

# Shielded Cabinets

*Commercial Series*



## **Shielded (CRFFX) Frame Series**

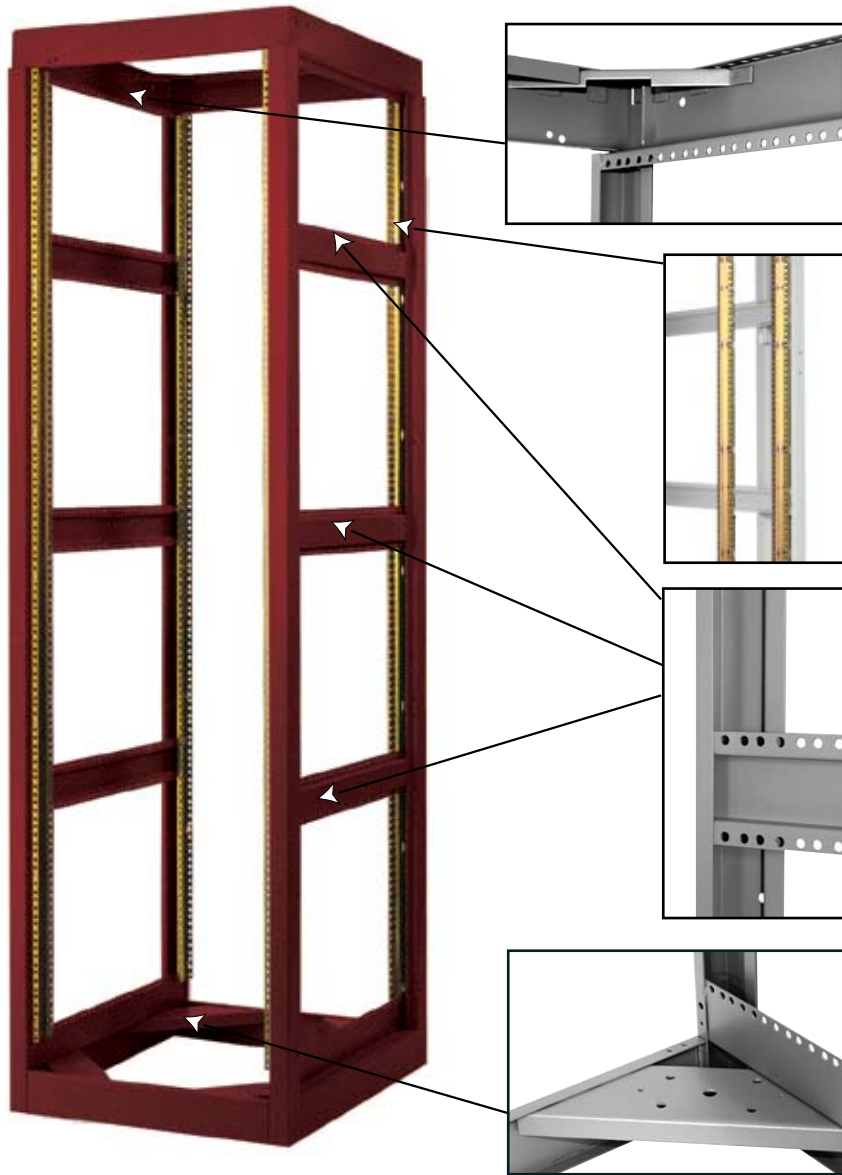
Certified to MIL-STD 910D (Shock)

MIL-STD 810E (Vibration)

EIA-STD 310D

# SHIELDED CABINET - COMMERCIAL

## INTERIOR



The IMS CRFFXW frame series has the same construction as the FX Series except it is commercially shielded to MIL-STD-285 (30Mhz to 1 Ghz)

Four separate 14 ga. (.074) main channels, each with 3 forms, provide a rugged top frame assembly. Seam welded corners (heliarc) are reinforced by formed 12 ga. (.104) gussets. Gussets also serve as built-in receptacles for lift-eye bolts.

Mounting channels are fully adjustable (front to rear) and available in punched and tapped versions (for #10-32 & #12-24 equipment thread sizes). Reducer mounting channels are also available in 24" to 19" panel opening width.

14 ga. vertical and side strut channels, each containing 4 forms are interwelded to dual return flanges. Vertical frame channels also provide direct floor bearing support.

Frame base assembly, with 3 forms on side struts and 2 forms on the front & rear crossies, are seam welded to the 4 main vertical channels. Formed 12 ga. gussets, spot welded to frame base corners for added strength, also serve as caster brackets. Frame design provides optimal structural load rating of 3,500 lbs.

### Commercial (CRFFX) Shielded Frame Sizes

- 6 Vertical Panel Openings (21", 31", 42", 52", 61", 70" & 78")
- 2 Horizontal Panel Openings (19" & 24")
- 3 Overall Depths (25.50", 30" & 36")

# SHIELDED CABINET - COMMERCIAL EXTERIOR



Solid and vented steel door options for front & rear are available. Vented options include vented top or bottom also vented top & bottom.



Cooling options include BDS8 (425 CFM) and BDS5 (300 CFM) centrifugal blowers that mount behind shielded doors. Shielded blowers are available for short door applications.



