

# LiftMaster Fire Door Release Device Comparison Matrix

If all commercial buildings were the same, any fire door release device would do. But because they aren't, we offer different types of fire door release device systems, all of which are customizable. Use the chart below to compare LiftMaster® fire door release device features and benefits.

Features & Benefits	Description	XP	XPBB	AFCB
<b>Non-motorized door</b>	Door closing system for chain/crank hoist-operated doors or manually operated doors	•	•	
<b>Motorized door</b>	Fully automated door closing system when used in conjunction with mechanical or solid-state doors			•
<b>Time-delayed activation</b>	User-selectable feature that delays door closing to allow time for passage clearance. Factory default 10 seconds, maximum 60 seconds	•	•	•
<b>Testing function</b>	Allows routine fire door testing without requiring activation of the smoke detector or central alarm system	•	•	•
<b>Close door detection</b>	Prevents door reversal if the door is kept in the closed position. Eliminates door reset service calls or potential system damage	•	•	•
<b>Two smoke detector loops</b>	Normally open and normally closed for smoke or heat detectors	•	•	
<b>Power detection devices</b>	Provides power (24VDC) for up to four 2-wire smoke detectors		•	•
<b>On-board diagnostic LEDs</b>	Allows monitoring of alarm inputs, outputs, and ground fault	•	•	•
<b>Trouble and alarm relays</b>	For the transmission of alarm and trouble signals to the fire alarm control panel	•	•	
<b>Multiple power options</b>	Release device operates on 120VAC, 24VAC, or 24VDC		•	
<b>Form C dry contact type activation</b>	For activation of auxiliary devices			•
<b>Internal battery backup charging system</b>	Provides power to the release device to prevent door release during long power outages. Also provides power for up to four smoke/heat detectors and two horn/strobes		•	•
<b>24VDC alarm output</b>	For an optional notification device such as a horn/strobe or speaker/strobe		•	•
<b>Motor voltage sensing</b>	Monitors voltage to the operator and activates a mechanical door release upon loss of power to the operator			•
<b>Obstruction cycling</b>	Works with the door's safety edge system to reverse the door if obstructed. Will attempt door closure up to three times before allowing the door to rest upon an obstruction or gravity drop (user-selectable)			•
<b>Remote test switch</b>	Disables the obstruction cycling feature to allow testing of a door without a mechanical release			•
<b>Optional response upon power loss</b>	Select between door closures by mechanical release immediately upon loss of power, or standard operation from battery backup power			•
<b>DIP switch selection</b>	Safety feature functions are user-selectable			•
<b>Optional voice board</b>	Provides one of two verbal warnings when the fire door is closing. Can be used in conjunction with up to two speaker/strobes		•	•
<b>Two standard voice warnings</b>	Selected by DIP switch settings, indicating that an emergency condition exists and that the door opening should be cleared prior to closure		•	•