Victaulic Vortex® 500 Difference
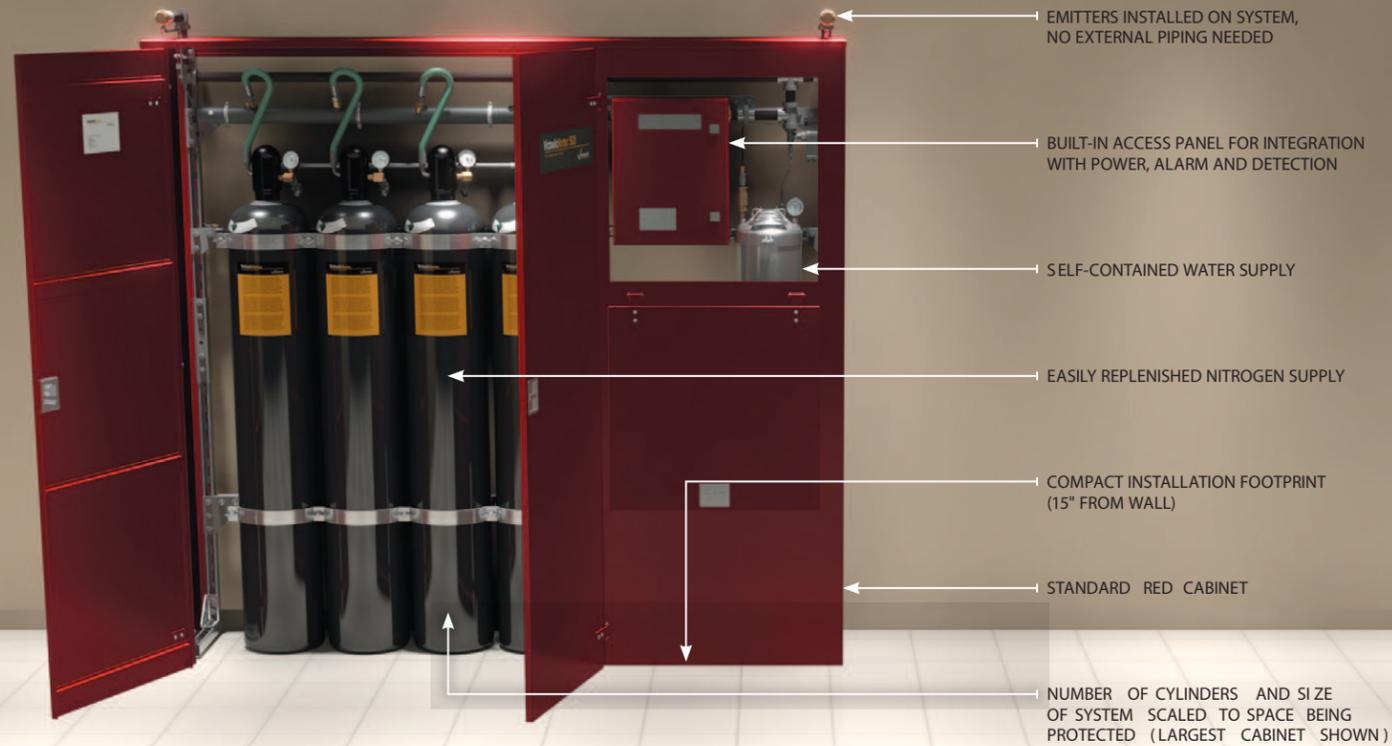
· Unique hybrid technology utilizes both water and nitrogen as complimentary extinguishing agents

· Average water droplet size of around 10 microns, incredibly small and fine, eliminating any appreciable wetting of equipment or surrounding space

