



The Smarter, Modern alternative to fire sprinkler systems

Automist Smartscan Hydra is better suited for larger developments and multi-residential properties by enabling up to six heads to be connected to one pump.

Now the same benefits of reduced plumbing requirements and less disruption can be applied to more properties cost effectively.



Why Automist® Smartscan Hydra?

Direct targeting

Automist® Smartscan Hydra suppresses fires more efficiently by targeting the origin of the fire directly.

Meets the highest performance standards

Automist® Smartscan has met the fire performance standards outlined in UL 1626 / 2167 and NFPA 750.

Low water usage

Automist® Smartscan can be simply installed on a standard domestic water main and doesn't require a plumbing upgrade or a water tank.

Less disruption

Typically installed in just a few hours with minimal impact to the building—in part due to the use of flexible high pressure hoses.

Robust activation

Automist® Smartscan Hydra has a robust double knock trigger which uses a combination of smoke, heat, and rate of rise. Therefore, it is not prone to false activations.

Minimize damage

Automist® Smartscan uses 90% less water than traditional sprinkler systems—minimizing consequential water damage, while providing the same performance.

Low maintenance

Annual tests of the full system operation from detection to activation are quick and simple—usually taking only a few minutes.

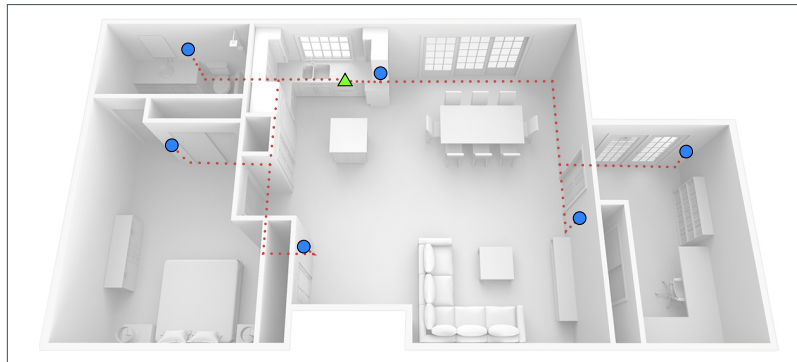
Chain of accountability

Automist® can only be installed by Accredited Resellers who are regularly tested, and audited, ensuring high standards are maintained.

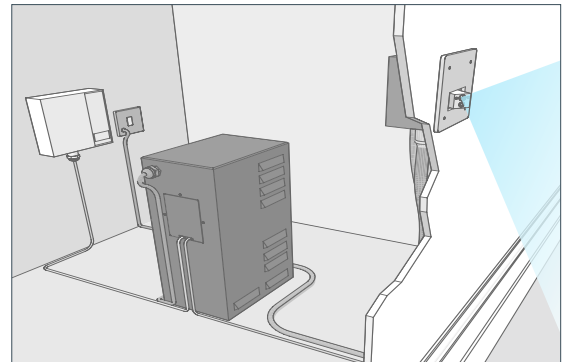
What Happens when Automist® Smartscan Hydra Activates?

When triggered by a Plumis multi-sensor wireless or wired detector, all the linked spray heads will begin scanning. They start measuring the temperatures within the room using an infrared sensor. The scan is looking for an exceptionally high temperature reading, or a differential increase between scans. Once the temperature exceeds a threshold that head is deemed to have successfully located a fire. All heads which locate a fire during a scan are then compared to see which has the best view.

The selected spray head will lock onto the selected location, and activate the high pressure pump, driving mains water through the unique nozzle unit, quickly directing a dense fog into the location of the fire. The high momentum vertical spray orientation with a horizontal trajectory is designed so even shielded fires are saturated with a turbulent flow of mist, suppressing the fire.



● Smartscan Hydra Head ▲ Pump ● ● ● ● ● ● ● Hose & Wire



Pump & Controller System overview

Visit us at www.plumis.com, contact us to learn more about Automist or phone +1 (844) 243-0335 or email us at info@plumis.us

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