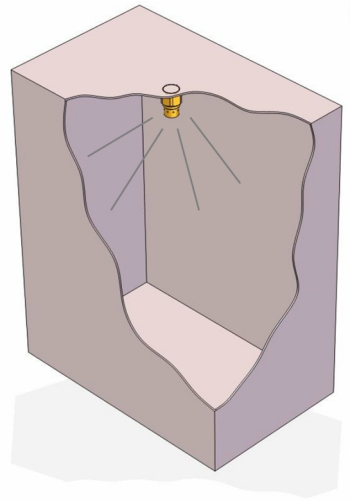
DRY CHEMICAL NOZZLES

For fixed fire-extinguishing systems using dry chemical / Total flooding and local application

Data sheet 13307 Rev.00

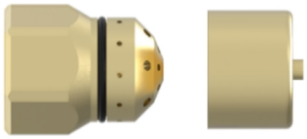
Product description

The function of the nozzles is to discharge the dry chemical powder into the protected area to achieve effective fire suppression. The number and model of nozzles depend on the size of the protected area and the specific application for which they are intended. Total flooding nozzles produce a wide and uniform discharge pattern, with a smooth dispersion of the extinguishing agent. Local application nozzles generate a higher-velocity directional discharge, designed to project the dry chemical directly onto the hazard source.



AG-TF1 total flooding nozzle

This nozzle is intended for total flooding application of dry chemical in enclosed spaces where uniform coverage of the entire volume is required, such as paint booths and flammable liquid storage rooms, among others. It is available in brass, stainless steel or aluminium, and features a female thread for connection to the discharge piping in a vertical position.



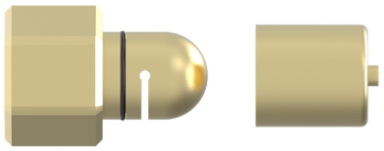
AG-O-2 local application nozzle

Designed for local application fire protection systems, this nozzle allows the extinguishing agent to be directed directly at a critical point or specific piece of equipment from an elevated position within a larger area. Available in brass, stainless steel or aluminium, it is connected to the discharge piping in a vertical position by means of a male thread. It is suitable for protecting equipment such as engines, electrical generators, and transformers.



AG-TK-1 local application nozzle

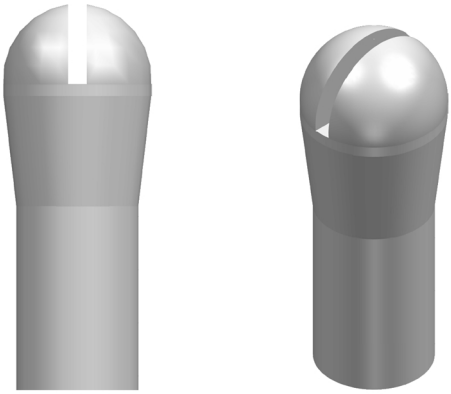
Developed for the protection of flammable liquid storage tanks, or for immersion coverage of areas prone to spills of these types of liquids. Manufactured in brass, stainless steel or aluminium and featuring a female thread, it is installed vertically and discharges at a 90° angle to the piping, creating a flat semicircular dry chemical blanket over the surface of the flammable liquid.



SIDIH40 / SIDIH80 local application nozzle

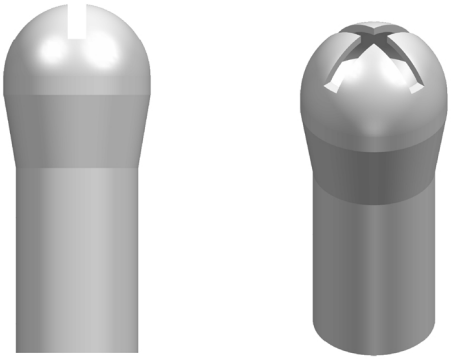
These nozzles are characterized by their high flow rate and high discharge velocity, making them ideal for outdoor applications or industrial environments where wind or obstructions may be present in the hazard areas.

They are used in local application protection systems and feature a discharge opening with a slot parallel to the inlet axis, generating a flat, directional discharge aimed at the hazard source to counteract adverse environmental conditions.



SIDIHX40 / SIDIHX80 local application nozzle

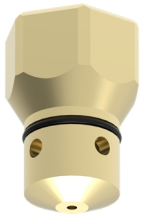
Like the SIDIH40/80 nozzles, these nozzles are especially suitable for outdoor local application systems due to their high flow rate and high discharge velocity. In this case, they feature a cross-shaped discharge opening to cover a wider area through their conical discharge pattern.



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AG-TW nozzle

The AG-TW nozzle is designed to protect plenums and pits in paint spray booths. It allows the extinguishing agent to be discharged simultaneously in three directions, providing effective coverage of the protected area.



AG-DP duct & plenum nozzle

Designed to protect exhaust ducts and plenums in paint booths. It allows the dry chemical to be discharged longitudinally through the inside of the duct, in the same direction as the airflow, ensuring effective coverage of the interior.



AG-SCR screening nozzle

Developed for open-front paint booths, the AG-SCR nozzle generates a curtain of dry chemical across the front opening, creating a barrier that helps contain and extinguish a fire in the work area.



AG-TFP 180º work area nozzle

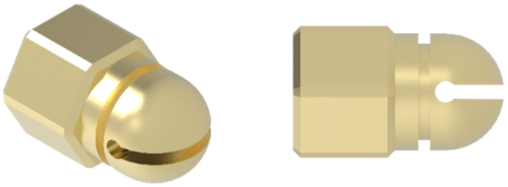
The AG-TFP nozzle is designed to protect the work area of paint booths by means of total-flooding dry chemical application. It is installed along the upper perimeter of the booth, releasing the dry chemical over the work area.



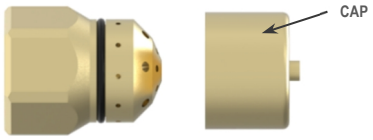
SIDITA 15 petrol stations nozzle

The SIDITA 15 nozzle is specially designed for the protection of petrol stations, particularly against fires caused by leaks and spills of flammable liquids.

It features a horizontal slotted opening that generates a flat discharge directed towards the base of the flame, allowing the powder to disperse across the ground and helping to counteract adverse environmental conditions. It has a 180° discharge angle, with the discharge range varying depending on wind speed.



ALL NOZZLES CAN BE INSTALLED WITH THEIR CORRESPONDING CAP TO PREVENT FOREIGN MATERIALS FROM BLOCKING THE DISCHARGE.



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