

NCU/NEU Enclosures With Covers

Application Note	Page	3
• <i>Enclosures With Covers</i>		3
• <i>Replacement Chart</i>		4
• <i>Order/Ship Dates</i>		4
• <i>Subpanels</i>		4
• <i>Design Considerations</i>		5
• <i>Mix/Match Possibilities</i>		5
• <i>1-Slot Base Frame Configurations</i>		6
• <i>2-Slot Base Frame Configurations</i>		7
• <i>5-Slot Base Frame Configurations</i>		7
• <i>Application Specific Controller Configurations</i>		8
• <i>Mixed Applications</i>		9
• <i>Auxiliary Gear Applications (Full Panels)</i>		10
• <i>Ordering Information</i>		11

App. Note: Enclosures With Covers

Enclosures With Covers

Based on two years of Metasys® field experience, we've simplified our enclosure and cover offerings to the three most frequently used cabinet combinations. The 1-slot, 2-slot, and 5-slot long enclosures have been repackaged with their matching covers. The enclosure-with-cover combinations include a wire duct. Order wire guides separately.

No longer available will be the solid utility covers or the 5-slot short enclosure. Solid door equivalents will be supplied by the JCI Panel Unit. Covers for the 5-slot short enclosure are available only as a repair part.

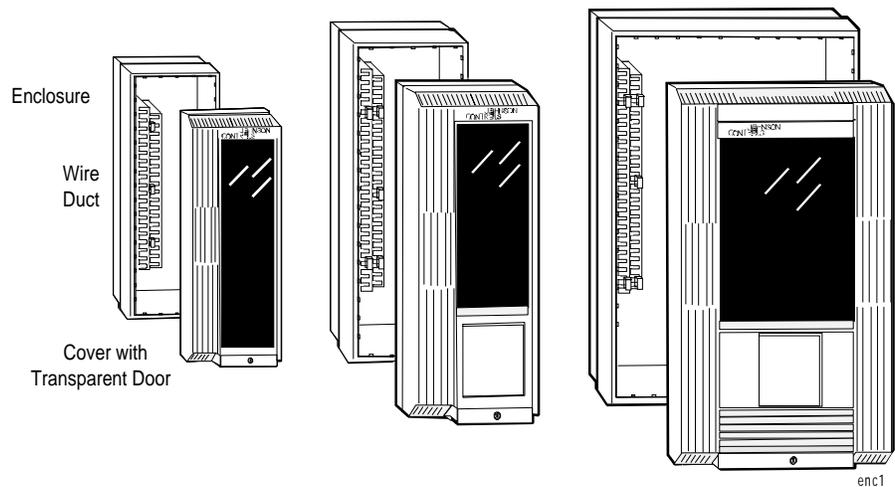


Figure 1: The EN-EWC100-0, EN-EWC200-0, EN-EWC500-0

Replacement Chart

When specifying a job, replace the separate enclosure and cover component models with the new enclosure-with-cover combinations as follows:

Use the 10 x 28 in. enclosure/cover EN-EWC100-0 to replace:	EN-ENC101-0 (1-slot enclosure) EN-CVC101-0 (1-slot clear cover) or EN-ENC111-0 (1-slot utility enclosure) EN-CVS101-0 *(1-slot utility cover)
Use the 16 x 38 in. enclosure/cover EN-EWC200-0 to replace:	EN-ENC201-0 (2-slot enclosure) EN-CVC201-0 (2-slot clear cover)
Use the 26 x 46 in. enclosure/cover EN-EWC500-0 to replace:	EN-ENC501-0 (5-slot short enclosure) EN-CVC501-0 (5-slot clear/short cover) or EN-ENC502-0 (5-slot long enclosure) EN-CVC502-0 (5-slot clear/long cover) or EN-ENC511-0 (5-slot utility enclosure) EN-CVS501-0 *(5-slot utility cover)

* Solid Cover equivalents for EN-CVS101-0 and EN-CVS501-0 are supplied through Poteau. See *Ordering Information*.

Order/Ship Dates

Ordering the new, combined enclosures and covers can begin at once. The last day to order the separately-packaged units is January 1, 1992.

Shipping the new enclosures-with-cover combination begins on February 15, 1992. The last ship date for the separately-packaged units is February 15, 1992.

