

# **PLATEWORKS**<sup>TM</sup>

# Captain Nema® Panel Cookbook



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ORDER TEMPLATE	S			
NEMA STANDA NEMA NEMA NEMA NEMA NEMA NEMA NEMA NEM	6 6" X 6" 8 8" X 8" 1008 10" X 8 10 10" X 1 1210 12" x 1 12 12" x 1 1512 15" X 1	NEMA Standard / 6 NEMA Standard / 18 NEMA Standard / 10" NEMA Standard / 0" NEMA Standard / 2" NEMA Standard / 12" NEMA Standard / 15" NEMA Standard / 18" NEMA Standard /	5 Cells	NEMA 8NEMA 1008NEMA 10NEMA 1210NEMA 12NEMA 1512NEMA 15
	2 2 Space 3 3 Space 4 4 Space 5 5 Space 6 6 Space PLATES	ce, 19" Rack Panel / 2ce, 19" Rack Panel / 2ce, 19" Rack Panel / 4ce, 19" Rack Panel / 5ce, 19" Rack Panel / 5ce, 19" Rack Panel / 5ce, 19" Rack Panel / 5	28 Cells	AP19-2 AP19-3 AP19-4 AP19-5 AP19-6
CONNECTOR MENU	• • • • • • • • • • • • • • • • • • • •	et		
H-1 to P-3 to T-1 to	P-2 S-2 Z-5			C-2 C-3
<b>VARIOUS OPTIONS</b>	MENU			
V-6 to V	/-10			O-2
PRICING				
Connector Menu	u Pricing Guid	deg Guide		Golden Rod*



### INSTRUCTIONS

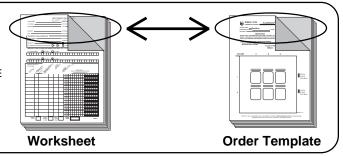
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# IMPORTANT READ THIS BEFORE USING THE COOKBOOK

### NEMA PANEL INSTRUCTIONS

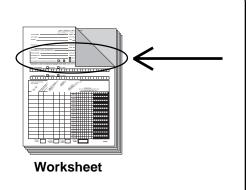
#### 1. CUSTOMER INFORMATION.

Complete the customer information section at the top of the Captain NEMA worksheet. Also, complete the information section at the top of the ORDER TEMPLATE for this panel. **MAKE PHOTOCOPIES, DO NOT WRITE ON THE ORIGINALS!!** (Orders cannot be processed without this information.)



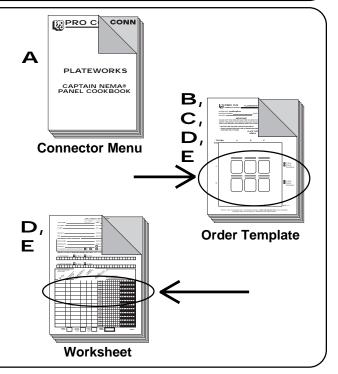
#### 2. PANEL SELECTION

- A) Determine the size of the specific NEMA box to be used with this panel.
- B) Determine how the NEMA box will be mounted to the wall—Flush is recessed in the wall, Surface is on the wall.
- C) Select the exact panel size needed from the Panel Material Pricing Guide.
- D) Select the Color of this panel—Clear or Black.
- Place all this information in the appropriate spaces provided on the Captain NEMA worksheet.



#### 3. CONNECTOR SELECTION AND PANEL LAYOUT

- A) Select the connectors (and devices) needed for this panel from the Connector Menu.
- B) Determine what connectors (and devices) will go in which cell.
- C) Place the appropriate connector designations in the desired cells on the Order Template. Place the appropriate connector designations and model numbers next to the correct cell address on the Worksheet.
- D) On the Order Template, pencil in the CELL TEXT you need, above each connector. Then, print your CELL TEXT requirements next to the appropriate cell address on the Worksheet. Some templates are too small to clearly print you text requirements on them. This is why you need to clearly print the CELL TEXT needed on the Worksheet for this panel—so we can read it!
- E) If this panel requires an I.D. Banner, Borders, or Brackets, pencil in the artwork on the Order Template, and the specific information required on the Worksheet.



IF YOU ARE TRYING TO SPEC A RACK PANEL: SEE NEXT PAGE HOW TO FIGURE AN ESTIMATE FOR YOUR PANELS: SEE PAGE iii



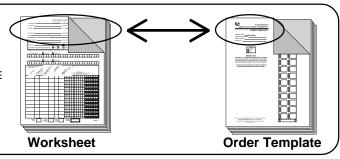
**INSTRUCTIONS** 

# IMPORTANT READ THIS BEFORE USING THE COOKBOOK

### RACK PANEL INSTRUCTIONS

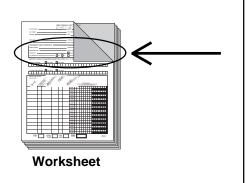
#### 1. CUSTOMER INFORMATION.

