

# MRR Low Volume RNG Odorization Skids

Low-Volume Odorization. Engineered to Perform.

Services: Operations, System Design | Industries: Gas Utilities, Renewable Natural Gas, Refineries & Midstream

The LVO Odorizer System is a precision injection odorizer engineered for applications requiring accurate odorant addition at low to moderate gas flow rates. Available in single (30-gal) and double (120-gal) tank configurations for RNG and utility applications, the LVO delivers consistent odorant concentration across varying flow conditions without requiring constant operator attention.

## LVO Single — 30-Gallon RNG (MRR-LVO30)

|                                   |                                                                                                                                                                   |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Capacity                          | 0–200 mscfh @ 0.5 lbs/mmscf                                                                                                                                       |
| Odorant Output                    | 0.38 GAL/day (1.44 L/day)                                                                                                                                         |
| Operating Temp Range              | 0 to 140°F (–17°C to 60°C)                                                                                                                                        |
| Carbon Filter Motor               | 1/2 hp — 3450 rpm — 115/230V — Ph 1 — Class B — Des N — Code K                                                                                                    |
| Space Heater                      | Norseman 475W / 120V / 1PH T-STAT                                                                                                                                 |
| Max Meter                         | Pulse Sinking Output: current sinking, 20mA max. Power: 5–26 VDC                                                                                                  |
| Odorant Injection                 | Dual — LVO 610G YZ Item, connected to interior pipe                                                                                                               |
| Tank                              | 30-gal tank with stand                                                                                                                                            |
| Containment                       | LVO 30GAL 29×44×12 (110%+ capacity)                                                                                                                               |
| Active Carbon Filter              | 30 GAL, 115V                                                                                                                                                      |
| Flow Detection                    | Switch, Micro Flow Autoflow                                                                                                                                       |
| Accessories                       | Central valve panel, passive filter (15 gal), active filter (30 gal), space heater, odorant flow measurement via Max Meter, flow signal detection via flow switch |
| Enclosure Cover                   | Fire-rated insulated cover (CAN/ULC-S114)                                                                                                                         |
| Electrical Certification — LVO    | CID1, Group C,D T3C EExia IIB Zone 0 T4C                                                                                                                          |
| Electrical Certification — Filter | CL I GR D, CLII GR F&G, CI ZI GR-IIA SOLAR CID2                                                                                                                   |
| Part Number / Model               | MRR-LVO30 — Spec Sheet ID 4210                                                                                                                                    |

## LVO Double — 120-Gallon RNG (MRR-LVO120)

|                                          |                                                                                                                                                                   |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Capacity</b>                          | 0–200 mscfh @ 0.5 lbs/mmscf                                                                                                                                       |
| <b>Odorant Output</b>                    | 0.38 GAL/day (1.44 L/day)                                                                                                                                         |
| <b>Operating Temp Range</b>              | 0 to 140°F (–17°C to 60°C)                                                                                                                                        |
| <b>Carbon Filter Motor</b>               | 1/2 hp — 3450 rpm — 115/230V — Ph 1 — Class B — Des N — Code K                                                                                                    |
| <b>Space Heater</b>                      | Norseman 475W / 120V / 1PH T-STAT                                                                                                                                 |
| <b>Max Meter</b>                         | Pulse Sinking Output: current sinking, 20mA max. Power: 5–26 VDC                                                                                                  |
| <b>Odorant Injection</b>                 | Dual — LVO 610G YZ Item, connected to interior pipe                                                                                                               |
| <b>Tank</b>                              | 120-gal tank with stand                                                                                                                                           |
| <b>Containment</b>                       | LVO 120GAL 58×88×12 (110%+ capacity)                                                                                                                              |
| <b>Active Carbon Filter</b>              | 30 GAL, 115V                                                                                                                                                      |
| <b>Flow Detection</b>                    | Switch, Micro Flow Autoflow                                                                                                                                       |
| <b>Accessories</b>                       | Central valve panel, passive filter (15 gal), active filter (30 gal), space heater, odorant flow measurement via Max Meter, flow signal detection via flow switch |
| <b>Enclosure Cover</b>                   | Fire-rated insulated cover (CAN/ULC-S114)                                                                                                                         |
| <b>Electrical Certification — LVO</b>    | CID1, Group C,D T3C EExia IIB Zone 0 T4C                                                                                                                          |
| <b>Electrical Certification — Filter</b> | CL I GR D, CLII GR F&G, CI ZI GR-IIA SOLAR CID2                                                                                                                   |
| <b>Part Number / Model</b>               | MRR-LVO120 — Spec Sheet ID 3530                                                                                                                                   |

### Why MRR

MRR supplies, installs, and services the LVO Odorizer System as part of a fully supported odorization program. Our technicians are familiar with the system across all configurations and provide calibration, maintenance, and troubleshooting support in the field.

Contact MRR to determine whether the LVO is the right fit for your application.