mmscfd (6 psi)
PILOT SYSTEM	NUMBER OF PILOTS TYPE LINE SIZE OPERATING PRESSURE FLAME DETECTION PILOT REGULATOR PILOT SOLENOIDS	1 Emission Rx 3/8" Tube (.035 WT) 2-5 psig Flame ionization Belgas Pro-50 ASCO
CONTROLS	BMS IGNITION TEMPERATURE CONTROLLED TEMPERATURE LIMITED THERMOCOUPLE	Profire 2200 DB 2x Profire Ignition Coils No Yes, 1800° F Wika TC-10



SPECIFICATIONS

MAIN STACK	STACK SHELL	144" Diameter x 35' Tall A36 Steel
	REFRACTORY	4" Thickness 2300° F rated Ceramic Fiber Refractory Lining
	UNIT WEIGHT	23,000 lbs
	AIR INTAKES	5x Fixed Louver Air Intake
HIGH PRESSURE BURNER	CONFIGURATION	Ring
	NUMBER OF BURNERS	64
	INLET	4" 150# RF Flange
	LIQUID CONTAINMENT	No
	OPERATING PRESSURE RANGE	0.125 - 5 psig
	MAX FLOW (METHANE EQUIVALENT)	5 MMscfd
LOW PRESSURE BURNER	CONFIGURATION	Plenum
	NUMBER OF BURNERS	44
	INLET	4" 150# RF Flange
	LIQUID CONTAINMENT	Yes, with Level Sight and High Level Switch
	OPERATING PRESSURE RANGE	2 oz/in ² - 10 oz/in ²
	MAXIMUM ALLOWABLE PRESSURE	2 psig
	MAX FLOW (METHANE EQUIVALENT)	730 mscfd
PILOT SYSTEM	NUMBER OF PILOTS	2
	TYPE	Emission Rx
	LINE SIZE	3/8" Tube (.035 WT)
	OPERATING PRESSURE	2-5 psig
	FLAME DETECTION	Flame ionization
	PILOT REGULATOR	Belgas Pro-50
	PILOT SOLENOIDS	ASCO
CONTROLS	BMS	Profire 2200 DB
	IGNITION	2x Profire Ignition Coils
	TEMPERATURE CONTROLLED	No
	TEMPERATURE LIMITED	Yes, 1800° F
	THERMOCOUPLE	Wika TC-10



E SERIES HIGHLIGHTS

- UNIQUE SHELL IN SHELL DESIGN WITH ELEVATED AIR INTAKE PROVIDES A COOLER OUTER SHELL AND INCREASED OPERATOR SAFETY
- MEETS OR EXCEEDS CURRENT REGULATIONS
- NO VISIBLE FLAME, SMOKE OR ODOR
- HIGHLY EFFICIENT COMBUSTION, INDEPENDENTLY TESTED TO >99.9% COMBUSTION EFFICIENCY
- NATURAL DRAFT, LOW POWER REQUIREMENT (CAN BE SOLAR POWERED)
- DIRECT SPARK SYSTEM, NO SUPPLEMENTAL FUEL GAS REQUIRED*
- ACCEPTS WASTE GAS FROM 0.1 PSIG TO 15 PSIG, SOUR SERVICE READY
- SIMPLE SETUP, NO GUIDE WIRES
- SIMPLE MAINTENANCE, NO MOVING PARTS

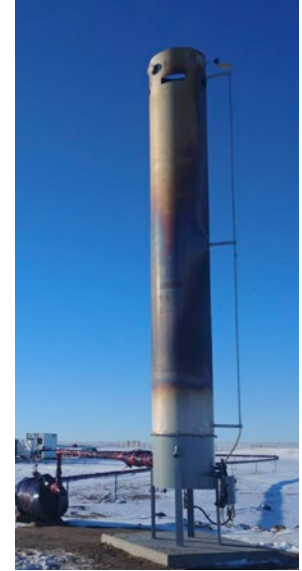


SPECIFICATIONS

MAIN STACK	STACK SHELL	60" OD x 48" ID x 12' Aluminized Corrugated Steel Pipe
	BASE	6' x 6' x 6" precast concrete
	UNIT WEIGHT	3,900 lbs
	AIR INTAKES	Shell in Shell Annular Intake
HIGH PRESSURE BURNER	CONFIGURATION	H
	NUMBER OF BURNERS	16
	INLET	2" NPT or 150# RF Flange
	LIQUID CONTAINMENT	No
	OPERATING PRESSURE RANGE	0.125 – 5 psig
	MAX FLOW (METHANE EQUIVALENT)	70 mscfd (3 MMBtu/hr)
CONTROLS	BMS	Profire 2100
	IGNITION	Direct Spark (No pilot required)
	TEMPERATURE CONTROLLED	No
	TEMPERATURE LIMITED	Yes, 1350° F
	THERMOCOUPLE	Wika TC-10
	PRESSURE CONTROL	N/A
	STAGED MANIFOLD CONTROL	N/A
	AIR INTAKE AUTOMATION	N/A

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SPECIFICATIONS

MAIN STACK	STACK SHELL BASE UNIT WEIGHT AIR INTAKES	32" OD x 20' Aluminized Corrugated Steel Pipe 6' x 6' x 6" precast concrete 4,200 lbs 4x Fixed Louver Air Intake Plates
HIGH PRESSURE BURNER	CONFIGURATION NUMBER OF BURNERS INLET LIQUID CONTAINMENT OPERATING PRESSURE RANGE MAX FLOW (METHANE EQUIVALENT)	H 16 2" NPT or 150# RF Flange No 0.125 – 5 psig 70 mscfd (3 MMBtu/hr)
CONTROLS	BMS IGNITION TEMPERATURE CONTROLLED TEMPERATURE LIMITED THERMOCOUPLE PRESSURE CONTROL STAGED MANIFOLD CONTROL AIR INTAKE AUTOMATION	Profire 2100 Direct Spark (No pilot required) No Yes, 1350° F Wika TC-10 N/A N/A N/A



Connected by water



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