### **Instrument Housing Products**









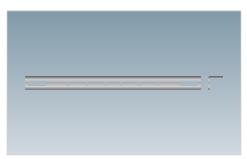
**Instrument Houses** 

H1 - H2 Instrument Cases

H3 - H4 Pedestal Boxes H5 - H10







**Battery Trays and Racks** 

H11 - H14 Apparatus Boxes

H15 - H18 Relay Bars and Shelves

H19 - H22



**Environmental Control Systems** 

H23 - H26





Model A058400 Instrument House shown for reference purposes only! Actual unit selected may vary in mounting and features.

**SIEMENS** Instrument Houses are available in several sizes and configurations. Available in welded aluminum or steel shell construction with doors that can be completely removed or locked at 90° open position with included hooks and locking rods. Doors can be designed in a variety of arrangements.

### **Features**

- Meets or exceeds applicable AREMA® specifications
- Available in multiple standard sizes from 4' (1.22m) x 4' (1.22m) to 8' (2.44m) x 8' (2.44m)
   (other sizes may be available upon client request)
- Adjustable legs are for leveling of foundations
- Interior aerial outlet standard
- Interior ground terminal plate standard
- Interior light standard
- Exterior generator outlet standard
- Medium density fiberboard interior finished panels painted with fire retardant paint
- Ventilation louvers equipped with covers to reduce possible pests
- Steel shell variants are painted with primer and finish coated with aluminized paint
- Customizable interior configurations including wire chases, insulation, equipment racks / shelves and environmental control systems to host any client desired power and control components

						11000
CIENTENS		Dimensions			erial	
<b>SIEMENS</b> Part Number	Width	Depth	Height	Aluminum	Steel	Weight
4' x 4' Houses						
NYK:058400-44-XX	4 ft (1.22 m)	4 ft (1.22 m)	8 ft 7 5/8 in (2.63 m)	X	-	750.0 lbs (340.19 kgs)
NYK:051600-44-XX	4 ft (1.22 m)	4 ft (1.22 m)	8 ft 7 5/8 in (2.63 m)	-	X	920.0 lbs (417.31 kgs)
4' x 6' Houses						
NYK:058400-46-XX	4 ft (1.22 m)	6 ft (1.83 m)	8 ft 7 5/8 in (2.63 m)	Х	-	950.0 lbs (430.91 kgs)
NYK:051600-46-XX	4 ft (1.22 m)	6 ft (1.83 m)	8 ft 7 5/8 in (2.63 m)	-	X	1,220.0 lbs (553.38 kgs)
6' x 6' Houses						
NYK:058400-66-XX	6 ft (1.83 m)	6 ft (1.83 m)	8 ft 9 3/4 in (2.69 m)	X	-	1,150.0 lbs (521.63 kgs)
NYK:051600-66-XX	6 ft (1.83 m)	6 ft (1.83 m)	8 ft 9 3/4 in (2.69 m)	-	X	2,020.0 lbs (916.26 kgs)
6' x 8' Houses						
NYK:058400-68-XX	6 ft (1.83 m)	8 ft (2.44 m)	8 ft 9 3/4 in (2.69 m)	X	-	1,350.0 lbs (612.35 kgs)
NYK:051600-68-XX	6 ft (1.83 m)	8 ft (2.44 m)	8 ft 9 3/4 in (2.69 m)	-	X	2,420.0 lbs (1,097.69 kgs)
8' x 8' Houses						
NYK:058400-88-XX	8 ft (2.44 m)	8 ft (2.44 m)	9 ft 10 in (2.99 m)	Х	-	1,550.0 lbs (703.07 kgs)
NYK:051600-88-XX	8 ft (2.44 m)	8 ft (2.44 m)	9 ft 10 in (2.99 m)	-	X	2,820.0 lbs (1,279.13 kgs)





Model A545210 Instrument Case shown for reference purposes only! Actual unit selected may vary in mounting and features.