· These ultra-fine particles of water feature heat-absorbing surface area 90 times greater than those generated by standard sprinklers
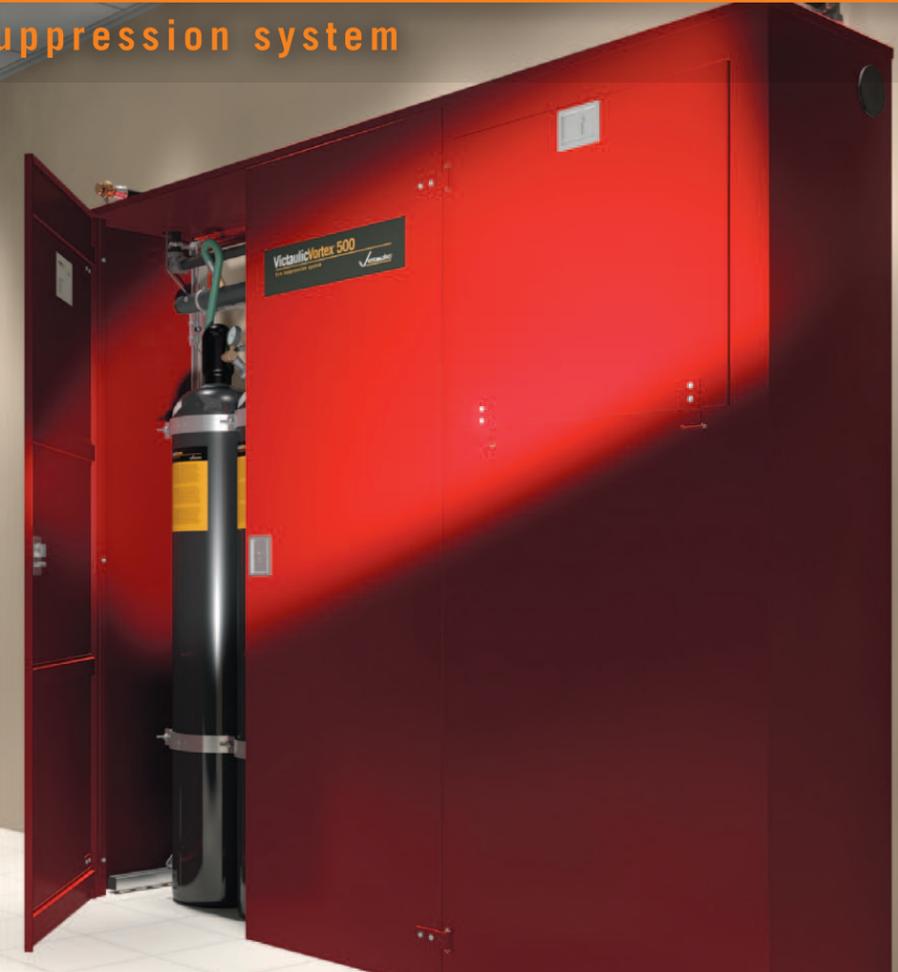
features

VictaulicVortex® 500
fire suppression system

EMITTERS INSTALLED ON SYSTEM, NO EXTERNAL PIPING NEEDED

BUILT-IN ACCESS PANEL FOR INTEGRATION WITH POWER, ALARM AND DETECTION

SELF-CONTAINED WATER SUPPLY

EASILY REPLENISHED NITROGEN SUPPLY

COMPACT INSTALLATION FOOTPRINT (15" FROM WALL)

STANDARD RED CABINET

NUMBER OF CYLINDERS AND SIZE OF SYSTEM SCALED TO SPACE BEING PROTECTED (LARGEST CABINET SHOWN)

"In mission critical applications like data rooms and server spaces, the ability to provide fast, dependable fire suppression without any appreciable water presence or toxic chemicals is fantastic. At Bluehost, we are all about innovative technology. We look for flexible systems that can accommodate our specific needs, both in protecting equipment and people, as well as getting back up and running fast after an event. The Victaulic Vortex system offers all that and more — green technology, minimal water presence, effortless clean-up, economical recharge, immediate activation, no need for room integrity — this system simply has it all."

– MATT H EATON, OWNER, BLU EH OST

For Information Technology Spaces

· Self-contained — no piping needed
· Fast, convenient installation
· Minimal water presence
· No costly clean up or equipment replacement
· 100% Green design
· Quick system recharge, minimal downtime
· No need for assurance of tight room integrity

Authorised Victaulic® Distributor

fire protection
TECHNOLOGIES

Victaulic®

Victaulic Vortex® hybrid technology extinguishes via heat absorption and oxygen deprivation with minimal water presence.

The Victaulic Vortex® 500 Fire Suppression System is built on more than 85 years of Victaulic innovation and product development experience.

- Designed specifically for Information Technology spaces

- Provides the best capabilities of both water mist and inert gas systems

- Each system provides calibrated performance for the size of the space it is protecting.

