

WC/PT Series

Surface Fire Suppression

Wet Chemical

General Description

WC Series:

Any Spring Air hood can be factory pre-piped with a WC surface fire suppression system. The WC system is fusible link activated and comes with a mechanical gas valve. The fire suppression automan is shipped loose or mounted on the end of the hood. The final hookup is completed by a factory trained, certified technician.

PT Series:

Any Spring Air hood can be factory pre-piped with a PT surface fire suppression system. The PT system is thermostatically activated in the hood and comes with an electric gas valve. With a Piranha system any appliance can be located anywhere under the hood. (There are a few exceptions such as salamanders and upright broiler, consult factory for details.)

The fire suppression automan is shipped loose or mounted on the end of the hood. The final hookup is completed by a factory trained, certified technician.

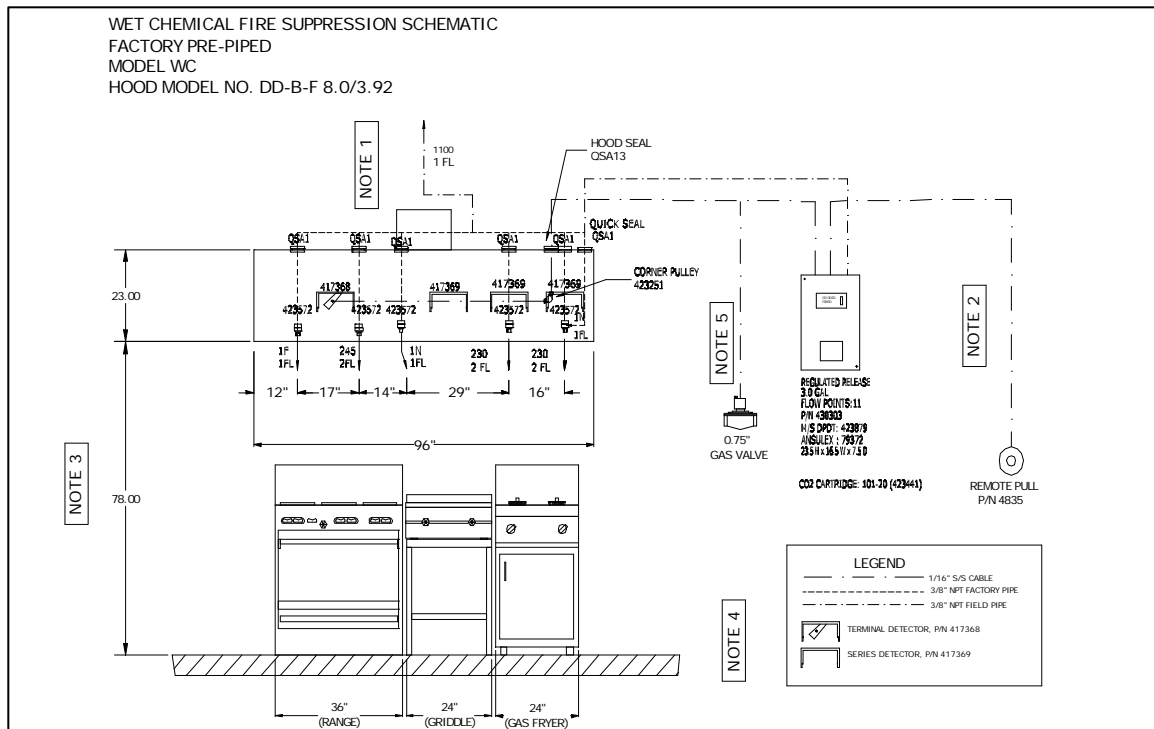
Ansul

Spring Air Systems has selected Ansul wet chemical system to be factory pre-piped. Ansul is specifically designed and listed for the suppression of fires in commercial kitchen cooking appliances, plenums, hoods and ducts. Each system operates automatically or may be operated manually.