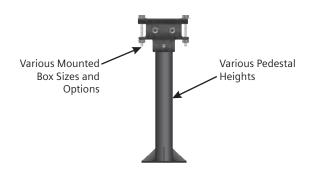
**SIEMENS** Instrument Cases are available in several sizes and configurations. Available in welded aluminum or steel shell construction with doors that can be completely removed or locked at 90° open position with included hooks and locking rods. Doors can be designed in a variety of arrangements.

### **Features**

- Meets or exceeds applicable AREMA® specifications
- Available in multiple standard sizes from 41" (1.04 m) to 81" (5.08 m) wide (other sizes may be available upon client request)
- Interior aerial outlet standard
- Interior ground terminal plate standard
- Interior light standard
- Exterior generator outlet standard
- Ventilation louvers equipped with covers to reduce possible pests
- Steel shell variants are painted with primer and finish coated with aluminized paint
- Customizable interior configurations including wire chases, insulation, equipment racks / shelves and environmental control systems to host any client desired power and control components

<b>SIEMENS</b> Part Number	Dimensions			Material			
	Width	Depth	Height	Aluminum	Steel	Weight	
41" Wide Cases							
NYK:545210-410000	3 ft 5 in (1.04 m)	2 ft (0.61 m)	5 ft 1 3/4 in (1.57 m)	X	-	245.0 lbs (111.13 kgs)	
NYK:567200-410000	3 ft 5 in (1.04 m)	2 ft (0.61 m)	5 ft 1 3/4 in (1.57 m)	-	X	380.0 lbs (172.37 kgs)	
NYK:545110-410000	3 ft 5 in (1.04 m)	2 ft (0.61 m)	6 ft 2 3/4 in (1.90 m)	Х	-	265.0 lbs (120.20 kgs)	
NYK:567100-410000	3 ft 5 in (1.04 m)	2 ft (0.61 m)	6 ft 2 3/4 in (1.90 m)	-	X	410.0 lbs (185.97 kgs)	
60" Wide Cases							
NYK:545210-600000	5 ft (1.52 m)	2 ft (0.61 m)	5 ft 1 3/4 in (1.57 m)	X	-	325.0 lbs (147.42 kgs)	
NYK:567200-600000	5 ft (1.52 m)	2 ft (0.61 m)	5 ft 1 3/4 in (1.57 m)	-	X	460.0 lbs (208.65 kgs)	
NYK:545110-600000	5 ft (1.52 m)	2 ft (0.61 m)	6 ft 2 3/4 in (1.90 m)	X	-	365.0 lbs (165.56 kgs)	
NYK:567100-600000	5 ft (1.52 m)	2 ft (0.61 m)	6 ft 2 3/4 in (1.90 m)	-	X	490.0 lbs (222.26 kgs)	
81" Wide Cases							
NYK:545210-810000	6 ft 9 in (2.06 m)	2 ft (0.61 m)	5 ft 1 3/4 in (1.57 m)	X	-	525.0 lbs (238.14 kgs)	
NYK:567200-810000	6 ft 9 in (2.06 m)	2 ft (0.61 m)	5 ft 1 3/4 in (1.57 m)	-	Х	560.0 lbs (254.01 kgs)	
NYK:545110-810000	6 ft 9 in (2.06 m)	2 ft (0.61 m)	6 ft 2 3/4 in (1.90 m)	X	-	545.0 lbs (247.21 kgs)	
NYK:567100-810000	6 ft 9 in (2.06 m)	2 ft (0.61 m)	6 ft 2 3/4 in (1.90 m)	-	X	620.0 lbs (281.23 kgs)	



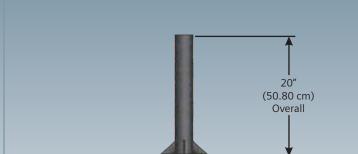


Model A091463 Pedestal Mount Junction Box shown for reference purposes only! Actual unit selected may vary in mounting and features.