Subpanels

In addition to the enclosure-with-covers, we're introducing new subpanels to provide custom mounting platforms inside the enclosures. The subpanels offer the design freedom of a "Single Box Solution"—mix inboard auxiliary gear, such as pneumatic accumulators and regulator valves, inside the enclosures along with application specific controllers *and* Metasys base frames.

Standoff panels are available to bring forward dials, gages, and special HOA switches so they mount close to the lockable display window.

The JCI Panel Unit manufactures the subpanel and standoff panels illustrated in the example configurations of this application note. The Panel Unit also builds to custom specifications, as well as completely mounting and wiring auxiliary gear.

***Design
Considerations***

- Wire ducts are included with the enclosure-with-cover combinations. Order wire guides separately.
- “Solid Cover Equivalents” are available through the Panel Unit. You can either: (1) order the enclosure-with-cover with a blankoff panel, or (2) order the blankoff panel separately to field-install it on the cover. See *Ordering Information*.
- You can install the Intelligent Lighting Controller (ILC) inside an EN-EWC500-0 with a clear door. If a blankoff panel is desired, you can order it separately from the Panel Unit.
- The OAP Function Module and the Pneumatic Connection Module (PCM) are currently undergoing a slight redesign to fit into the new enclosure-with-covers. An application note will follow with details on installing existing versions.

***Mix/Match
Possibilities***

The following pages illustrate some of the equipment configurations you can mount inside the enclosure-with-cover combinations. Many examples illustrate placement of the optional subpanels. Examples organized by the 1-, 2-, and 5-slot base frame model are shown in Figures 2 to 4. Panel configurations with ASCs are shown in Figure 5. One example of mixing an ASC, Metasys base frame, and auxiliary gear is shown in Figure 6. You can also mount outboard gear in Metasys enclosure-with-cover combinations, as shown in Figure 7.

These are examples only; don't limit yourself. The Panel Unit is ready to design and engineer custom panel work.