Complete the customer information section at the top of the Captain NEMA worksheet. Also, complete the information section at the top of the ORDER TEMPLATE for this rack panel. **MAKE PHOTOCOPIES, DO NOT WRITE ON THE ORIGINALS!!** (Orders cannot be processed without this information.)



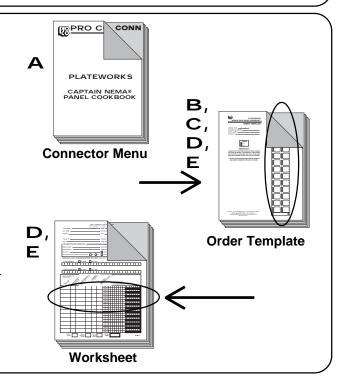
#### 2. PANEL SELECTION

- A) Determine the size of the rack panel you need.
   Available sizes can be found on the Panel Material Pricing Guide.
- B) Select the Color of this rack panel—Black.
- Place all this information in the appropriate spaces provided on the Captain NEMA worksheet.



#### 3. CONNECTOR SELECTION AND PANEL LAYOUT

- A) Select the connectors (and devices) needed for this rack panel from the Connector Menu.
- B) Determine what connectors (and devices) will go in which cell.
- C) Place the appropriate connector designations in the desired cells on the Order Template. Place the appropriate connector designations and model numbers next to the correct cell address on the Worksheet.
- D) On the Order Template, pencil in the CELL TEXT you need, above each connector. Then, print your CELL TEXT requirements next to the appropriate cell address on the Worksheet. Some templates are too small to clearly print you text requirements on them. This is why you need to clearly print the CELL TEXT needed on the Worksheet for this panel—so we can read it!
- E) If this rack panel requires an I.D. Banner, Borders, or Brackets, pencil in the artwork on the Order Template, and the specific information required on the Worksheet.



#### HOW TO FIGURE AN ESTIMATE FOR YOUR RACK PANELS: SEE NEXT PAGE



INSTRUCTIONS

#### Н

# **IMPORTANT**

### READ THIS BEFORE USING THE COOKBOOK

# FIGURING AN ESTIMATED COST FOR YOUR PANEL

 Locate the price of the panel you have selected on the goldenrod CAPTAIN NEMA COOKBOOK™ PANEL MATERIAL PRICING GUIDE\*. (Note that prices vary depending on panel material desired.)

Enter the price next to "PANEL" in the pricing section of your **photocopied** WORKSHEET.



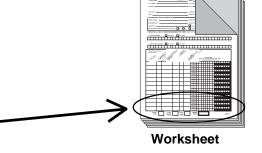
Locate the price(s) of the connector(s) and various option (s) you have selected on the goldenrod CAPTAIN NEMA COOKBOOK™ CONNECTOR MENU PRICING GUIDE and enter in the spaces provided on the WORKSHEET. Add up the total and enter the total next to "CONNECTORS" in the pricing section of your WORKSHEET. If the panel is being ordered with no connector(s), write "0" in this location.



3. To arrive at a total estimate for your panel,put the PANEL COST in the box marked Panel Cost on the WORKSHEET. Add the numbers in the DEVICE or ENGRAVING column and put this sum in the Total Device Cost box, Add the numbers in the CELL COST column and place this sum in the Total Cell Cost box. Add these three boxes to get a total panel cost. (Repeat 1, 2 and 3 for each different panel configuration.)