**SIEMENS** Pedestal Mounted box assemblies are available in several sizes and configurations. Cast iron box construction provides weathertight rugged protection against the elements while providing flexibility to place pedestal virtually anywhere.

## 0 7 1/2" (19.05 m) Wide

- Weight is approx. 26.0 lbs. (11.79 kgs.)
- Ø 2 7/8" (7.30 cm) pipe on Ø 7 1/2" (19.05 cm) base, 14 1/2" (36.83 cm) long



• Weight is approx. 36.0 lbs. (16.33 kgs.)

Ø 7 1/2"

(19.05 m)· Wide

• Ø 2 7/8" (7.30 cm) pipe on Ø 7 1/2" (19.05 cm) base, 20" (50.80 cm) long

### NYK:093463-89

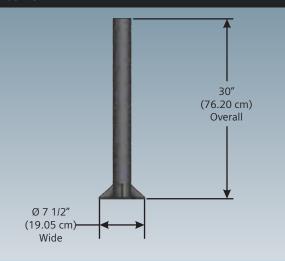
NYK:093313-7

## Ø 7 1/2" (19.05 m) Wide

- Weight is approx. 38.0 lbs. (17.24 kgs.)
- Ø 2 7/8" (7.30 cm) pipe on Ø 7 1/2" (19.05 cm) base, 20" (50.80 cm) long
- Wire chase boot opening

### NYK:093463-X3

NYK:093463-11



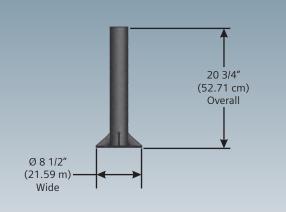
- Weight is approx. 48.0 lbs. (16.33 kgs.)
- Ø 2 7/8" (7.30 cm) pipe on Ø 7 1/2" (19.05 cm) base, 30" (76.20 cm) long

### NYK:091313-BX NYK:091463-BX • Weight is approx. 14.0 lbs. (6.35 kgs.) • Weight is approx. 14.0 lbs. (6.35 kgs.) • Ø 5 3/4" (14.61 cm) x 8" (20.32 cm) tall, • 5 7/8" (14.92 cm) Wide x 4 1/2" (11.43 cm) Deep x 3" (7.62 cm) Tall Type 463 rectangular terminal box design Type 313 round terminal box design • Integral base coupler to mount to Series One pedestals (7" (17.78 cm) overall with mounting feet) Neoprene gasket • Integral base coupler to mount to Series One pedestals Neoprene gasket NO terminal blocks NO terminal blocks NYK:091626-BX NYK:091463-224X • Weight is approx. 16.0 lbs. (7.26 kgs.) • Weight is approx. 50.0 lbs. (22.68 kgs.) • 6 3/8" (16.19 cm) Wide x 5 5/8" (14.29 cm) Deep x 3 3/4" (9.53 cm) Tall • (1) NYK:091463-BX terminal box assembly Type 626 rectangular terminal box design • (1) NYK:093463-11 Series One pedestal (7" (17.78 cm) overall with mounting feet) • (2) NYK:023274-23X terminal blocks • (2) 007326 1/2" NPT cord grips • Integral base coupler to mount to Series One pedestals Neoprene gasket NO terminal blocks

### Ø 8 1/2" (21.59 m) Wide

- Weight is approx. 26.0 lbs. (11.79 kgs.)
- Ø 3 1/2" (8.89 cm) pipe on Ø 8 1/2" (21.59 cm) base, 14 1/2" (36.83 cm) long

### NYK:093374-26



- Weight is approx. 26.0 lbs. (11.79 kgs.)
- Ø 3 1/2" (8.89 cm) pipe on Ø 8 1/2" (21.59 cm) base, 20 3/4" (52.71 cm) long