1-Slot Base Frame Configurations

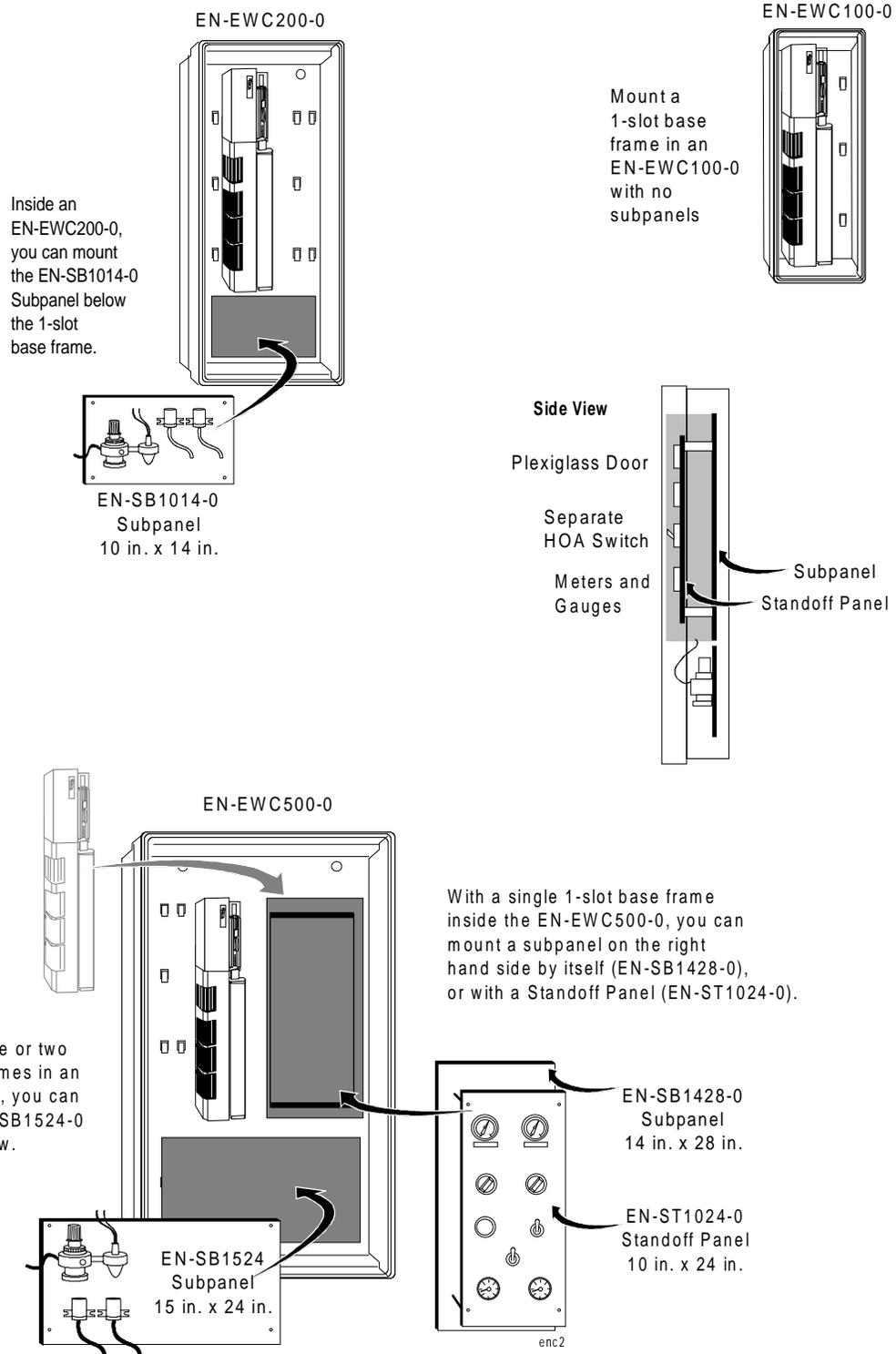


Figure 2: 1-Slot Base Frame Configurations

2-Slot Base Frame Configurations

