

SOUTHERN MANUFACTURING

A Division of 

NEMA Traffic Enclosures

Southern Manufacturing offers a series of NEMA Traffic Enclosures for the traffic industry. Available in different mounting styles with standard NEMA bolt patterns as required, we have several styles currently used for various applications.

Doors & Locks: All Southern Manufacturing doors used in NEMA Traffic enclosures are constructed from T5052 sheet aluminum, with a double flange around the entire door area. A cellular neoprene gasket is affixed to the door to ensure a tight weather seal. Hinges are continuous 14-gauge stainless steel and are secured with stainless steel carriage bolts. Standard equipment includes a three point locking system, which secures the door at the top, bottom and center. A #2 lock with two keys is supplied for all NEMA Traffic style enclosures.

Southern Manufacturing leads the industry with our 3 position door stop bracket. This feature allows the user to set the door at three separate pre-designated stop points for ease of access and to secure the door from wind gusts. Door locking rods are 1/4"x3/4" aluminum turned edgeways with 1" nylon rollers. The main door handle is 3/4" diameter stainless steel. A double door switch mounting bracket is standard and installed at the top of the door opening. A bracket for up to six switches may be installed upon request. A police door is offered on our NEMA Traffic Enclosures, and generator compartments may be added. A skeleton lock is provided with all Police or generator compartments.

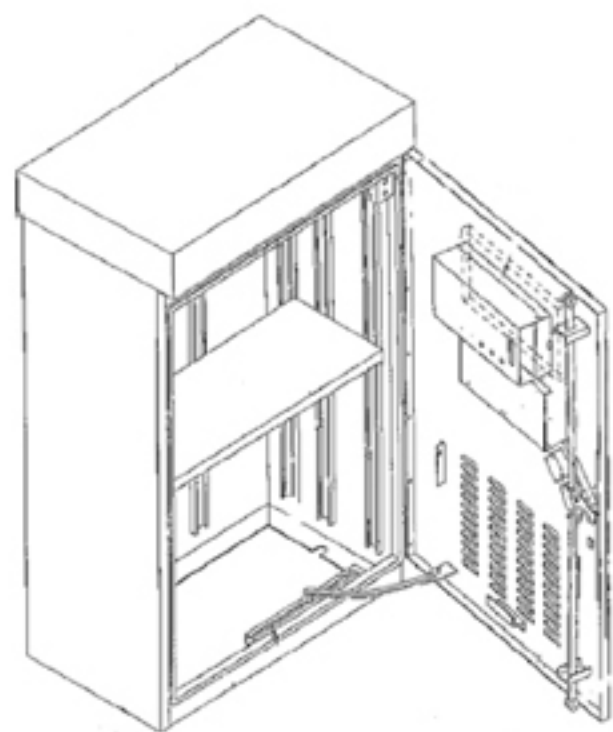


Ventilation: Vent slots are provided on the underside of the enclosure roof overhang and louver slots are formed in the lower portion of the main door. This creates a natural movement of air and has a cooling effect on the electrical equipment. These slots may be screened upon request. Southern offers fiberglass filters, aluminum filters, fans, lights, air conditioners, heat regulators and thermostats.

Material: All our enclosures are produced with T5052 H32 .125" sheet aluminum. This includes all panels, doors, bodies and shelves. Our rack angle is made with cold rolled zinc plated steel. The standard finish is mill aluminum; however we offer additional finishes as your specifications require. Southern Manufacturing matches Federal Standard 595B Paint Colors and RAL for powder coat selection.

Shelves: Full width shelves, adjustable to the height of each cabinet are available in all NEMA Traffic Enclosures. C-Channel mounting rails are installed in back and along each side per your request. Back and Side panels are available to meet your specifications.

NEMA Traffic Enclosures for:
Electronic Protection **Electrical Connectors**
Weather Protection **Signal Systems**



NEMA TRAFFIC ENCLOSURES

These are industry standard NEMA Traffic Enclosures with available options. We make any size and configuration you need. Call for a quote!

STD = These items are standard

OPT = These items are optional

*These are standard configurations. Others are available. Please call

NEMA Traffic Enclosures	Enclosure No.	Approximate Weight Lbs.	All Mounting Styles	3 Position Door Stop	Sloped Roof	Switch Mounting Bracket	Back &/Or Side Panel	Rear Door	Police Door	Generator Compartment	Louvered Vents	Corbin Locks	C-Channel Rails	Rack Angle	Painted /Or Powder Coat	Light &/Or Bracket	Fan &/Or Bracket	Sunshield	Shelves	Heater
32H20W14D	III	66	STD	STD	STD	STD	OPT	OPT	OPT	OPT	STD	STD	STD	OPT	OPT	OPT	OPT	OPT	OPT	OPT
36H36W24D	III	88	STD	STD	OPT	STD	OPT	OPT	OPT	OPT	STD	STD	STD	OPT	OPT	OPT	OPT	OPT	OPT	OPT
41H24W16D	III	114	STD	STD	STD	STD	OPT	OPT	OPT	OPT	STD	STD	STD	OPT	OPT	OPT	OPT	OPT	OPT	OPT
41H25W16D	III	120	STD	STD	STD	STD	OPT	OPT	OPT	OPT	STD	STD	STD	OPT	OPT	OPT	OPT	OPT	OPT	OPT
50H30W16.5D	IV	137	STD	STD	STD	STD	OPT	OPT	OPT	OPT	STD	STD	STD	OPT	OPT	OPT	OPT	OPT	OPT	OPT
50H30W20D	IV	142	STD	STD	OPT	STD	OPT	OPT	OPT	OPT	STD	STD	STD	OPT	OPT	OPT	OPT	OPT	OPT	OPT
50H30W30D	IV	155	STD	STD	STD	STD	OPT	OPT	OPT	OPT	STD	STD	STD	OPT	OPT	OPT	OPT	OPT	OPT	OPT
50H36W16.5D	IV	159	STD	STD	STD	STD	OPT	OPT	OPT	OPT	STD	STD	STD	OPT	OPT	OPT	OPT	OPT	OPT	OPT
51H25W16D	IV	128	STD	STD	STD	STD	OPT	OPT	OPT	OPT	STD	STD	STD	OPT	OPT	OPT	OPT	OPT	OPT	OPT
60H30W16.5D	IV	164	STD	STD	STD	STD	OPT	OPT	OPT	OPT	STD	STD	STD	OPT	OPT	OPT	OPT	OPT	OPT	OPT
60H36W16.5D	IV	175	STD	STD	STD	STD	OPT	OPT	STD	OPT	STD	STD	STD	OPT	OPT	OPT	OPT	OPT	OPT	OPT
59H40W26D	V	206	STD	STD	STD	STD	OPT	OPT	STD	OPT	STD	STD	STD	OPT	OPT	OPT	OPT	OPT	OPT	OPT
59H44W26D	V	231	STD	STD	STD	STD	OPT	OPT	STD	OPT	STD	STD	STD	OPT	OPT	OPT	OPT	OPT	OPT	OPT
75H40W26D	VI	240	STD	STD	STD	STD	OPT	OPT	STD	OPT	STD	STD	STD	OPT	OPT	OPT	OPT	OPT	OPT	OPT
75H44E26D	VI	250	STD	STD	STD	STD	OPT	OPT	STD	OPT	STD	STD	STD	OPT	OPT	OPT	OPT	OPT	OPT	OPT



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