¼ gallon

WATER SPARSE PRESENCE

As little as ¼ gallon of water per minute per emitter utilized to suppress fires.
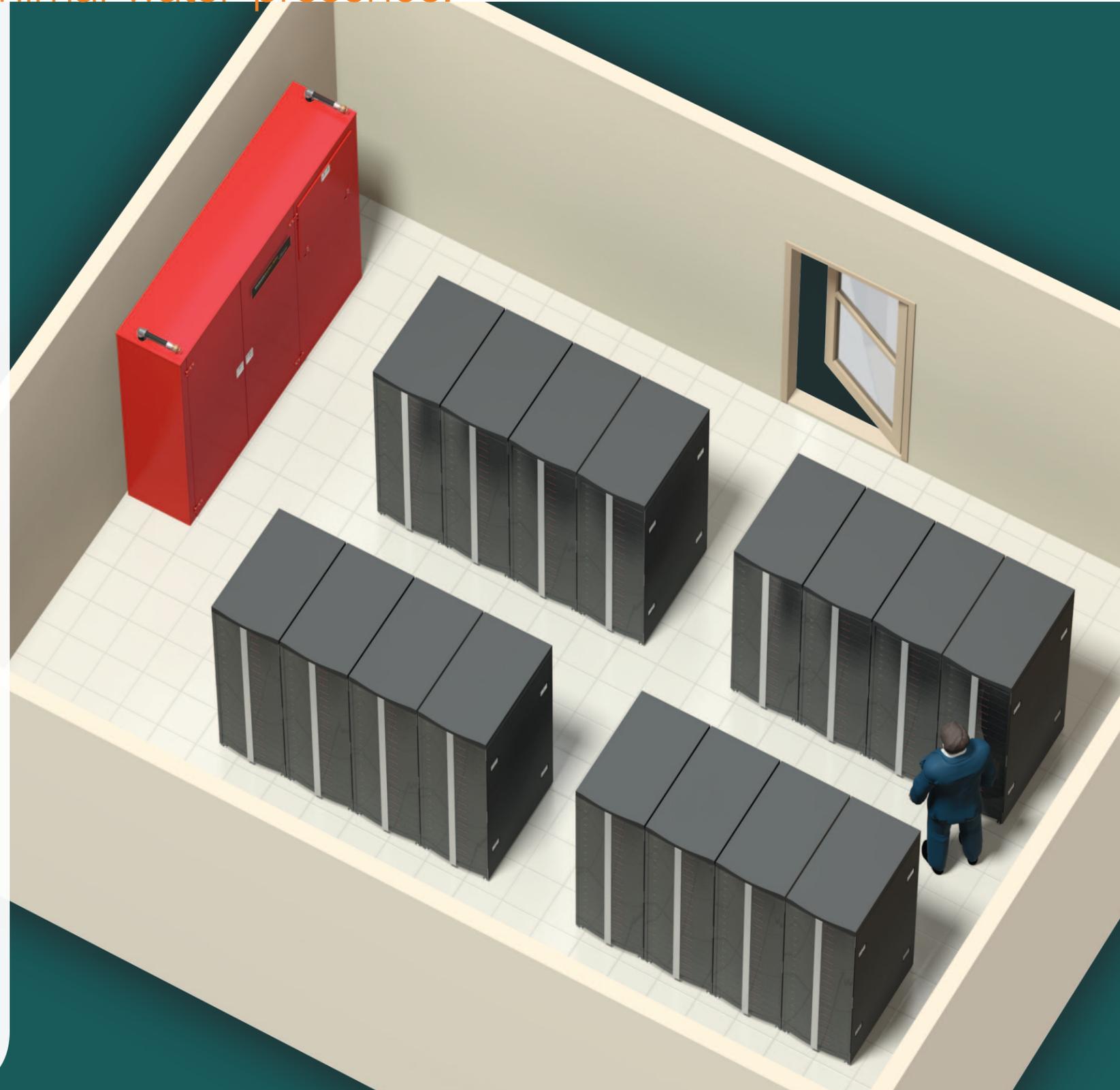
ROOM INTEGRITY

Unlike other systems, maintaining room integrity is not essential; fires are extinguished in open, naturally ventilated areas.

40 mph

EMITTER/DISCHARGE

High velocity and low pressure creates a uniform blend of water and nitrogen; water is introduced to a jet stream of nitrogen at supersonic speed, then delivered with the nitrogen into the protected space at 40 mph.

IMMEDIATE ACTIVATION

System seamlessly integrates with alarm and detection systems as well as facility security technology and, unlike other technologies that use toxic agents, can activate immediately upon detection of a fire without having to wait for evacuation.

designed for electronics

PROTECTION WITHIN ENCLOSURES

Even small, smoldering fires within racks are detected and extinguished with negligible water exposure for components or hardware.

sustainable design

100% GREEN TECHNOLOGY

Utilizing only non-toxic agents, water and nitrogen — personnel are safe, even during activation; oxygen in the space is maintained at safe breathing levels.