
Air Dryers

Introducing Pro Dry, this new range of heatless desiccant compressed air dryers, have been designed to provide a controlled, economical supply of ultra dry, ultra clean compressed air to dry pipe sprinkler systems.

Dry pipe sprinkler systems provide automatic protection in spaces where freezing is possible. Typical installations include unheated warehouses, attics, exposed loading docks and within commercial freezers.

However, unless the air within these areas is moisture free, there is a strong possibility that ice plugs will form, a particular problem for sprinkler systems in refrigerated storage. When warm air enters the freezer and rapidly cools, moisture present in the air condenses and accumulates in the interior of the piping. As the accumulation becomes larger, it can fill the entire section of the pipe. And it can happen quite rapidly unless proper precautions are taken. In the event of a fire, ice plugs can prevent a sprinkler system from operating by impeding or completely blocking the flow of water to the sprinkler heads.

Examinations of existing freezers have found ice plugs in more than fifty percent of the freezers inspected.

Key Benefits:

Worldwide Installation

Manufactured in accordance with ISO 9001:2000, it is fully compliant with all EU directives and many other international approvals.

Servicing

The top manifold remains in place in the pipeline, whilst the dryer is removed. Desiccant cartridges are quickly and easily replaced and the dryer re-installed into the pipeline.

Diagnostics

The intelligent processor provides the user with self-monitoring diagnostics. The dryer performance can be visually monitored via the display window or a PC.

Horizontal or vertical Installations

Due to the design incorporating a spring loaded desiccant cartridge, the Pro Dry is suitable for use in a horizontal or vertical orientation. Ideal for applications where space is limited.



- Further technical specifications and sizing tables are available upon request.