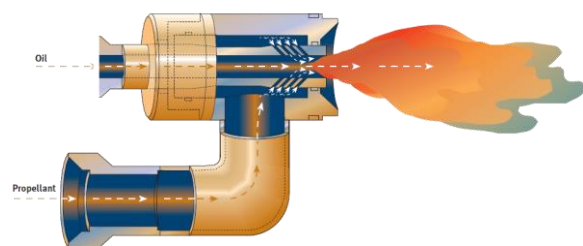


Super Green Burner

Expro's Super Green Burner is designed for maximum clean burn capability with minimal fall-out.

The oil path through the burner is via a 2" mixing chamber which also allows the passage of solids without causing blockages and subsequent performance problems. The propellant (air) enters the mixing chamber through a series of ports drilled tangentially across the inner mandrel, thus creating both linear and rotational shearing effects which help improve atomisation immediately upon exit of the chamber. This produces a more effective flame pattern, which aids the combustion of the crude oil and reduces the likelihood of fallout.

The design of the Super Green Burner also reduces operating pressures, leading to increased output and improved flexibility. It can be supplied in various head configurations sized to suit flow conditions. The Super Green Burner design concept, although extremely effective is very simple thus contributing to continuous trouble free operation.



Features and benefits

- Unique burner head design
- No moving parts
- Low operating pressures
- Complete crude oil disposal through combustion
- Dynamic, elongated flame pattern
- Minimises smoke and fallout pollution
- Reduced maintenance during operations
- Maximises the operating parameters of a well test/clean-up package

Applications

- Onshore and offshore oil and gas well testing and clean-up operations

Technical specifications

	Single head Burner	3 headed burner	4 headed burner
Oil flow rate	4000 bpd (26.5 m3/hr)	12000 bpd (79.5 m3/hr)	16000 bpd (106 m3/hr)
Maximum working pressure	1440 psi (99 bar)	1440 psi (99 bar)	1440 psi (99 bar)
Test pressure	2160 psi (150 bar)	2160 psi (150 bar)	2160 psi (150 bar)
Maximum working temperature	248°F (120°C)	248°F (120°C)	248°F (120°C)
Dimensions (L x W x H)	6.14' x 4.92' x 6.07' (1.87m x 1.5m x 1.85m)	7.5' x 5.4' x 6.56' (2.29m x 1.65m x 2m)	8' x 5.8' x 7.2' (2.4m x 1.8m x 2.2m)
Weight	1,102 lbs (500 kgs)	1,764 lbs (800 kgs)	2,205 lbs (1,000 kgs)
Design codes	ASME B31.3, NACE MR-01-75 (H2S)		

Note: Weights and dimensions are for indicative purposes only; varying burner head configurations can be supplied.