

Suggested Engineering Specifications Clopay Model 812 Screen Door System

To provide a screen type door which shall be installed in conjunction with an existing overhead or side sliding or rolling steel type door. The screen 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 screen door to be lowered. The screen door shall provide free area for ventilation, while restricting access for insects, birds, animals, or other unauthorized entry.

A track switch shall be installed in the existing track to provide automatic switching between the existing and screen door. A separate dual track with appropriate brush seal may be used as an alternative to the track switch to allow independent door operation, as with a dual track and rolling door application.

The screen door's frame shall be 1 1/2" or 1 7/8" thick, all aluminum construction with extruded aluminum rails. The mounting hardware shall be standard commercial grade 2" or 3" ten ball rollers, track, and galvanized steel 11 gauge hinges. The deep reverse angle used for rolling steel doors shall be of 14 gauge galvanized steel construction.

The springs shall have a minimum 15,000 cycle life.

Screening shall be 304 stainless steel in either of the following configurations:

	<u>MESH</u>	<u>WIRE DIA</u>	<u>OPENING SIZE</u>	<u>FREE AREA</u>
STANDARD	12x12	0.023"	0.0603 IN. SQ.	51.8%
FINE	30x30	0.011"	0.0223 IN. SQ.	44.8%

MEETS FEDERAL SPECIFICATION STANDARD A-A-1037B DATED APRIL 19, 1990 FOR TYPE I, CLASS I WIRE FABRIC.

MEETS THE ASTM STANDARD SPECIFICATION FOR INDUSTRIAL WIRE CLOTH AND SCREENS, DESIGNATION E 437-85.