FireFlex® Vactec® System Configuration & Design Data

Contact name:  
Project name:  
Location:  
Application:  

**SYSTEM CONFIGURATION**

**Type of System**
- Dry pipe:  
- Pre-action: Non interlock  
- Single-Interlock  
- Double-Interlock  
- Size: 3" 4" 6" 8"

**Cabinet Options**
- Galvanized main inlet & riser  
- Semi-Flanged outlet  

**VFR-400 Control Panel Options**
- Specify voltage: 120V / 60Hz  
- 220V / 50Hz  
- Zones Programming: Single Zone (Zone 1 OR Zone 2)  
- Crossed Zones (Zone 1 AND Zone 2)  
- Remote Annunciator Panel  
- Class "A" (Style Z) Indicating Circuits  
- NYFD Kit (Incl. Class A Mods)  
- Class "A" (Style D) Initiating Circuits  
- Los Angeles City Auxiliary Contacts  
- Chicago City Auxiliary Contacts  
- Relay Module

**DESIGN DATA**

**Standard Hydraulic Calculation**

<table>
<thead>
<tr>
<th>Sprinkler used</th>
<th>Model</th>
<th>K factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>System demand at base of the riser</td>
<td>USGPM</td>
<td>@ PSI</td>
</tr>
<tr>
<td>Most remote Sprinkler Pressure</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elevation (between system and remote sprinkler)</td>
<td>FEET</td>
<td></td>
</tr>
<tr>
<td>System Volume</td>
<td>USG</td>
<td></td>
</tr>
</tbody>
</table>

**Calculator input**

**Water Delivery Time Requirement**
- Hazard: Light  
- Ordinary I  
- Ordinary II  
- Extra I  
- Extra II  
- High piled  
- Other  
- 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.