

## FireFlex® Vactec® System Configuration & Design Data

Contact name:
Project name:
Location:
Application:

### SYSTEM CONFIGURATION

<b>Type of System</b>		
Dry pipe : <input type="checkbox"/> Pre-action: Non interlock <input type="checkbox"/> Single-Interlock <input type="checkbox"/> Double-Interlock <input type="checkbox"/>		
Size: 3" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> 8" <input type="checkbox"/>		
<b>Cabinet Options</b>		
Galvanized main inlet & riser <input type="checkbox"/> Semi-Flanged outlet <input type="checkbox"/>		
<b>VFR-400 Control Panel Options</b> Specify voltage: <input type="checkbox"/> 120V / 60Hz <input type="checkbox"/> 220V / 50Hz		
Zones Programming:	<input type="checkbox"/> Single Zone (Zone 1 OR Zone 2)	<input type="checkbox"/> Crossed Zones (Zone 1 AND Zone 2)
	<input type="checkbox"/> Remote Annunciator Panel	<input type="checkbox"/> Class "A" (Style Z) Indicating Circuits
	<input type="checkbox"/> NYFD Kit (Incl. Class A Mods)	<input type="checkbox"/> Class "A" (Style D) Initiating Circuits
	<input type="checkbox"/> Los Angeles City Auxiliary Contacts	<input type="checkbox"/> Chicago City Auxiliary Contacts
	<input type="checkbox"/> Relay Module	

### DESIGN DATA

<b>Standard Hydraulic Calculation</b>			
Sprinkler used	Model	K factor	
System demand at base of the riser	USGPM	@	PSI
Most remote Sprinkler Pressure			PSI
Elevation (between system and remote sprinkler)			FEET
System Volume			USG

<b>Calculator input</b>			
Water Delivery Time Requirement			
Hazard:	Light <input type="checkbox"/>	Ordinary I <input type="checkbox"/>	Ordinary II <input type="checkbox"/> Extra I <input type="checkbox"/> Extra II <input type="checkbox"/> High piled <input type="checkbox"/> Other <input type="checkbox"/>
Nb. Sprinklers operating		Max.time (sec.)	
Time for Full flow		Sec.	
Maximum Pressure	PSI	Available water flow	USGPM

Note : System drawings are not required but of interest if available.