

MRR Integrated Odorizer

Dual-Pump Precision, Packaged for Remote Sites.

The MRR Integrated Odorizer is a fully packaged system for accurate, reliable odorization of natural gas transmission and distribution lines. Dual metering pumps run in parallel for redundancy or added capacity, and an integrated Coriolis flow meter delivers a pulse signal for proportional-to-flow injection. The unit is housed in an insulated enclosure with integral secondary containment, with active and passive carbon filtration for vapor management during servicing and operation. A custom HMI handles local control, monitoring, alarms, diagnostics, and measurement. Built for remote sites, it runs on 24 VDC solar power with 120 VAC generator backup, and is rated Class I, Division 2 for hazardous locations.

Specifications

Max capacity	861,000 SCFH natural gas, with both pumps running
Odorization rate	0.5–1 lb/MMSCF
Max pressure	450 PSIG
Dimensions (L × W × H)	135 × 62 × 87 in
Weight	≈4,000 lb
Power	24 VDC solar, 120 VAC generator backup
Certification	Class I, Division 2
Metering	Dual parallel pumps, Coriolis flow-proportional injection
Control	Custom HMI — local control, monitoring, alarms, diagnostics
Enclosure	Insulated, with integral secondary containment
Vapor management	Active and passive carbon filtration

Applications

Natural gas transmission and distribution · LNG · RNG interconnects. Remote or unmanned metering and regulator stations, and hazardous-location sites requiring Class I, Division 2 rated equipment.