The Capital Controls® Type VEGA™ using type SORB 65-71 media is a disposable vacuum regulator vent gas absorber designed to treat occasional chlorine and sulphur dioxide gas vent releases that normally accompany container changeovers. The VEGA™ prevents nuisance tripping of gas room air sensor alarms; help compliance with restrictions against exhausting gas fumes outside of a building; keep the building free from gas related acid corrosion.

The VEGA is a 20 litre HDPE disposable container of chemically impregnated alumina 4 mm spherical beads designed to react on contact to convert to harmless landfill disposable salts. The solid reaction products are locked in the ceramic bead.

Unlike carbon based media used for the same purpose, the type SORB 65-71 ceramic based media is non-flammable and is easily disposable by landfill.

De Nora Water Technologies recommends at least one VEGA per vacuum regulator vent. The manifolding of two or more regulator vents to a single VEGA is discouraged due to back pressure concerns. As designed, the VEGA has less pressure loss than an equal length of vent hose.
Capital Controls®
VEGA™
Vent Exhaust
Gas Arrestor
Dual Gas System

Benefits:
– Safe and low cost
– Easy to install
– Does not require special handling arrangements
– Compact, rugged solution with small footprint
– Low pressure drop
– No degradation of chemicals on site
– Simple solution does not require additional equipment such as heaters
– Carbon free non-flammable media

Features:
– Passive dependable operation – no moving parts
– Suitable for chlorine and sulphur dioxide
– Treats occasional gas vent releases accompanying container changeover
– No liquid chemicals
– Pressure loss less than equal length tubing
– Alumina media substrate
– Light weight with easy carrying handle – less than 16 kg
– Complete with suitable connector adaptors
– Compact 25 cm sq x 43 cm high
– Stackable HDPE construction

System Arrangement
The most common is a single system arrangement. The outlet vent hose runs directly to the gas detector. The VEGA™ system should be replaced annually to best ensure no escape of chlorine or sulphur dioxide when using a single unit arrangement.

Arrestor Container and Assembly
– One (1) 25 cm square x 43 cm high, 20 litre high density polyethylene containers, white opaque, UV inhibited
– Side mounted bottom inlet and top outlet PVC bulkhead fittings with internal strainers
– Bulkhead shipping plugs
– 13.6 kg of Type “SORB 65-71” dry media, chemically impregnated activated alumina for chlorine and sulphur dioxide treatment
– Built-in hand grips
– Carrying handle
– Total filled weight is 15.9 kg

Performance Characteristics
The Capital Controls® Type VEGA™, Vent Exhaust Gas Arrestor, is designed to neutralise the gas from intermittent vacuum regulator vent releases normally experienced while changing containers. The gas will gravity flow from the vacuum regulator vent to the floor mounted VEGA bottom inlet. The pressure loss through the VEGA will be less than an equivalent length of tubing. The media is capable of neutralizing up to 1.4 kg of chlorine/sulphur dioxide based on complete exhaustion.

For more information on VEGA™ visit www.denora.com

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