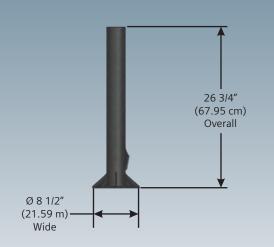
### NYK:093374-28

NYK:093374-4

## Ø 8 1/2" (21.59 m) Wide

- Weight is approx. 26.0 lbs. (11.79 kgs.)
- Ø 3 1/2" (8.89 cm) pipe on Ø 8 1/2" (21.59 cm) base, 14 3/4" (37.47 cm) long
- Wire chase boot opening

### NYK:093374-27



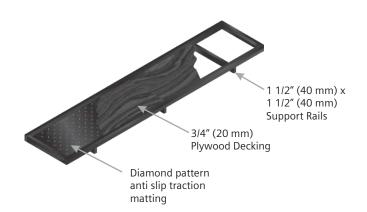
- Weight is approx. 26.0 lbs. (11.79 kgs.)
- Ø 3 1/2" (8.89 cm) pipe on Ø 8 1/2" (21.59 cm) base, 26 3/4" (67.95 cm) long
- Wire chase boot opening

### NYK:091428-CBX NYK:091428-223BX • Weight is approx. 26.0 lbs. (11.79 kgs.) including hardware • Weight is approx. 26.0 lbs. (11.79 kgs.) including hardware 10" (25.4 cm) Wide x 7" (17.78 cm) Deep x 4 1/2" (2.04 cm) Tall • 10" (25.4 cm) Wide x 7" (17.78 cm) Deep x 4 1/2" (2.04 cm) Tall Type 428 rectangular terminal box design Type 428 rectangular terminal box design (12" 3/4 (32.39 cm) Wide x 7 3/4" (19.69 cm) Deep x 13" (33.02 cm) Tall (12" 3/4 (32.39 cm) Wide x 7 3/4" (19.69 cm) Deep x 13" (33.02 cm) Tall overall with hardware and integral base coupler) overall with hardware and integral base coupler) • (1) 1 1/2"-11 1/2 NPT threaded hole for fittings Integral base coupler to mount to Series Four pedestals Neoprene gasket • Integral base coupler to mount to Series Four pedestals NO terminal blocks Neoprene gasket NO terminal blocks NYK:091428-1ABX NYK:091608-BX

- Weight is approx. 34.0 lbs. (15.88 kgs.)
- 10" (25.4 cm) Wide x 7" (17.78 cm) Deep x 4 1/2" (2.04 cm) Tall Type 428 rectangular terminal box design (11" (27.94 cm) Wide x 10 3/16" (25.88 cm) Deep x 9" (22.86 cm) Tall overall with turn clasp, hinges and integral base coupler)
- Integral base coupler to mount to Series Four pedestals
- Neoprene gasket
- NO terminal blocks

- Weight is approx. 28.0 lbs. (12.70 kgs.) including hardware
- 10" (25.4 cm) Wide x 10" (25.4 cm) Deep x 4 1/2" (2.04 cm) Tall Type 428 rectangular terminal box design (12" 3/4 (32.39 cm) Wide x 10 3/4" (27.31 cm) Deep x 13" (33.02 cm) Tall overall with hardware and integral base coupler)
- Integral base coupler to mount to Series Four pedestals
- Neoprene gasket
- NO terminal blocks





Model A058400 Instrument House shown for reference purposes only! Actual unit selected may vary in mounting and features.

**SIEMENS** Battery Trays are constructed for superior stability and rugged use. Made of plywood to prevent possible battery charge leakage. Then all joints are sealed with waterproof silicon beading in case of any type of spill or leakage inside the tray. Next they are coated with one of numerous specified finishes to prevent damage. Finally a diamond pattern tread anti slip traction matting is installed.

