

Need to Control Gas Odor?

SOLAR  Spark®

V E N T F L A R E S

Solar Spark® Vent Flares are simple, reliable solar ignited flares for direct mounting on all types of landfill gas vents to destroy foul odors associated with flammable gas emission.

- ◆ Patented flarehead operates with variable gas quality and flow rate even in high winds



- ◆ Solar panel with battery delivers continuous spark ignition in cloudy or dark conditions



- ◆ Patented Spark-Pilot™ provides reliable reignition in rainy weather

Economical Solar Spark Vent Flares offer years of dependable operation

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hydr  mulch (PTY) LTD
Planting the Seed of Environmental Success





BRIEF SPECIFICATIONS

- ⚡ Landfill gas flow rate: 2 - 90 CFM (Model CF-5)
5 - 140 CFM (Model CF-10)**
- ⚡ Design methane content: 30% - 100%**
- ⚡ All-weather variable flow flare head; double expansion carburetion with minimum 200mm ID flare tip.**
- ⚡ Inline stainless steel wire gauze flame arrester**
- ⚡ Stainless steel ball valve**
- ⚡ Schedule 40 carbon steel gas piping**
- ⚡ 6v (or optional 12v) solar trickle charge plate**
- ⚡ 5W panel - 10V peak W 8V @ 300 MA charging power (standard 6v system)**
- ⚡ Fully charged system functions for at least 20 days in darkness**
- ⚡ Spark interval 1.5 seconds**
- ⚡ Galvanized steel ground stake**
- ⚡ Optional insulation capability for sub-freezing conditions**
- ⚡ USEPA approved for use at WWW (NSPS/EG) landfills with addition of optional flame pilot/thermocouple/data logger kit**