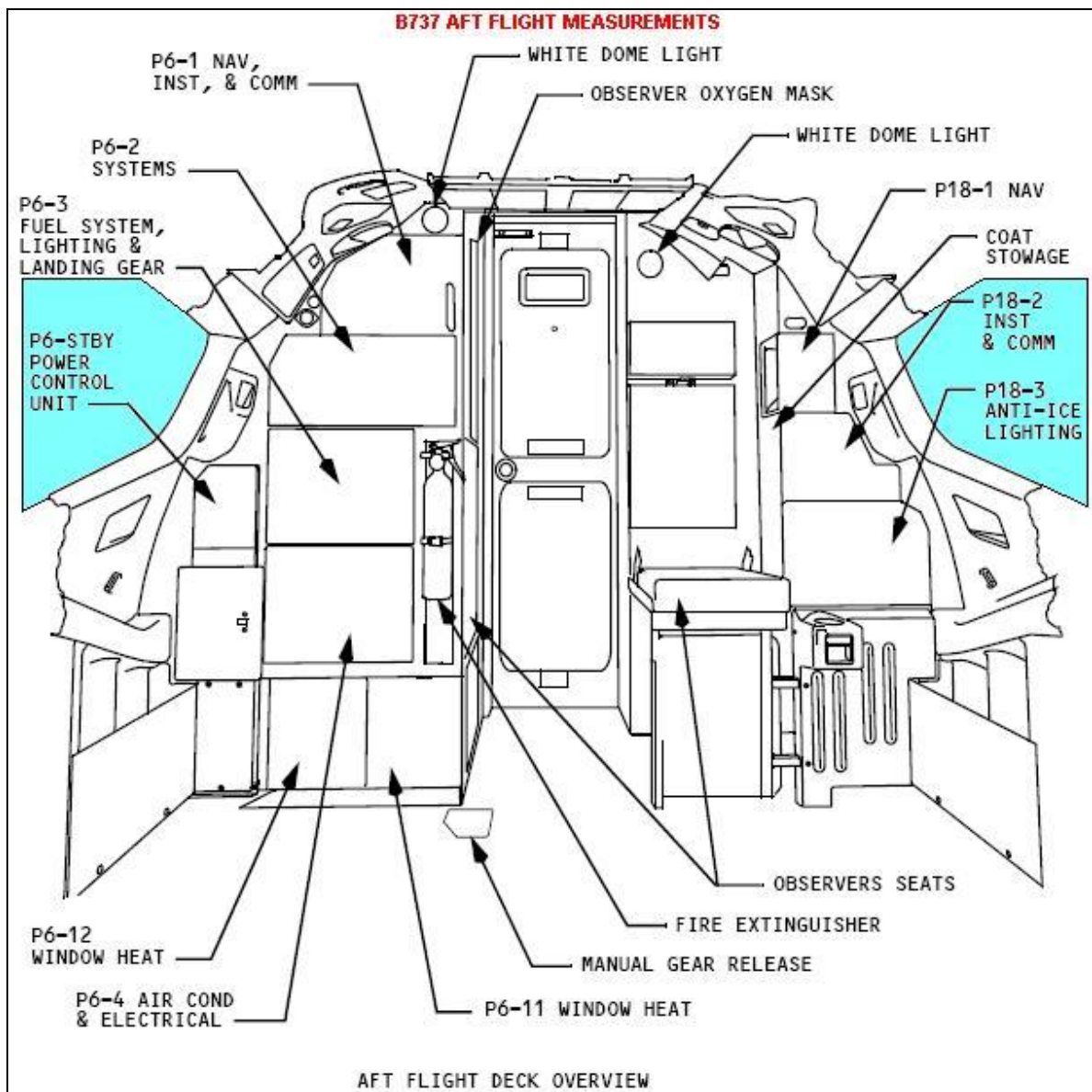


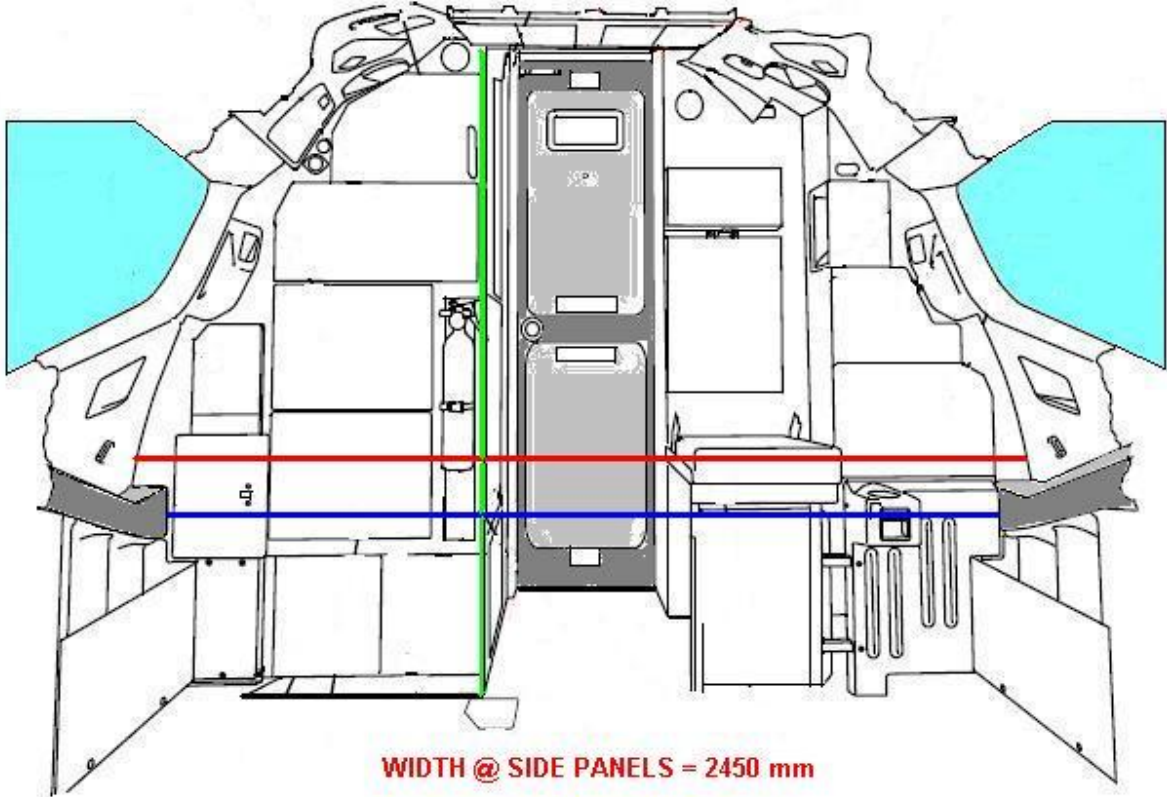
# BUILDING THE B737 CIRCUIT BREAKERS & THE REAR BULKHEAD



# REAR BULKHEAD

**B737 AFT FLIGHT MEASUREMENTS**

**HEIGHT @ REAR BULKHEAD = 1690 mm**



**WIDTH @ SIDE PANELS = 2450 mm**

**WIDTH @ SIDE MOULDING = 2400 