### **Features**

- Available in multiple lengths
- 3/4" Plywood decking and sides
- 1 1/2" (40 mm) x 1 1/2" (40 mm) (nominal) support rails
- Red oxide primer standard
- Silicon sealed waterproofed joints
- Various interior finishes available

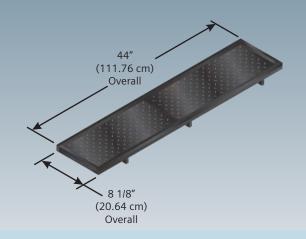
### Standard options

- Gray, white and black color
- Fire retardant latex, black acid resistance or water based enamel coating
- Diamond pattern tread anti slip traction matting

### NYK:170999-2 NYK:170999-1

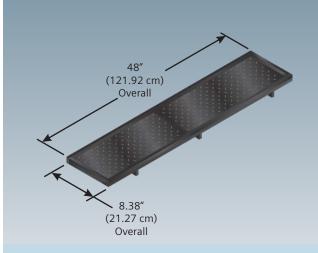


- Weight is approx. 8 lbs. (3.63 kgs.)
- 38" (96.50 cm) Wide x 8 1/8" (20.64 cm) Deep x 2 1/2" (6.35 cm) Tall
- 3/4" Plywood flooring
- Red oxide primer and black acid resistant finish
- (3) Support rails

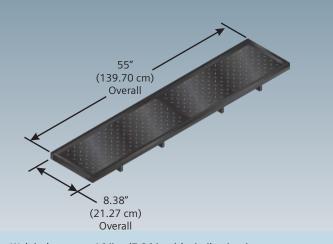


- Weight is approx. 10 lbs. (4.54 kgs.)
- 44" (111.76 cm) Wide x 8 1/8" (20.64 cm) Deep x 2 1/2" (6.35 cm) Tall
- 3/4" Plywood flooring
- Red oxide primer and black acid resistant finish
- (3) Support rails

### NYK:170999-3 NYK:170999-4



- Weight is approx. 12 lbs. (5.44 kgs.) including hardware
- 48" (121.92 cm) Wide x 8 3/8" (21.27 cm) Deep x 2 1/2" (6.35 cm) Tall
- 3/4" Plywood flooring
- Red oxide primer and black acid resistant finish (Other finishes available upon request)
- Diamond pattern tread anti slip traction matting
- (3) Support rails



- Weight is approx. 16 lbs. (7.26 kgs.) including hardware
- 55" (139.70 cm) Wide x 8 3/8" (21.27 cm) Deep x 2 1/2" (6.35 cm) Tall
- 3/4" Plywood flooring
- Red oxide primer and black acid resistant finish (Other finishes available upon request)
- Diamond pattern tread anti slip traction matting
- (3) Support rails

### NYK:170999-7



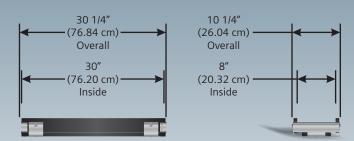
- Weight is approx. 6 lbs. (2.72 kgs.) including hardware
  26" (66.04 cm) Wide x 9 1/2" (24.13 cm) Deep x 2 1/2" (6.35 cm) Tall
- 3/4" Plywood flooringRed oxide primer and black acid resistant finish (Other finishes available upon request)
- Diamond pattern tread anti slip traction matting
- (3) Support rails

### NYK:170999-6



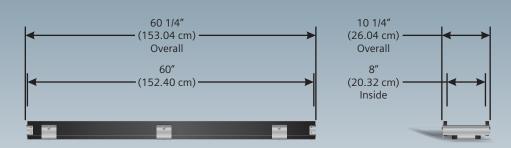
- Weight is approx. 24 lbs. (10.89 kgs.) including hardware
- 68" (172.72 cm) Wide x 9 1/2" (24.13 cm) Deep x 2 1/2" (6.35 cm) Tall 3/4" Plywood flooring
- Red oxide primer and black acid resistant finish (Other finishes available upon request)
- Diamond pattern tread anti slip traction matting
- (4) Support rails