PANEL COST DEVICE

CELL COST TOTAL COST



4. Your ORDER TEMPLATES are now complete. Please mail or FAX your order to:



PRO CO COMMERCIAL DIVISION 135 E. KALAMAZOO AVE. KALAMAZOO, MI 49007

FAX 616-388-9681

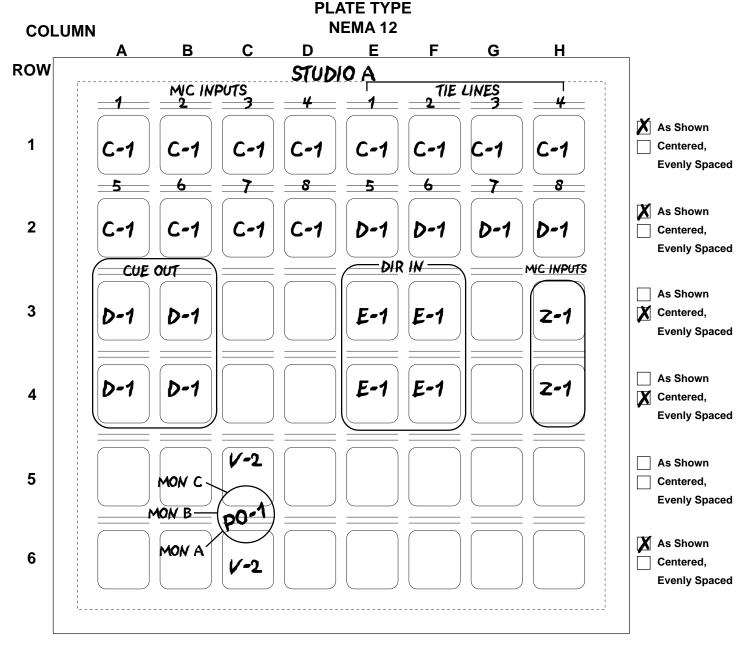






- COMMERCIAL DIVIDION			
NEN ORDER DATE: 4/1/00 COMPANY NAM	//A ŞAMPLE	ORDER TEMPLA	TE iv
ORDER DATE: 4/1/00 COMPANY NAM	E: <u>Waterho</u>	use Sound	
DRAWING NUMBER: 2761	PANEL NAME:_	Studio A	
PROJECT:		BACKBOX SIZE:	12 x 12
IMPORTANT!			
PLEASE COPY THIS TEMPLATE EACH TIME YOU W	ISH TO PLACE AN	PLATE TYPE	FINISH
ORDER. THEN SPECIFY YOUR ORDER ON THE COPY,		X NEMA SURFACE	<b>X</b> BLACK
COPY TO US, AND KEEP THIS ORIGINAL SHEET FOR		(Panel is same size as backbox)	CLEAR
		☐ NEMA FLUSH	
**DOTTED LINE ON PANEL DENOTES BACKBO	X.	(Panel is larger than backbox)	

\*\*\* EIGHT CHARACTERS PER LINE OF ENGRAVING ABOVE CONNECTORS ONLY PLEASE.



Scale: .5 =1



COMMER		OUS OPTIONS	ORDER TEMPLATE
		ME: Waterho	ORDER TEMPLATE
DRAWING NUMB PROJECT:	ER: <b>2761</b>	PANEL NAME:_	BACKBOX SIZE: 12x12
PLEASE COPY TH	IMPORTANT! IIS TEMPLATE EACH TIME YOU ECIFY YOUR ORDER ON THE CO KEEP THIS ORIGINAL SHEET FO	PY, FAX OR MAIL TH	N <u>=</u>
OPTIONS DESIGNATION	MODEL NUMBER		4 5 6
	V-0-10 at 300° cters per line maximum.	3 2 1 [	7 8
V-2 8 Chara	ROTARY 1-6 cters per line maximum.	MONICION BONIA	
V-3 8 Chara	ROTARY 1-12 cters per line maximum.		

NOTE: 1 character per box. Extra characters will be trunkated.

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4-7 - D-7	V-72	GROUP TITLE	N/CHG		N/CHG	LINE 2:	_											
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•						LINE 1:												
B-1	C-1	NC3FDL-1	1.95	1	4.00	LINE 2:	_											
C-1	C-1	MCSEN -1	1 00	1	4.00	LINE 1:	_		+									
C-1	C-1	NC3FDL-1	1.95		T.00	LINE 2												
D-1	C-1	NC3FDL-1	1.95	1	4.00	LINE 2:												
						LINE 1:												
A-2	C-1	NC3FDL-1	1.95	1	4.00	LINE 2:	_		_									
B <i>-</i> 2	C-1	NC3FDL-1	1.95	1	4.00	LINE 1:			+									
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		440-554	4		.4	LINE 1:												
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E-1	C-1	NC3FDL-1	1.95	1	4.00	LINE 2:	-											
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F-1	C-1	NC3FDL-1	1.95	1	4.00	LINE 2:			$\perp$									
PANEL COST	47.5	TOTAL DEVICE	61.45	<b>+</b> TO	TAL ELL <b>112</b>	.oo =	TOT	TAL OST	1	10.	09			PAC	3E: 2	<u>.</u> (	of:	4
	٠,٠٠	COST	_ , • , _		OST L		-	•	<u>'</u>	, 5						`		