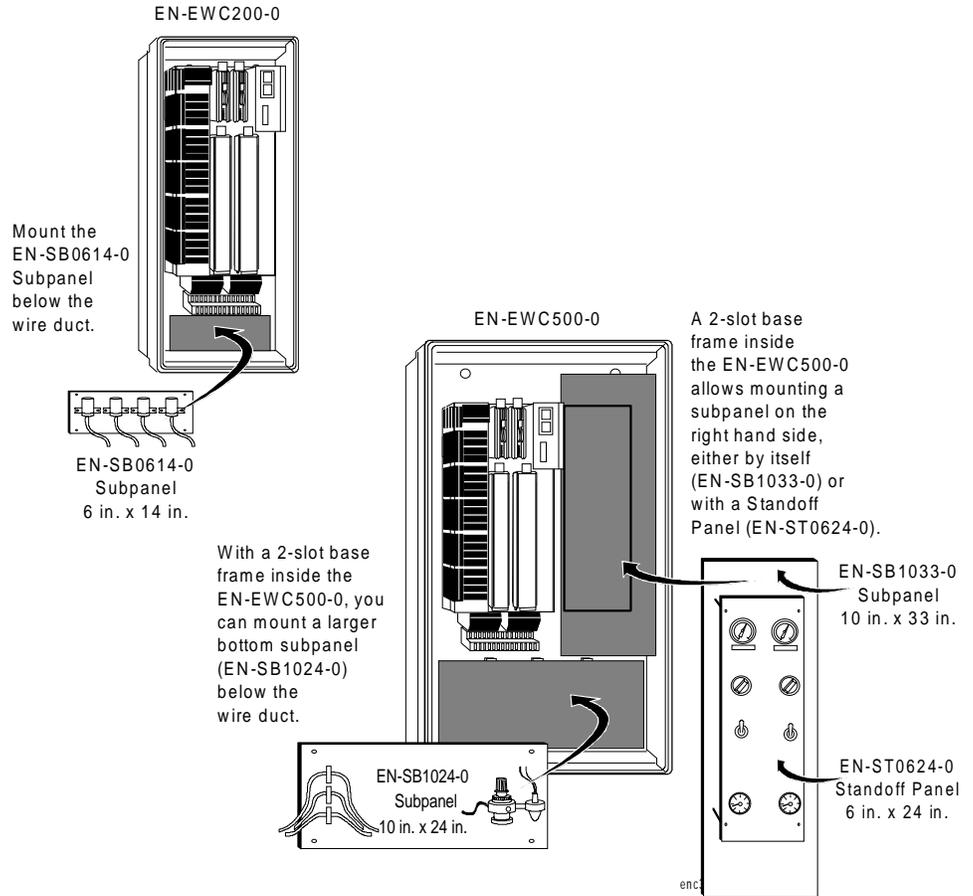


Figure 3: 2-Slot Base Frame Configurations

5-Slot Base Frame Configurations

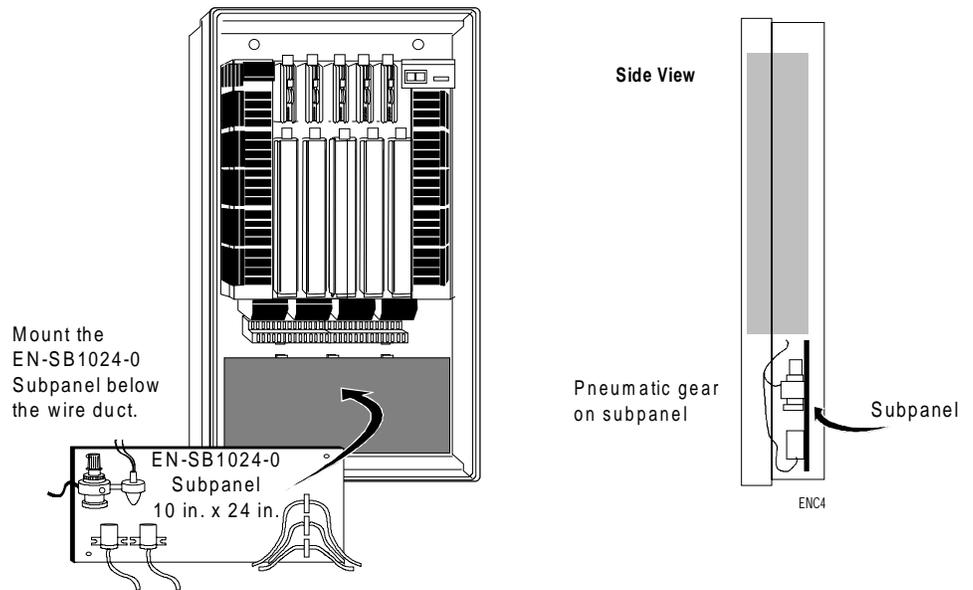


Figure 4: 5-Slot Base Frame Configurations