### NYK:051639-78X



- Weight is approx. 6 lbs. (2.72 kgs.) including hardware
- 30 1/4" (76.84 cm) Wide x 10 1/4" (26.04 cm) Deep x 3 15/16" (10.02 cm) Tall
- 3/4" Plywood flooring
- Red oxide primer and black acid resistant finish
- Aluminum support bracing
- (1) Tier

### NYK:051640-52X1



- Weight is approx. 10 lbs. (4.54 kgs.) including hardware
- 60 1/4" (153.04 cm) Wide x 10 1/4" (26.04 cm) Deep x 3 15/16" (10.02 cm) Tall
- 3/4" Plywood flooring
- Red oxide primer and black acid resistant finish
- Aluminum support bracing
- (1) Tier





Model A151504 Apparatus Box shown for reference purposes only! Actual unit selected may vary in mounting and features.

**SIEMENS** Apparatus Boxes assemblies are available in several sizes and configurations. Cast iron or aluminum box construction provides weathertight rugged protection against the elements while providing flexibility to place virtually anywhere.

The careful machining of these castings assures proper alignment of covers to housings. Gaskets are located between the cover and box to provide a weathertight seal.

Available for use with these boxes are a variety of connectors, adapter plates, outlets, and ventilators.

Equipment to be used in these boxes, such as terminals, arresters, resistors, etc., may be found in their appropriate sections of this catalog. Terminal boards of 3/4 inch wood, mounted in bottom of box, can be supplied for mounting of equipment.

### NYK:151504-201A NYK:151504-201X



### Apparatus Box 5" (12.70 cm) X 6" (15.24 cm) (Empty)

- Weight is approx. 10.6 lbs. (4.81 kgs.)
- (1) NYK:151504-201A apparatus box
- (1) NYK:132136-T11672 3 position switch



### Apparatus Box 5" (12.70 cm) X 6" (15.24 cm) (Empty w/ Pushbutton)

- Weight is approx. 11.9 lbs. (5.40 kgs.)
- (1) NYK:151504-201A apparatus box
- (1) NYK:025100-X100 start pushbutton

### NYK:151504-204X



### Apparatus Box 5" (12.70 cm) X 6" (15.24 cm) (Empty w/ Pushbutton and 2 Position Lever Switch)

- Weight is approx. 12.6 lbs. (5.72 kgs.)
- (1) NYK:151504-201A apparatus box
- (1) NYK:025100-X101, 2 position lever switch
- (1) NYK:026160-37 black pushbutton
- (1) NYK:026160-38 red pushbutton

### NYK:151504-X258



### Apparatus Box 5" (12.70 cm) X 6" (15.24 cm) (Empty w/ Pushbutton and 2 Position Signal Switch)

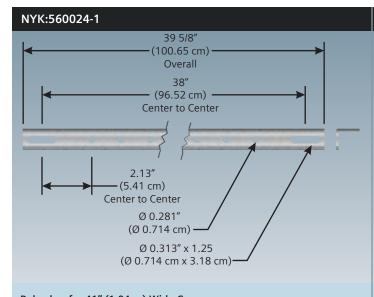
- Weight is approx. 12.4 lbs. (5.62 kgs.)
- (1) NYK:151504-201A apparatus box
- (1) NYK:132136-T11672 3 position switch

# Apparatus Box 5" (12.70 cm) X 6" (15.24 cm) (Empty w/ 3 Position Key Switch) • Weight is approx. 12.4 lbs. (5.62 kgs.) • (1) NYK:151504-2014 apparatus box • (1) NYK:151525-X29, 3 way key switch NYK:151525-X29, 3 way key switch NYK:151525-X29, 3 way key switch 5.00" (12.70 cm) X 6" (15.24 cm) Apparatus Box with 2 Way Key Switch • Weight is approx. 12.4 lbs. (5.62 kgs.) • (1) NYK:151525-X30, 2 way key switch



Model A560024 Relay Bars shown for reference purposes only! Actual unit selected may vary in mounting and features.

