

# Product Compliance Update

## SIGNIFICANCE OF UL 10C CERTIFICATION OF LAWRENCE HARDWARE'S LH6900C AND LH6900S CONCEALED AND SURFACE OVERHEAD STOPS

### LH6900S (SURFACE MOUNTING)



### LH6900C (CONCEALED MOUNTING)



UL 10C, formally known as the Standard for Positive Pressure Fire Tests of Door Assemblies evaluates how an entire door assembly, including door leaves, frames and installed hardware, performs under positive pressure fire conditions. In real fire scenarios, heat and pressure force flames and hot gases toward door openings. Unlike older neutral-pressure testing methods, positive-pressure testing more accurately replicates these real-world dynamics and aligns with modern code requirements such as the International Building Code (IBC) and NFPA standards.

For concealed stops, devices designed to control door swing and, in some configurations, provide hold-open functionality, UL 10C listing confirms they can withstand fire exposure without deformation, failure, or creating gaps that compromise the assembly. With performance validated up to 3 hours on hollow metal doors, the LH6900C and LH6900S stops help preserve the integrity of the fire barrier under extreme conditions.

Since fire doors are rated as complete assemblies, every hardware component must be suitable for fire-rated use. Installing non-listed auxiliary hardware can jeopardize the door's rating and lead to failed inspections or costly remediation. With UL 10C certification for its concealed stops, Lawrence Hardware strengthens its position in life-safety compliance by simplifying specification for architects and contractors, supports smoother inspections, and reduces risk for building owners. In markets where positive pressure testing is mandatory or expected, UL 10C certification serves as a clear differentiator, demonstrating reliability, durability and verified real-world fire performance. LH6900C & LH6900S offered by Lawrence Hardware represent a significant advancement in fire protection performance. It is no surprise the concealed stops are welcomed by industry experts as fully validated components of fire-rated door assemblies against easily available general auxiliary hardware in the market.