**Application
Specific Controller
Configurations**

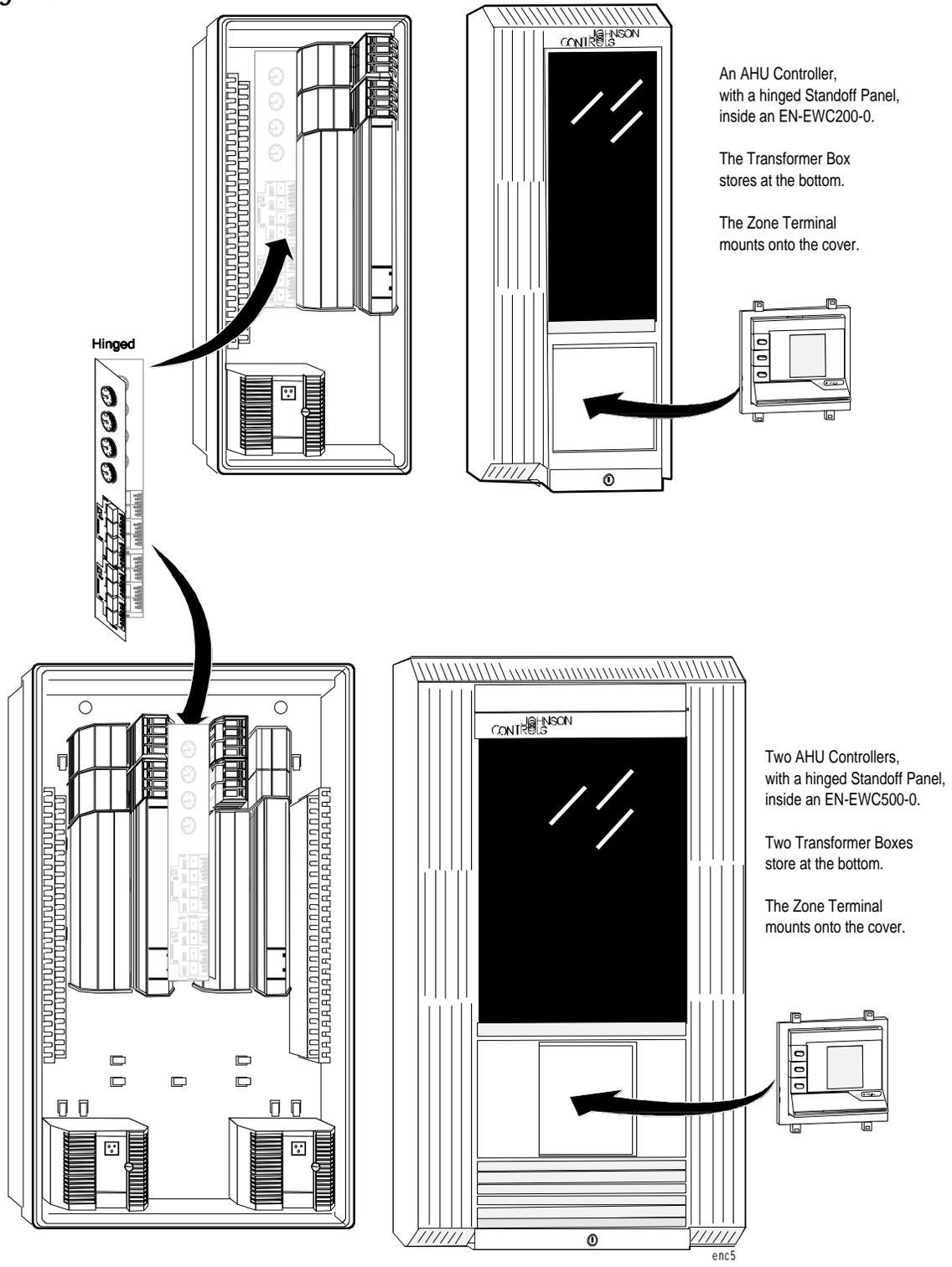


Figure 5: ASC Configurations

Mixed Applications