**SIEMENS** Relay Bars and Shelves are constructed out of steel strips and allow for mounting of relays or components virtually anywhere in any instrument house or case.



### Relay bar for 41" (1.04 m) Wide Cases w/ Hardware

- Weight is approx. 6 lbs. (2.72 kgs.)
- (1) NYK:0560024-1

NYK:560024-1X

• Includes hardware (not shown)

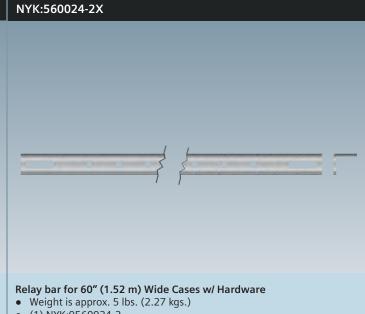
### Relay bar for 41" (1.04 m) Wide Cases

- Weight is approx. 4 lbs. (1.81 kgs.)7/8" x 1" formed steel angle
- Gray enamel finish

### NYK:560024-2 27 3/4" (70.49 cm) Overall 26 1/8" (66.36 cm) Center to Center 2.44" (6.19 cm) Center to Center Ø 0.281" (Ø 0.714 cm) Ø 0.313" x 1.25 (Ø 0.714 cm x 3.18 cm)

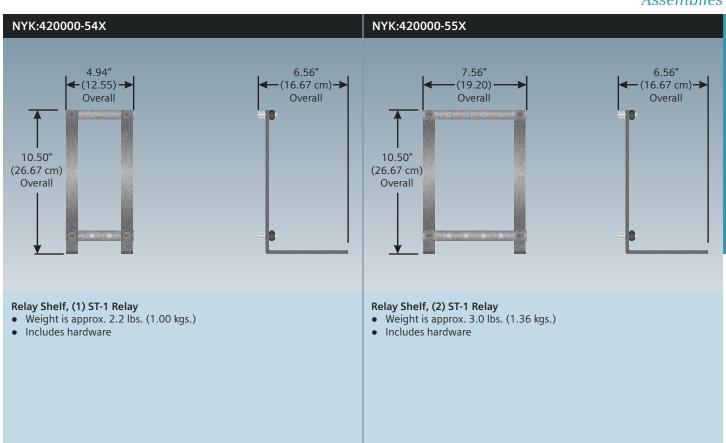
### Relay bar for 60" (1.52 m) Wide Cases

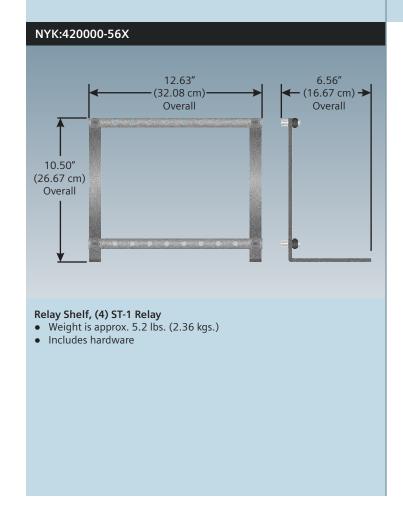
- Weight is approx. 3 lbs. (1.36 kgs.)
- 7/8" x 1" formed steel angle
- Gray enamel finish



- (1) NYK:0560024-2
- Includes hardware (not shown)

NYK:560024-3X	NYK:560024-4X
Relay bar for 41" (1.04 m) Wide Cases w/ Hardware  Weight is approx. 6 lbs. (2.72 kgs.)  (1) NYK:0560024-1  Includes hardware	Relay bar for 60" (1.52 m) Wide Cases w/ Hardware  Weight is approx. 5 lbs. (2.27 kgs.)  (1) NYK:0560024-2  Includes hardware