mm**

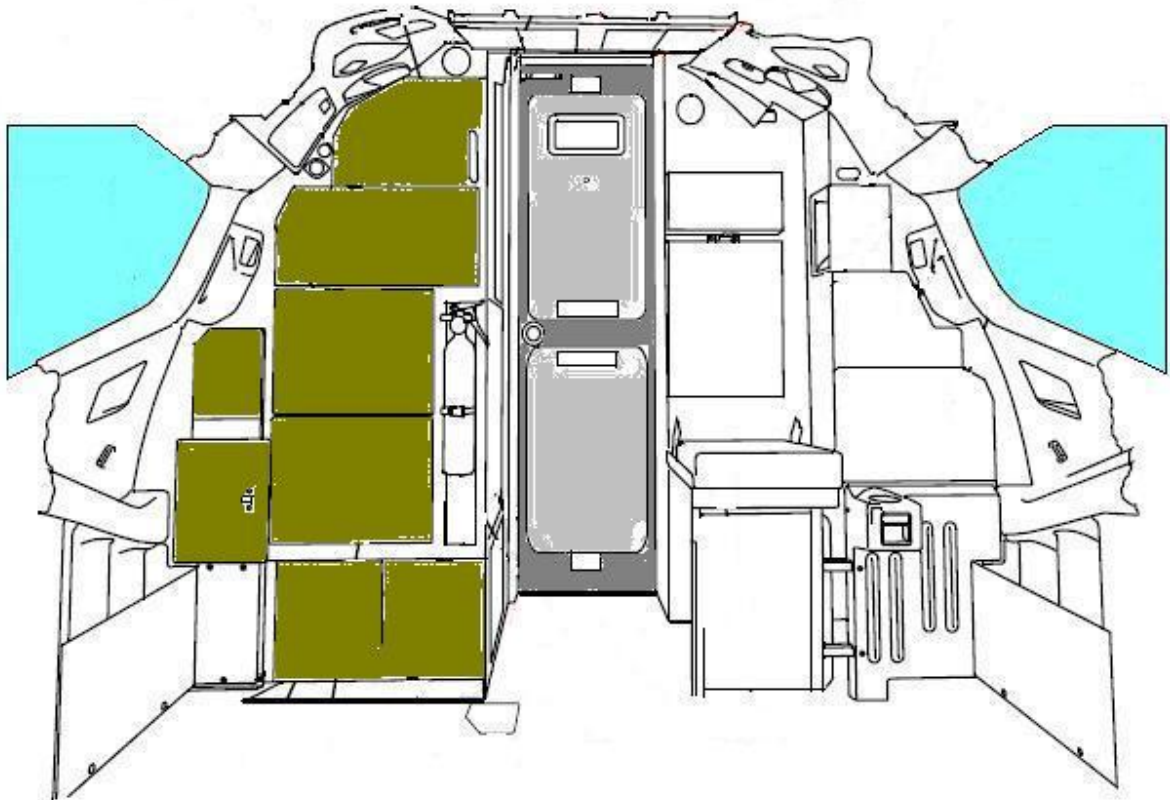
AFT FLIGHT DECK OVERVIEW

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# REAR BULKHEAD – STARBOARD SIDE

**B737 AFT FLIGHT MEASUREMENTS**

**P6 PANELS**



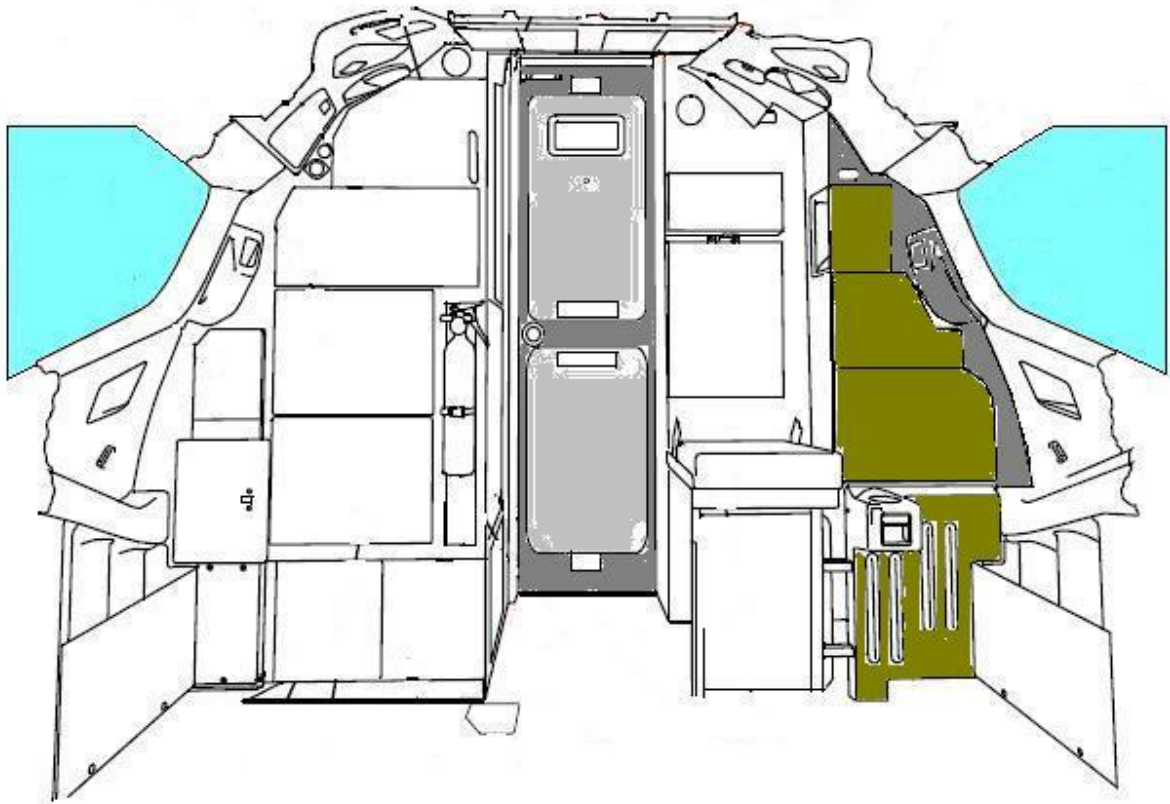
AFT FLIGHT DECK OVERVIEW

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# REAR BULHEAD – PORT SIDE

**B737 AFT FLIGHT MEASUREMENTS**

**P18 PANEL**



AFT FLIGHT DECK OVERVIEW

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## **CIRCUIT BREAKERS**

For the Circuit Breakers use wooden dowel or for a better finish, use plastic rod.

