

Crude Oil & Natural Gas Disposal Burner

Efficiently and safely flare oil and natural gas in both offshore and onshore environments.

APPLICATIONS

- Offshore and onshore wellsites requiring flaring of hydrocarbons prior to a sales line or channel being available.

BENEFITS:

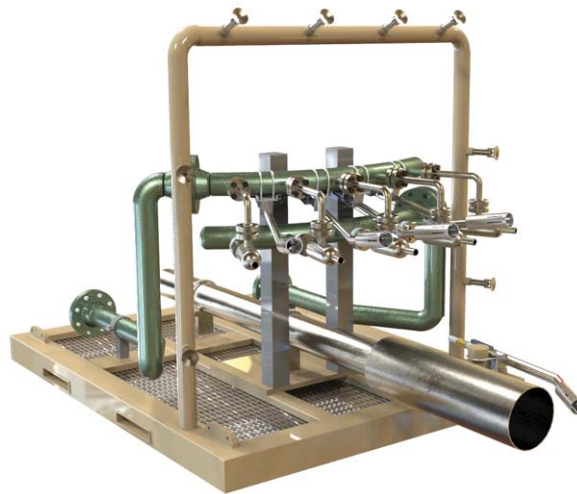
- High efficiency and reliable waste disposal of crude oil and gas.
- Quick to install.
- Safety features protect the environment, personnel and equipment.

FEATURES:

- Remote reliable pilot ignition.
- Minimum fall out risk.
- High efficiency burn due to internal atomization design.
- Saleable turn down by isolation of nozzles.
- Built to ASME B31.3 process piping spec.
- Light and easy to assemble.
- Incorporated cooling system.
- Incorporated gas flare.

Designed to efficiently burn oil at rates up to 15,000 BOPD with high combustion efficiency. The ENERGES system incorporates a heat radiation suppressing system to prevent heat damage to offshore platform structures. This same system also helps eliminate damage to foliage or personnel in onshore applications.

This equipment coupled with the ENERGES heat suppressing system reduces the exposure of personnel and risk of equipment damage or fire. The burner assembly atomizes liquids internally providing a highly combustible mist at the nozzle exit reducing almost the risk of unburned fall out and oil slicks. The equipment is designed to handle liquids containing H₂S and other corrosive elements. Replaceable parts are easy to maintain and service leading to low cost of ownership.



Burner Characteristic	Detail
Max Working Pressure	1,440 psi
Maximum Liquid Rate	15,000 BOPD
Maximum Gas Rate	60 MMSCF/D
Connections	Oil: 3" 206 / 3" ANSI 600# Water: 2" 206 / 3" 600# Air: 3" 206 / 3" 600# Gas: 4" 206 / 4" 600# Cooling Water: 2" 206
Connections	5 Nozzles 2000 bopd / nozzle
Pilots	Electric 110/220 V/AC
Supply Flow Rates	Air 2500 cfm @ max rate Cooling Water 800 GPM @ max rate
Safety Devices	Remote Operated Pilot Ignition (Nat gas / Propane) Non return valves on effluent lines
Specifications	ASME B31.3 Process Piping / NACE MR 01-75