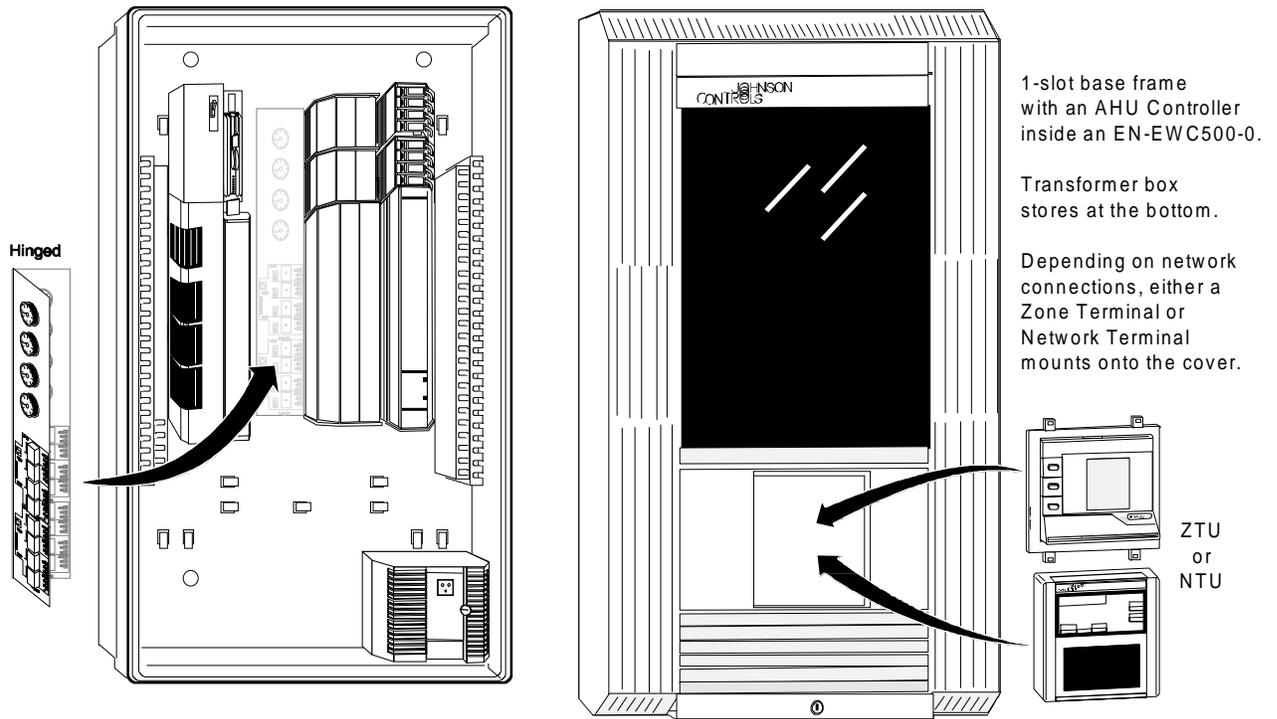


Figure 6: Application Including Metasys Base Frame, Air Handling Unit, and Auxiliary Gear

Auxiliary Gear Applications (Full Panels)