Diameter 8mm

Cut to length.

C.B. length = equal to the height of the C.B. above the CB panel plus the depth of the MDF / wood CB panel

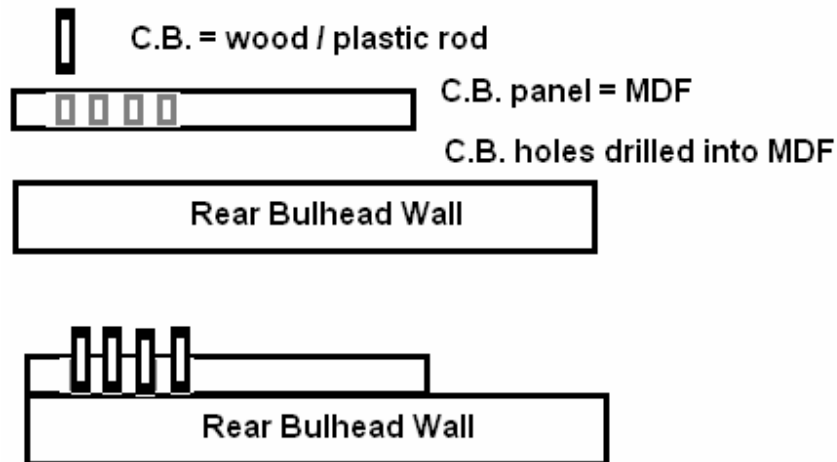
Ie for a 6mm piece of MDF I would cut  $10\text{mm} + 6\text{mm} = 16\text{mm}$  length for each CB

Number of C.B.s equals ....lots ...approx 300

I cut about 5 wooden dowels to about 1m in length and grouped together. Then I cut with a mini bandsaw, thus making 5 C.B.s with each cut

## CIRCUIT BREAKER PANELS

- Using MDF, cut panels to size and shape
- Cut out holes for the Circuit Breakers on each CB panels, with the correct number of rows and columns.
- Mount panels onto Rear Bulhead
- Glue plastic/wooden dowels into holes in each CB panel.