#### CAPTAIN NEMA® SAMPLE WORKSHEET

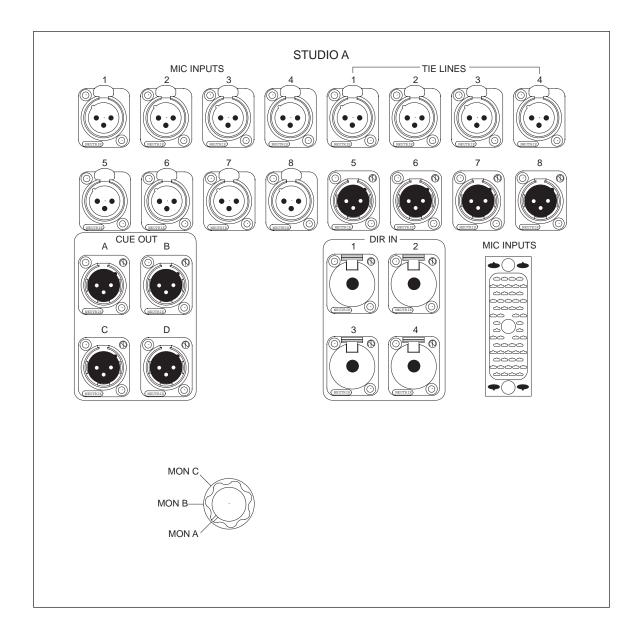
vii

STUDIO A 2761 Oknobi dinde dindo DEVICE OF THERE AND CO DRAWING NUMBER: PANEL NAME: ct. Los Red D + st. oo A LIKELY A LIKELY INDICATE AFFECTED Ofstankion NO. CELLS HERE CELL MOIS). **ENGRAVING** MAX. OF 8 CHARACTERS PER LINE (15 CHARACTERS FOR V12) LINE 1: G-1 C-1 NC3FDL-1 1.95 1 4.00 LINE 2: **3** LINE 1: H-1 C-1 NC3FDL-1 1.95 1 4.00 LINE 2: **4** LINE 1: E-2 NC3MDL-1 1.82 1 LINE 2: 5 D-1 4.00 LINE 1: F-2 1 LINE 2: 6 D-1 NC3MDL-1 1.82 4.00 LINE 1: 1 LINE 2: 7 G-2 D-1 NC3MDL-1 1.82 4.00 LINE 1: H-2 NC3MDL-1 1.82 1 LINE 2: 8 D-1 4.00 LINE 1: C U E OUT A-3, B-3 INSIDE V-14 10.00 LINE 2: N/CHG A-4, B-4 TITLE LINE 1: A-3 D-1 NC3MDL-1 1.82 1 4.00 LINE 2: A LINE 1: B-3 D-1 1 4.00 NC3MDL-1 1.82 LINE 2: B LINE 1: A-4 D-1 1 NC3MDL-1 1.82 4.00 LINE 2: C LINE 1: B-4 1 NC3MDL-1 4.00 D-1 1.82 LINE 2: D LINE 1: **D** T R T N E-3, F-3 TITLE V-11 10.00 N/CHG LINE 2: E-4, F-4 LINE 1: E-3 E-1 NJ3FP6C 3.36 1 4.00 LINE 2: 1 LINE 1: F-3 NJ3FP6C E-1 3.36 1 4.00 LINE 2: 2 LINE 1: E-4 E-1 NJ3FP6C 1 3.36 4.00 LINE 2: 3 LINE 1: NJ3FP6C E-1 1 F-4 3.36 4.00 LINE 2: **4** LINE 1: H-3, H-4 **Z-1** DS-056FP 9.60 2 8.00 LINE 2: LINE 1: GROUP NPUTS MI C H-3 V-12 N/CHG N/CHG LINE 2: TITLE LINE 1: RTRY PO-1 C-5 2 8.00 LINE 2: (CRL PA 2003) LINE 1: C-5, C-6 V-15 VCTR LINE 2: LINE 1: C-5 V-2 ROTARY 1-6 10.00 N/CHG LINE 2: LINE 1: TOP V-4 15.00 LINE 2: LINE 1: LINE 2:



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# SAMPLE FINISHED PRODUCT LAYOUT AS SPECIFIED ON NEMA SAMPLE ORDER TEMPLATE



