



FLOWBACK & WELL TESTING

EFR MAXFLOW COMBUSTORS

SELECT

EFR MAXFLOW COMBUSTORS

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	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



SPECIFICATIONS

MAIN STACK	STACK SHELL	96" Diameter x 25' Tall A36 Steel
	REFRACTORY	4" Thickness 2600° F rated Ceramic Fiber Refractory Lining
	UNIT WEIGHT	10,000 lbs
	AIR INTAKES	4x Fixed Louver Air Intake
BURNER	CONFIGURATION	4 Stage
	NUMBER OF BURNERS	40
	INLET	4" 150# RF Flange
	LIQUID CONTAINMENT	yes, with Level sight and High Level Switch
	OPERATING PRESSURE RANGE	0.125 - 5 psig
	MAX FLOW (METHANE EQUIVALENT)	1.2 MMscfd
BURNER STAGES	STAGE 1 - 5 BURNERS	20 mscfd (2 oz) to 140 mscfd (5 psi)
	STAGE 2 - 15 BURNERS	140 mscfd (2 oz) to 412 mscfd (5 psi)
	STAGE 3 - 30 BURNERS	412 mscfd (1.3 psi) to 825 mscfd (5 psi)
	STAGE 4 - 40 BURNERS	825 mscfd (1.3 psi) to 1.2 mmscfd (6 psi)
PILOT SYSTEM	NUMBER OF PILOTS	1
	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