## CIRCUIT BREAKER PANELS

Rows = Labelled A to F

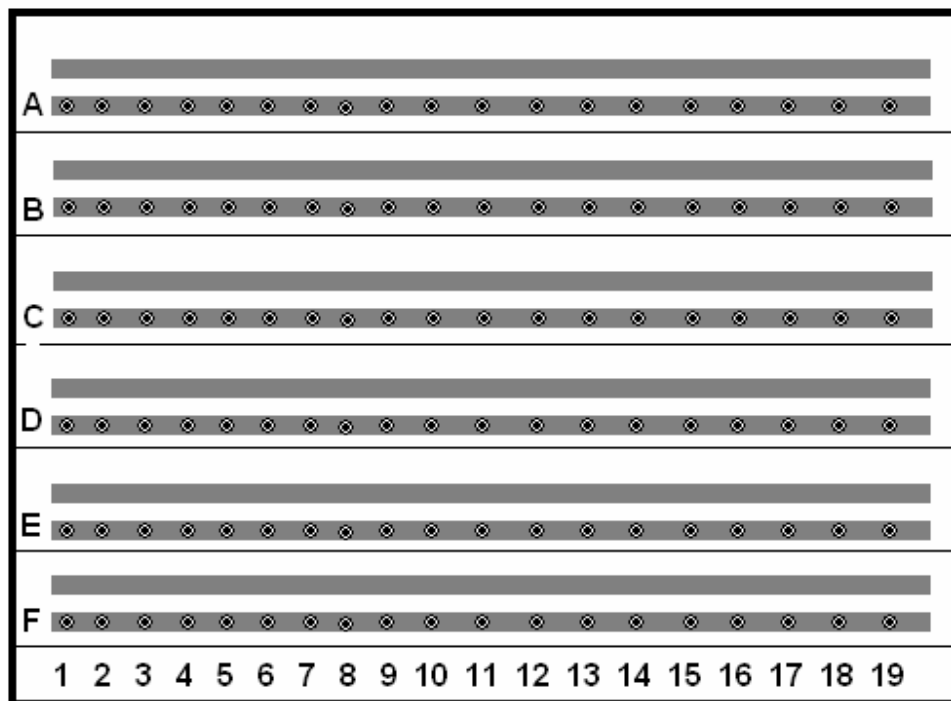
Columns = Labelled 1 to 19

### **Example P6-4 Air&Electrical**

Length 440mm and Height 325mm

Rows = A to F; Columns 1 to 18

Height = Lower Edge is xx mm above Flight Deck Floor



# CIRCUIT BREAKER PANEL

## P18-1

230mm x 175mm

A 1-7

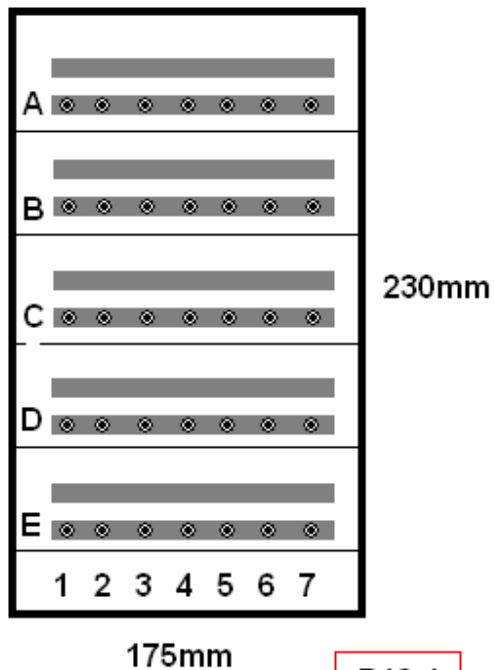
B 1-7

C 1-7

D 1-7

E 1-7

Height = lower edge of panel = 1100 mm above floor





## CIRCUIT BREAKER PANEL

### P18-2

210mm x 170mm x 75mm x 100mm x 365mm x 250mm

