



**General Information:** Door Closers are mechanical devices that use tension springs and hydraulics to control the closing and latching speed of a door. Door Closers are primarily used on Fire Doors to restrict the movement of smoke and heat into the path of egress. Door Closers are also used on exterior doors to help maintain temperature inside a structure and provide constant latching to help maintain physical security. Door Closers come in a variety of types, but regardless of the different types, they all perform the same basic functions.

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**Surface Closers:** A surface closer is mounted on the interior or exterior side of the door and jamb. This closing device can be mounted in four different configurations, Regular Arm , Parallel Arm, Top Jamb and Slide Track.

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**Concealed in The Door:** This closer body is concealed in the top of the door and is invisible when the door is closed. This closer provides better aesthetics and greater security since the closer is hidden.

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**Concealed in The Head:** This type of closer is also known as as a “Transom Closer” This closer is concealed in the door frame. This type of closer provides better aesthetics but is more labor intensive to install and remove. One advantage of this type of installation, is that the door can swing in two directions rather that just one.

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**Concealed in The Floor:** This type of closer is also known as as a “Floor Closer” This closer is concealed in the floor. Concealed in the floor closers usually have mechanical dead stop, built in to provide a physical hard stop for the door without having to use the door frame, a special arm or an auxiliary door stop. One advantage of this type of installation, is that the door can swing in two directions rather that one.