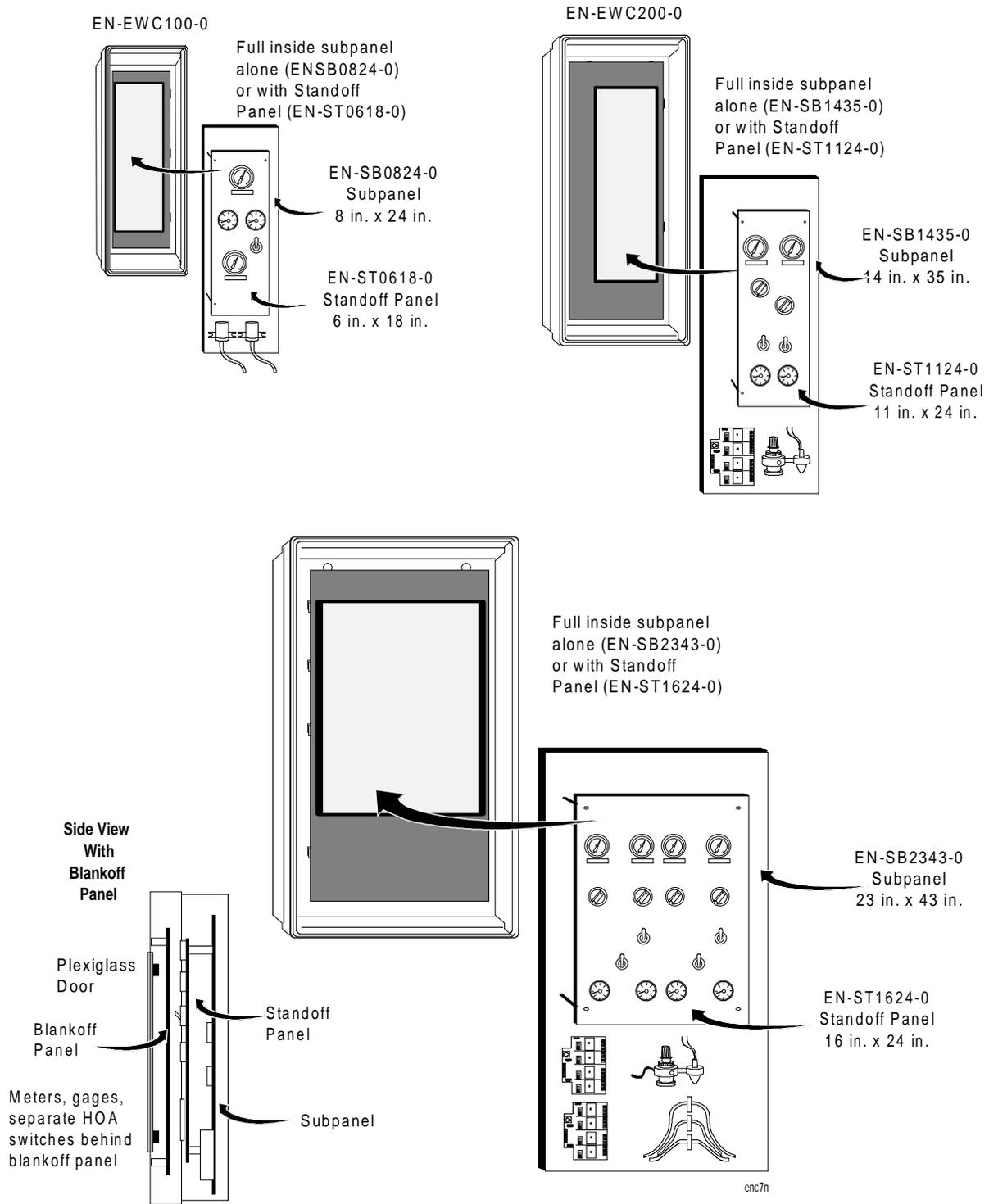


Figure 7: Full Subpanel Configurations

**Ordering
Information**

Order the enclosure-with-cover combinations, or repair covers, from JCI-Milwaukee. (See Table 1.) To order the subpanels, contact the JCI Panel Unit directly. (See Table 2.)

Table 1: Enclosure With Covers; Repair Covers

Description	Product Code Number
NCU/NEU 10 x 28 in. Enclosure with Matching Cover (Fits 1-Slot Base Frame)	EN-EWC100-0
NCU/NEU 16 x 38 in. Enclosure with Matching Cover (Fits 1-Slot or 2-Slot Base Frame)	EN-EWC200-0
NCU/NEU 26 x 46 in. Enclosure with Matching Cover (Fits 1-Slot, pair of 1-Slots, 2-Slot, or 5-Slot Base Frame)	EN-EWC500-0
Repair 10 x 28 in. Cover	EN-CVC101-700
Repair 16 x 38 in. Cover	EN-CVC201-700
Repair 26 x 35 in. Cover (Repair Cover For Old 5-Slot Short Enclosure)	EN-CVC501-700
Repair 26 x 46 in. Cover	EN-CVC502-700
Wire Guide Kits	EN-WGK101-0

To order the subpanels, contact:

JCI Poteau Panel Unit
3100 N. Broadway
Poteau, Oklahoma 74953

Attn: Mike Pritchett
Voice: (918) 647-2195
FAX: (918) 647-9405

Table 2: Subpanels From Poteau Corporation

Subpanel Description	Product Code Number
Bottom Panels	
10 x 14 in. Bottom Subpanel for 1-Slot Base Frame in EN-EWC200-0	EN-SB1014-0
15 x 24 in. Bottom Subpanel for 1-Slot Base Frame(s) in EN-EWC500-0	EN-SB1524-0
6 x 14 in. Bottom Subpanel for 2-Slot Base Frame in EN-EWC200-0	EN-SB0614-0
10 x 24 in. Bottom Subpanel for 2-Slot Base Frame in EN-EWC500-0 or for 5-Slot Base Frame in EN-EWC500-0	EN-SB1024-0
Side Panels / Standoff Panels	
14 x 28 in. Side Subpanel for 1-Slot Base Frame in EN-EWC500-0	EN-SB1428-0
10 x 24 in. Standoff Panel for EN-SB1428-0	EN-ST1024-0
10 x 33 in. Side Subpanel for 2-Slot Base Frame in EN-EWC500-0	EN-SB1033-0
6 x 24 in. Standoff Panel for EN-SB1033-0	EN-ST0624-0
Outboard Gear Panels / Standoff Panels	
8 x 24 in. Outboard Gear Subpanel for EN-EWC100-0	EN-SB0824-0
6 x 18 in. Standoff Panel for EN-SB0824-0	EN-ST0618-0
14 x 35 in. Outboard Gear Subpanel for EN-EWC200-0	EN-SB1435-0
11 x 24 in. Standoff Panel for EN-SB1435-0	EN-ST1124-0
23 x 43 in. Outboard Gear Subpanel for EN-EWC500-0	EN-SB2343-0
16 x 24 in. Standoff Panel for EN-SB2343-0	EN-ST1624-0
Solid Blankoff Panels	
Solid Blankoff Panel for EN-EWC100-0	EN-BOP100-0
Solid Blankoff Panel for EN-EWC200-0	EN-BOP200-0
Solid Blankoff Panel for EN-EWC500-0	EN-BOP500-0



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