A 1-9

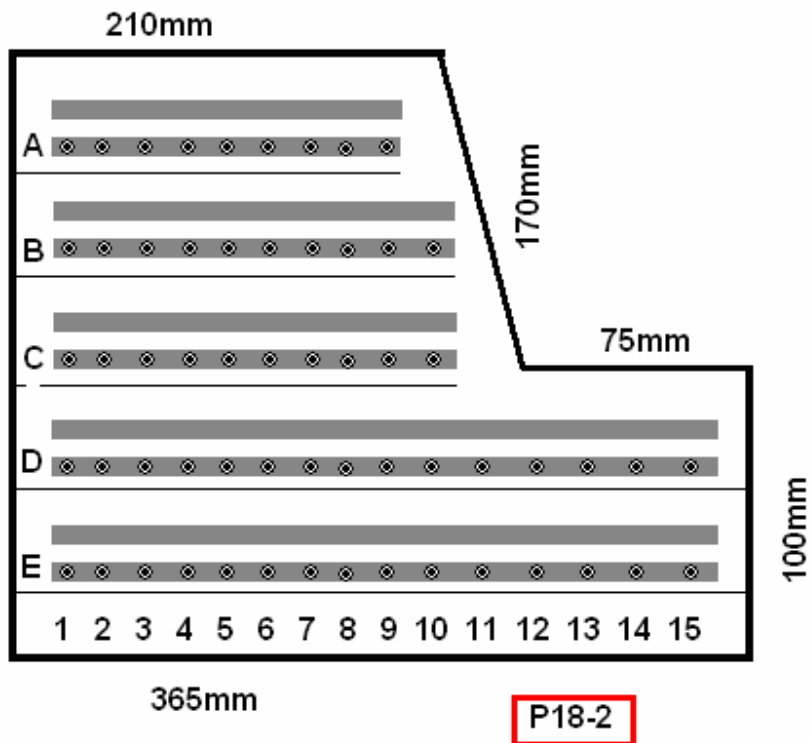
B 1-10

C 1-10

D 1-15

E 1-15

Height = lower edge of panel = 845 mm above floor



# CIRCUIT BREAKER PANEL

## P18-3

365mm x 95mm x 240mm x 450mm x 310mm

A 1-18

B 1-19

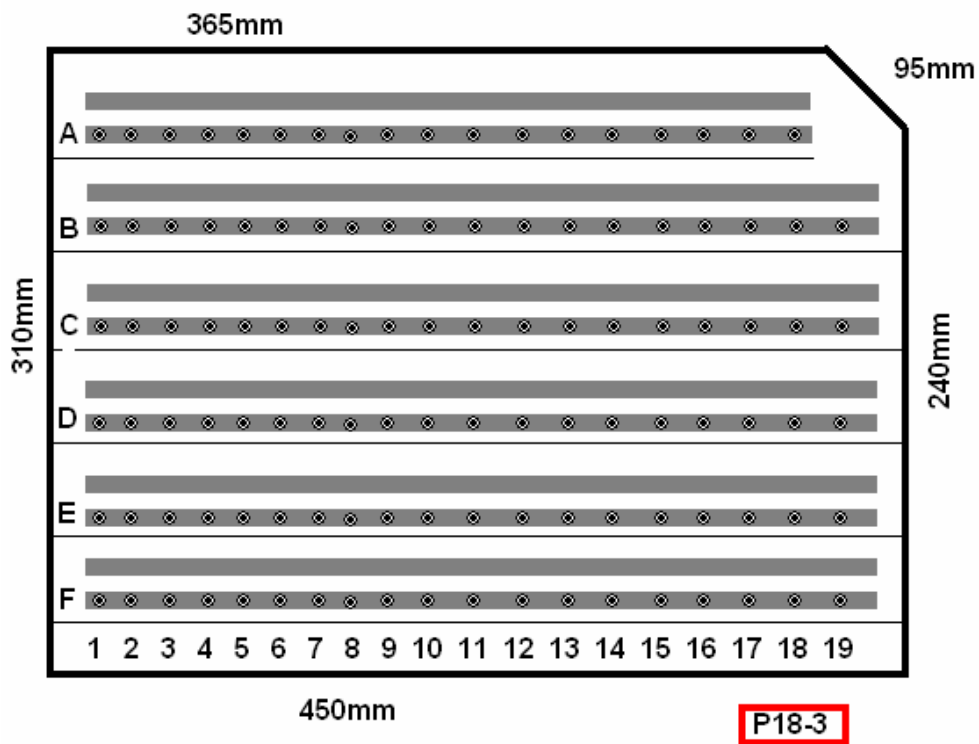
C 1-19

D 1-19

E 1-19

F 1-19

Height = lower edge of panel = 530 mm above floor



## CIRCUIT BREAKER PANEL

### P6-1

180mm x 275mm x 410mm x 110mm x 65mm x 240mm

A 8-17

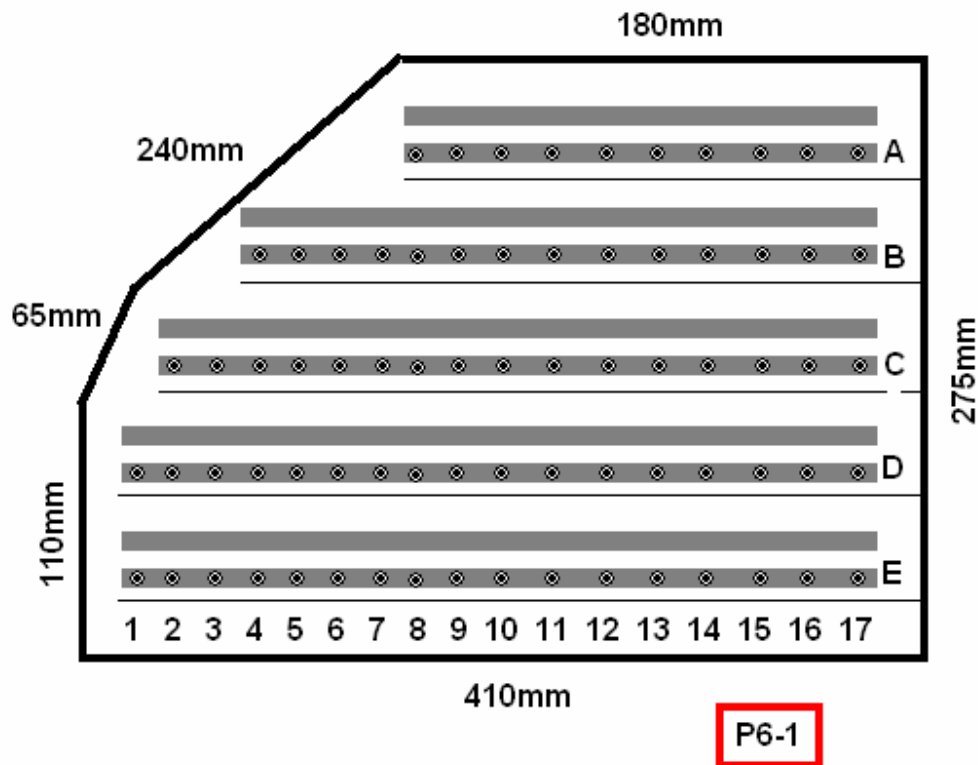
B 4-17

C 2-17

D 1-17

E 1-17

