

Specifications

- Drum, 55 gallon** - Height: 35"
Diameter: 23.5"
Shipping Weight: 487 lbs.
 - Drum, 30 gallon** - Height: 19.1"
Diameter: 29.5"
Shipping Weight: 275 lbs.
 - Drum, 5 gallon** - Height: 15"
Size: 9" Width, 11" Depth
Shipping Weight: 48 lbs.
- 8 oz samples available

Average Feed Rate Guideline

- NuTech Systems and
In-duct Treatment: 1 oz. per 2,500 CFM
of Air Flow
- Scrubber w/Recirculation: 1 oz. per 3-5,000 CFM
of Air Flow

Guidelines for calculating chemical usage are estimates only. Actual usage is effected by odor concentration, temperature, particulate levels, etc.

Applications

- NuTech Ventilated Odor Control Systems—directly treat the
□ the odorous air stream
- Replace hypochlorite in scrubbers treating organic odors
- Induct prior to a wet scrubber, carbon system or biofilter—
□ improves the performance of these systems
- In the head space of processing tanks—with or without
□ NuTech's AirTainer™ Cover System

Application Areas

- Lift Stations
- Headworks-grit/screenings
- Belt Presses
- CSOs
- Aerobic Processes
- Aeration Tanks
- Aerobic Digesters
- Solids Handling

□ Chi-X® Odor Eliminator is a glacial acetic acid based, water soluble, reactant formulation containing aldehydes and alcohols. It chemically reacts organic acid, organic nitrogen and some sulfur based odors generated from domestic sewage. Reactant chemistry requires intimate contact with the odorous air through NuTech designed forced contact chambers with .3 seconds of contact or mist type chambers with a contact time of 2-3 seconds. □

□ Vapor Phase reactant odor control chemistry, developed and pioneered by Nutech, successfully reduces the concentration and intensity of organic nuisance odors to levels that no longer cause odor complaints. The reaction removes some of the organic odor from the air stream through the formation of soluble salts, polymerizes another portion into heavier less odorous compounds and converts organic acid odors into ester compounds. Reactant chemistry provides significant reductions in both odor concentration (D/T) and Butanol intensity—often to an intensity of one or less. □

□ Chi-X treats air streams containing up to 1 PPM of H₂S. Chi-X in conjunction with caustic scrubbing treats H₂S levels exceeding 1 PPM. The cost of treatment with Chi-X® Odor Eliminator is less than \$1.00 per CFM per year.

Types of Odors Treated

- Amine Compounds
- Organic Sludge Odors
- Organic Acids
- Organic Sludge Odors
- Grease Odors
- Reduced Organic Sulfur Compounds
- Mercaptans

NuTech Application Systems

- QCID™ Ventilated Odor Control System
- VPS™ Ventilated Odor Control System
- Belt Press-Mate™ Odor Control System
- Mist Pro® Chemical Dilution & Feed System
- Series 950 Chemical Dilution & Feed System
- Series 750 Proportional Chemical Feed System

Technical Experts in Odor Control