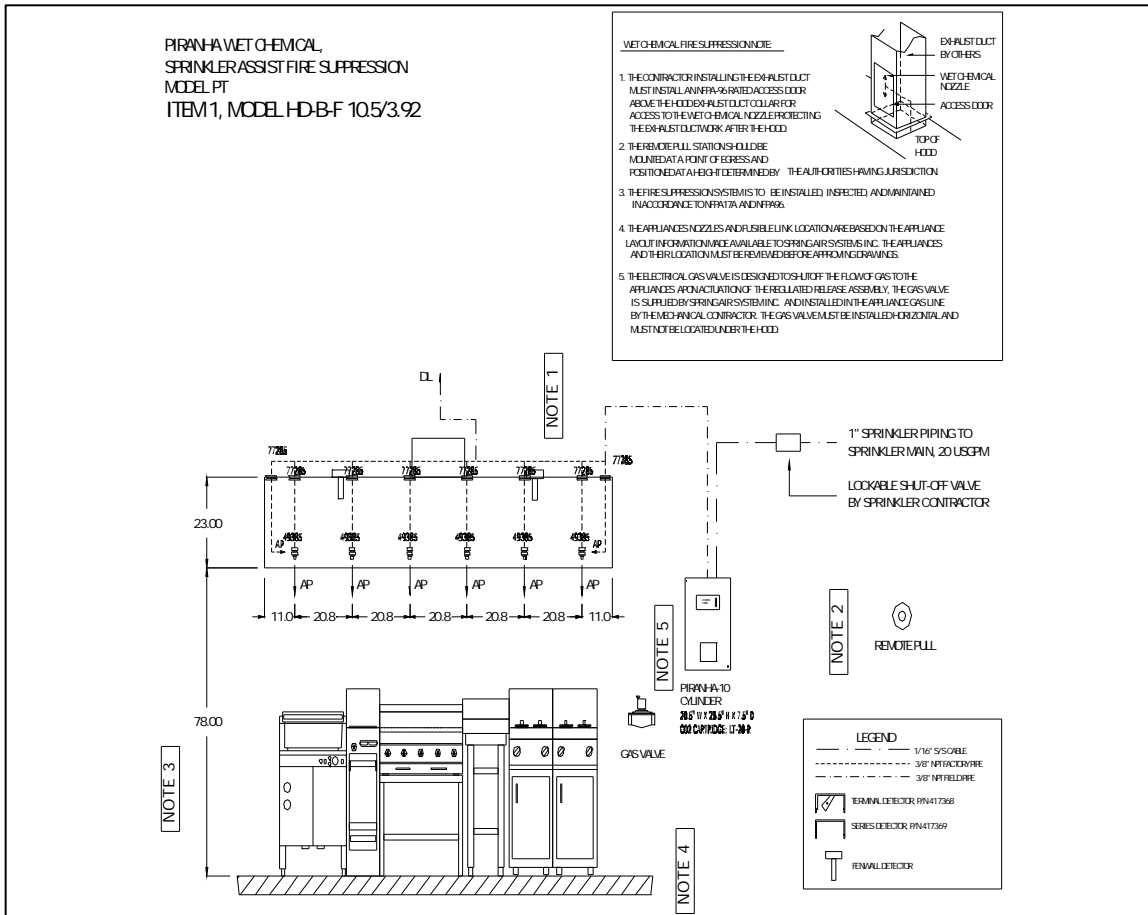
Agency Approvals:

- The Ansul wet chemical system complies with the requirements of the following agencies:
- Underwriters Laboratories Inc.
- Underwriters Laboratories of Canada
- California State Fire Marshal's Office
- New York City Board of Standards and Appeals.
- Building Officials & Code Administrators International (BOCA Research Report 80-3)

The Ansul system must be installed, inspected and maintained in accordance with NFPA17A, standard for wet chemical extinguishing systems, and NFPA96, vapor removal from cooking equipment.



Typical WC Wet Chemical Piping



Wet Chemical Fire Suppression Specification

The surface fire suppression shall be a Spring Air Systems Inc. Model No. WC/PT-___ Wet Chemical Fire System., UL/ULC listed, supplied and installed in accordance with NFPA-17A and NFPA-96 and all local and national code authorities.

Description:

The wet chemical systems shall be thermostatically fusible link activated. The hood manufacturer shall pre-pipe a wet chemical surface fire suppression system in the kitchen exhaust hood. The system shall be UL/ULC Listed, and supplied and installed in accordance with NFPA-96, NFPA-17A and all applicable provincial and local code requirements. All nozzles, links and pipes are to be factory pre-piped. Final hook up shall be the responsibility of the hood manufacturer and completed by factory trained and certified personnel. All nozzles and thermostats/fusible links shall be located to protect the appliances, hood plenum, and duct collar as required by local code. The

system shall be complete with a DPDT micro switch, a mechanical/electric gas valve, mechanical/electrical remote pull, wet chemical cylinder and control head, and all necessary piping.

Service:

All remote wiring shall be by electrical division. The electrical division shall supply and install a shunt trip where electrical appliances are present and interlock the system with the building fire alarm panel. The mechanical division shall install the mechanical/electrical gas valve.

Engineering Data

Item Number: _____
 Model Number: _____
 Number of Flow Points: _____
 Number & Size of Cylinders: _____
 Mechanical Gas Valve size: _____
 Electric Gas Valve size: _____