Height = lower edge of panel = 1330 mm above floor



# CIRCUIT BREAKER PANEL

## P6-2

510mm x 245mm x 565mm x 170mm x 95mm

A 2-24

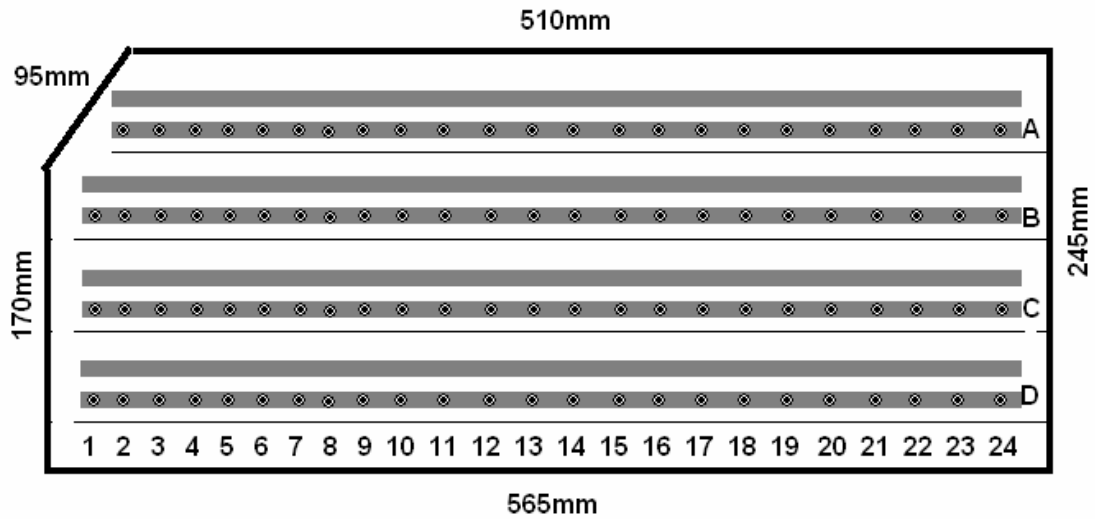
B 1-24

C 1-24

D 1-24

E 1-24

Height = lower edge of panel = 1060 mm above floor



P6-2

## CIRCUIT BREAKER PANEL

### **P6-3 & 4**

**440mm x 325mm x 440mm x 325mm**

**A 1-18**

**B 1-18**

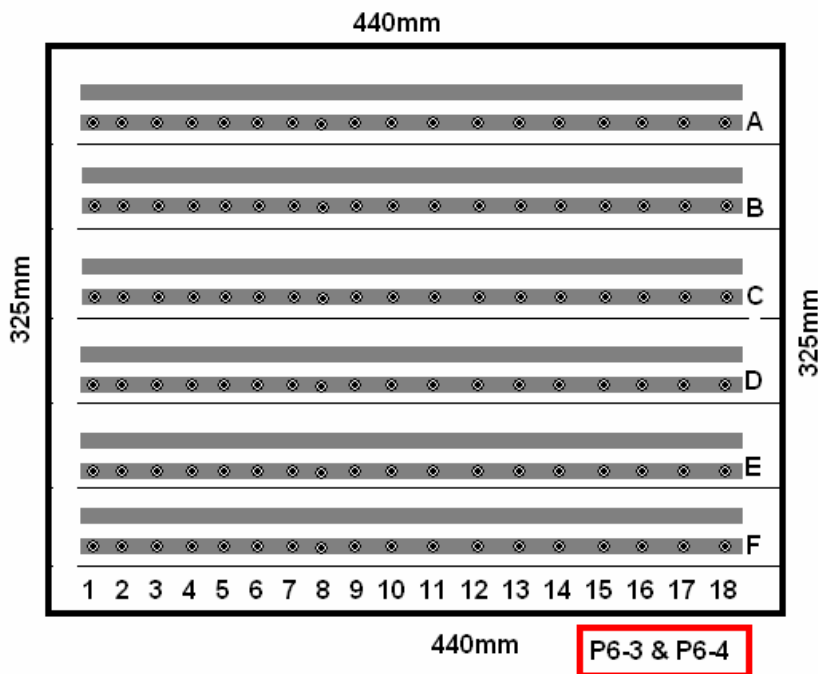
**C 1-18**

**D 1-18**

**E 1-18**

**F 1-18**

**Height = lower edge of panel = 720 mm above floor**



## CIRCUIT BREAKER PANEL

### StandBy Panel

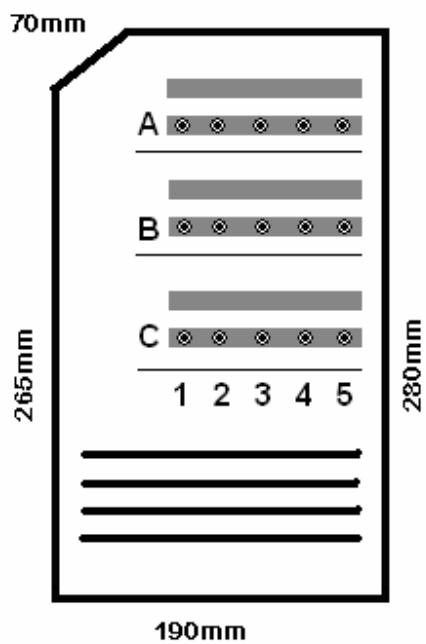