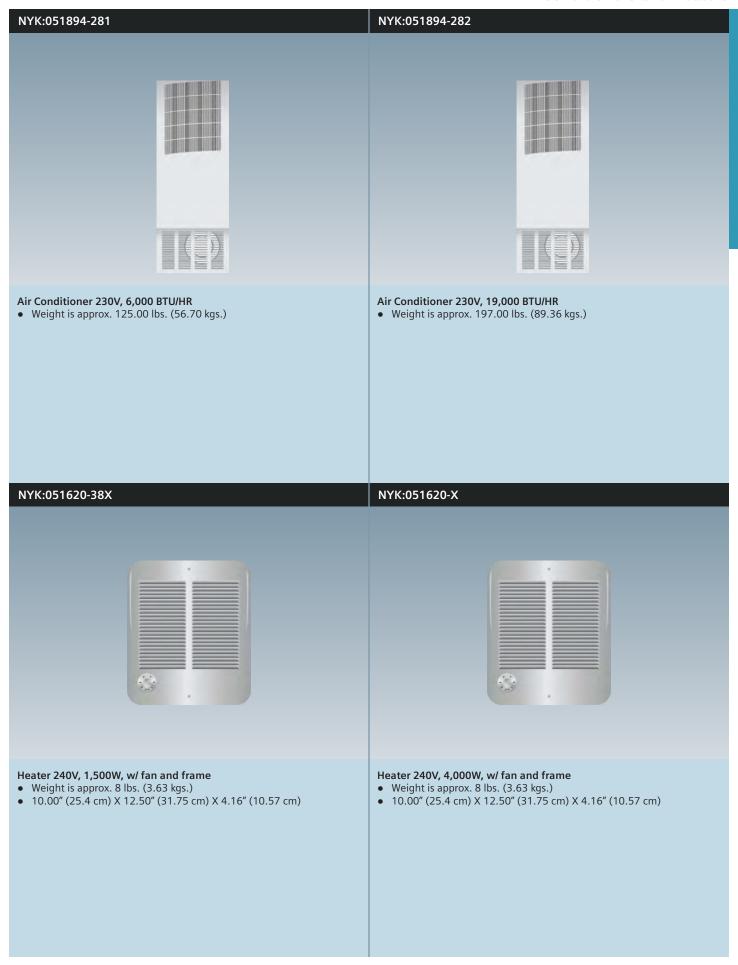


Various Environmental Control System components shown for reference purposes only!
Actual unit selected may vary in mounting and features.

**SIEMENS** has a full line of heating, air conditioning and ventilation systems for virtually any instrument house design.

Air Conditioning Systems for instrument houses are of high quality, featuring high BTU output with minimum operating costs. A change-over thermostat is used, to insure proper transfer from air conditioning to heating and vice versa. A weather hood of steel or aluminum, depending on the type of house, is provided to protect the air conditioner and insure longer life of the unit.

Heating systems feature protected and efficient cast aluminum heating grids and directional louvered cover for circulation of warm air and even distribution.

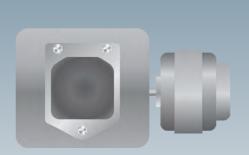


## NYK:051894-35AX

### **Ventilation Fan**

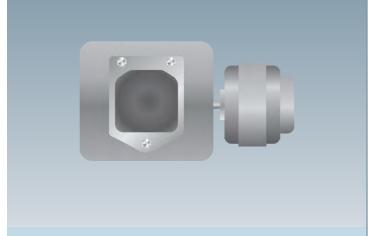
- Weight is approx. 4.4 lbs. (2.00 kgs.)
- 7" motor and fan assembly





- Ventilation Fan 110 VAC, w/ Aerial Inlet
   Weight is approx. 7.5 lbs. (19.05 kgs.)
- (1) 035035-500 aerial outlet

### NYK:035035-503X



### Ventilation Fan 220 VAC, w/ Aerial Inlet

- Weight is approx. 7.5 lbs. (19.05 kgs.)
- (1) 035035-500 aerial outlet