AP19-2

COMMERCIAL DIVISION PLATEWORKSTM
NEMA & RACK PANEL COOKBOOKTM

### **ORDER TEMPLATE**

ORDER DATE: 4/1/00

COMPANY NAME: Waterhouse Sound

DRAWING NUMBER: 2760

PANEL NAME: 1.D. Panel

PROJECT: \_\_

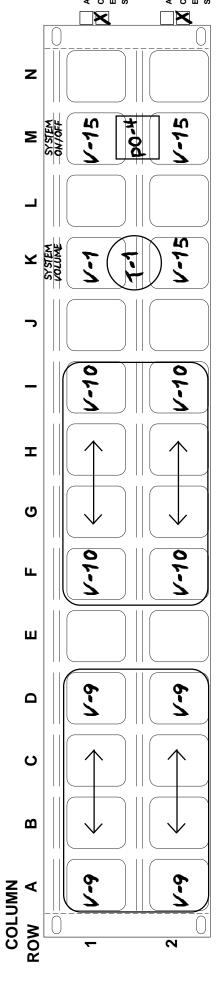
### **IMPORTANT!**

PLEASE COPY THIS TEMPLATE EACH TIME YOU WISH TO PLACE AN ORDER. THEN SPECIFY YOUR ORDER ON THE COPY, FAX OR MAIL THE COPY TO US, AND KEEP THIS ORIGINAL SHEET FOR FUTURE ORDERS.

\*\*\* EIGHT CHARACTERS PER LINE OF ENGRAVING ABOVE CONNECTORS ONLY PLEASE.

ALL PRO CO AP19-SERIES RACK PANELS ARE 1/8" BLACK ANODIZED ALUMINUM.

PAGE: 1 OF: 4



СОММІ	ERCIAL DIVISION	
ORDER DATE:	SAMPLE VARIO	US OPTIONS ORDER TEMPLATE X
DRAWING NUI	MBER: <b>2760</b>	PANEL NAME: 1.D. Panel
PROJECT:	<b>.</b>	BACKBOX SIZE:
	IMPORTANT!	
ORDER. THEN	THIS TEMPLATE EACH TIME YOU SPECIFY YOUR ORDER ON THE COP ND KEEP THIS ORIGINAL SHEET FO	PY, FAX OR MAIL THE
OPTIONS DESIGNATION	MODEL NUMBER	4 5 6
V-1	V-0-10 at 300°	3 7
8 Cha	racters per line maximum.	2 (( ° )() 8
		1 9
		SYSTEM SYSTEM
		VOLUME
V-2	ROTARY 1-6	
8 Cna	racters per line maximum.	
V-3	ROTARY 1-12	
8 Cha	racters per line maximum.	

NOTE: 1 character per box. Extra characters will be trunkated.

PAGE: 3 OF: 4

COMMERCIAL DIVISION	PLATEWORKS NEWA & RACK PANEL COOKBOOK
	E VARIOUS OPTIONS ORDER TEMPLATE XI
DRAWING NUMBER: 2760	
PROJECT:	BACKBOX SIZE:
IMPORT PLEASE COPY THIS TEMPLATE EAC ORDER. THEN SPECIFY YOUR ORDE COPY TO US, AND KEEP THIS ORIGIN	CH TIME YOU WISH TO PLACE AN R ON THE COPY, FAX OR MAIL THE
OPTION MODEL DESIGNATION NUMBER	
V-6 SWTC 1 8 Characters per line m 1/8" Height	aximum.
V-9 CON ID 30 Characters per line maximum. 1/8" Height	SYSTEM INSTALLED BY:  WATER HOUSE SOUND, INC.
V-10 CONSUL ID 30 Characters per line maximum. 1/8" Height	SYSTEM DESIGNED BY:    FULMK   &   B  UR   M S   A  RC   H      T  E  C  T  S

NOTE: 1 character per box. Extra characters will be trunkated.

					CAP	TAIN	NE	ΞM	<b>A</b> ®	SA	M	PLI	E W	ORI	<u>(S</u>		
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A-1 - D-1						LINE 1:											
A-2 - D-2 F-1 - I-1	V-9	CON ID	29.95	8	N/CHG	LINE 2: LINE 1:											
	V-10	CONSUL ID	29.95	8	N/CHG												
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le _1	17-4	160-40	7 50	1	1	LINE 1:										┷	
K-1	V-1	V0-10	7.50			LINE 2: LINE 1:											
K-1, K-2	V-15	VCTR	/		1	LINE 2:											
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M-1	PO-4	EAO		1	4.00	LINE 2:	0	<b>N</b>	/ 0	F	F						
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## SAMPLE FINISHED PRODUCT LAYOUT AS SPECIFIED ON NEMA SAMPLE ORDER TEMPLATE