280mm x 190mm x 70mm x ...

A 1- 5

B 1- 5

C 1- 5

Height = lower edge of panel = 720 mm above floor



# CIRCUIT BREAKER PANEL

## P6-11 & 12

310 mm x 320mm

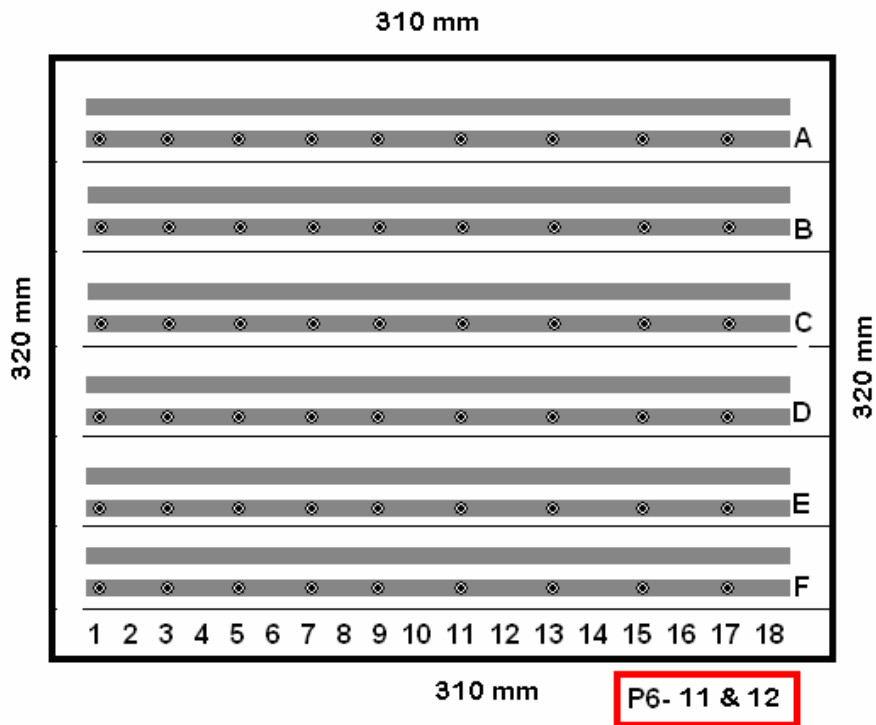
A 1- 9

B 1- 9

C 1- 9

D 1- 9

Height = lower edge of panel = 10 mm above floor



# CIRCUIT BREAKER PANEL

## **FIRE EXTINGUISHER**

**Top of Panel 1010mm**  
**Bottle approx 350mm height**  
**Lower Edge of Bottle 570 mm**  
**Lower Edge of panel 390 mm**

