



Fluid Delivery Time reimaged. *Need to know more?*

12 questions about FDT answered

Fluid Delivery Time (FDT) is an updated, web-based fluid delivery time calculation tool from Johnson Controls, featuring a redesigned user interface for improved usability and functionality. Read the answers to the following frequently asked questions to find out more.

Q1. What does FDT software do?

A1. FDT software tells you:

- How long it will take the dry pipe valve to trip
- How long it will take the fluid to reach the open sprinkler(s)
- Whether you need an accelerator on your system

Q2. Can this save me money?

A2.

- FDT could reduce the number of dry pipe risers you need to purchase and install, by allowing designers to create larger systems not limited by volume restrictions, while knowing that time limits can be achieved
- FDT can identify the need for an accelerator, so you don't purchase one unnecessarily

Q3. If I don't have this software, how is a dry system tested?

A3.

- Trip and delivery-time testing has traditionally been done with stopwatches, radios and introducing water into a dry sprinkler system
- FDT allows for systems to be designed knowing when the fluid will arrive at the test sprinkler or remote sprinkler – before installation and before the bid

Q4. What if the building is cold before installation is started or complete?

A4. Some standards and authorities accept FDT test results in lieu of on-site testing. No need to disassemble and thaw out piping.

Q5. How do I communicate results to a reviewing authority?

A5. FDT generates detailed reports which can be formatted and printed with varying levels of information according to your needs.

Q6. What is the difference between SprinkFDT and FDT Software?

A6.

- FTD is a web-based version of the software, whereas SprinkFDT was a desktop version
- FDT can model sprinkler systems in 3D as well as wire frame graphics and has an all new, enhanced and easy-to-use interface
- FDT also provides cloud storage, customizable report options and an interactive user guide

Q7. Is there any other software available to calculate fluid delivery time?

A7. FDT contains the only UL Listed software engine capable of calculating fluid delivery time in accordance with the UL statements and limits on FDT calculation software.

Q8. Is FDT compatible with any other fire system design software?

A8. FDT will import calculation and CAD software files written in *.TYC3, *.TYCX, and *.TYCH file structures.

Q9. Can I get training for FDT software?

A9. In addition to the built-in tutorial and context-sensitive user manual, training is offered by your local Technical Services team at Johnson Controls.

Q10. Is this software approved by any agencies?

A10. FDT contains the only UL Listed software engine capable of calculating fluid delivery time in accordance with the UL statements and limits on FTD calculation software. Some authorities accept FDT calculations in lieu of physical testing. Consult your local reviewing authorities.

Q11. Can I design Fire Sprinkler Systems in the software?

A11. FDT's easy-to-use interface means you can create from scratch or import from other software that generate .TYC3, *.TYCX, and *.TYCH files. However, the software is only for calculation and reporting. FDT does not perform hydraulic calculations, also known as steady-state calculations.

Q12. How do I find out more information or purchase FDT Software?

A12. Call or contact your Johnson Controls representative or send an email to the SprinkCAD Support address in your region:

North, Central and South America

Email: sprinkcad.support@tycofp.com

Europe

Email: sprinkcad@tyco-bspd.com

Asia Pacific (APAC) / Middle East

E-mail: Sprinkcad-APAC@tycofp.com