

HARMSCO®

Cryptosporidium and Giardia Cysts Control

Cryptosporidium

A protozoan or single celled parasite that lives in the intestines of animals and humans. This microscopic pathogen causes gastrointestinal disorders and may result in death.

Giardia Lamblia Cysts

A cyst occurring primarily in surface water as a result of influence by human and animal fecal waste. Causes gastrointestinal disorders and may result in death.

Log Removal

1 part in 10 parts = 1 log (90%)
1 part in 100 parts = 2 log (99%)
1 part in 1,000 parts = 3 log (99.9%)

Note

Generally, one micron absolute cartridges are required to remove Cryptosporidium and Giardia Cysts.

Standards of Performance

- ▶ SDWA - Safe Drinking Water Act
- ▶ SWTR - Surface Water Treatment Rule
- ▶ NSF 53 - cyst reduction (only for point of use equipment having 1" pipe size or smaller)
- ▶ NSF 61 - additives (leaching of filter components to water supply)
- ▶ Challenge tests conducted by independent testing facility (filter housing and cartridge)
- ▶ Western States Protocol
- ▶ LT2 Challenge test

People to Contact

- ▶ State and local health departments
- ▶ State Department of Environment
- ▶ Community water systems
- ▶ Specifying engineers
- ▶ Mechanical contractors
- ▶ Industrial and municipal distributors
- ▶ Rural water associations in your state

Best Advice

Recommend only products that have been validated by an independent testing facility for the filter housing and filter cartridge.

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