

Suggested Engineering Specifications Clopay Model 811 Chain-Link Security Door

To provide a CHAIN-LINK SECURITY DOOR which shall be installed in conjunction with an existing overhead or side sliding or rolling steel type door. The CHAIN-LINK SECURITY DOOR shall use either the existing door's vertical track, or a separate dual track that shall mount behind the existing door.

The operation shall allow either the standard door or the CHAIN-LINK SECURITY DOOR to be lowered. The CHAIN-LINK SECURITY DOOR shall provide free area for ventilation, while restricting access to unauthorized entry.

A separate track shall be used to allow independent door operation. This is the preferred configuration. As an alternative, a track switch may be used, if required for close spacing. The track switch shall allow the CHAIN-LINK SECURITY DOOR and existing door to share the lower vertical track. The track switch shall be installed in the existing track and provide automatic switching between the existing door and the CHAIN-LINK SECURITY DOOR.

The CHAIN-LINK SECURITY DOOR frame shall be 2-1/2 inch by 1-1/2 inch, aluminum extrusions. The corners shall be **internally** braced with 10 gauge galvanized steel plates. The fence screen material shall be captivated within the aluminum frame. The mounting hardware shall be standard commercial grade, 11 gauge, 2 inch or 3 inch ten ball long stem rollers and track. The deep reverse angle used for rolling steel doors shall be of 14 gauge galvanized steel construction. Bottom bumpers shall be provided for a soft closing. The springs shall have a minimum 15,000 cycle life.

The CHAIN-LINK SECURITY DOOR height to be a multiple configuration of 4' 1" and/or 5' 1" panels, with a maximum door size of 16' 2" wide x 20' 4" high.

The fence screening material shall be 11 gauge galvanized steel as follows:

	<u>WIRE DIAMETER</u>	<u>OPENING SIZE</u>
STANDARD Galvanized	0.120 inch	2 inch Diamonds