RU specific shielded enclosure panels can be incorporated into your design to seal open sections of your console configuration.

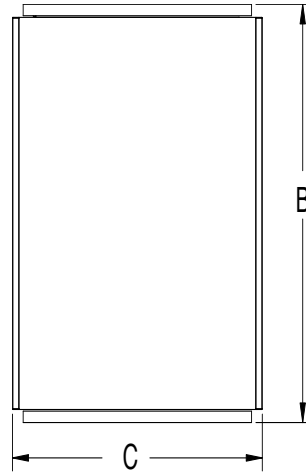
Extensive selection of internal accessories (drawers, shelves, chassis guides, etc.). Choose from 10 standard colors, 2 finishes-textured or smooth.

# SHIELDED CABINET - COMMERCIAL

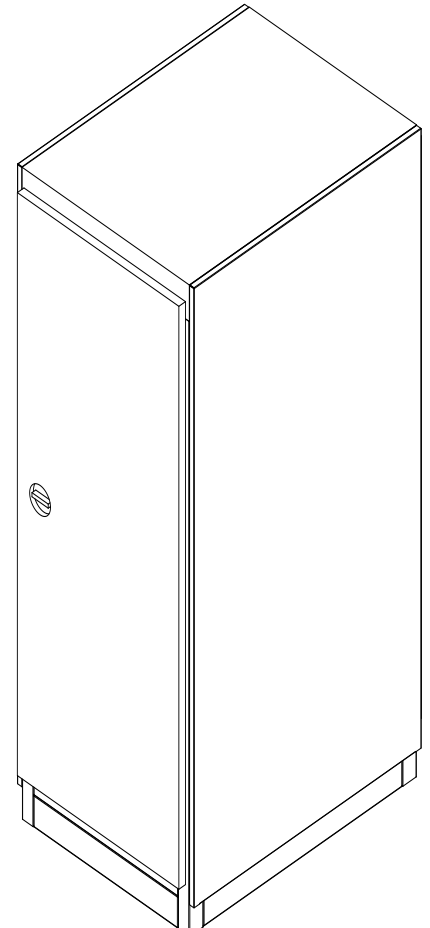
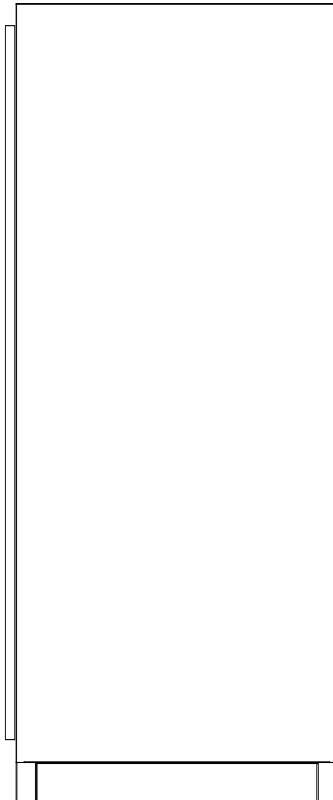
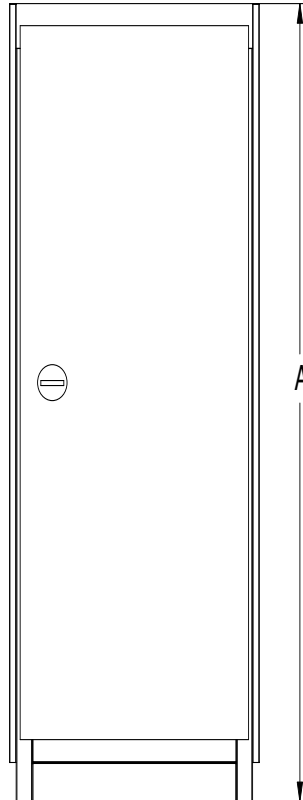
**CRFFX Series - Overall Console Dimensions**

DIMENSIONS			
19" PART NO.	"A"	"B"	"C"
CRFFXW21-19-25	29.56	26.75	23.31
CRFFXW31-19-25	36.56	26.75	23.31
CRFFXW42-19-25	50.56	26.75	23.31
CRFFXW52-19-25	61.06	26.75	23.31
CRFFXW61-19-25	69.81	26.75	23.31
CRFFXW70-19-25	78.06	26.75	23.31
CRFFXW78-19-25	87.56	26.75	23.31
CRFFXW21-19-30	29.56	31.25	23.31
CRFFXW31-19-30	36.56	31.25	23.31
CRFFXW42-19-30	50.56	31.25	23.31
CRFFXW52-19-30	61.06	31.25	23.31
CRFFXW61-19-30	69.81	31.25	23.31
CRFFXW70-19-30	78.06	31.25	23.31
CRFFXW78-19-30	87.56	31.25	23.31
CRFFXW21-19-36	29.56	37.25	23.31
CRFFXW31-19-36	36.56	37.25	23.31
CRFFXW42-19-36	50.56	37.25	23.31
CRFFXW52-19-36	61.06	37.25	23.31
CRFFXW61-19-36	69.81	37.25	23.31
CRFFXW70-19-36	78.06	37.25	23.31
CRFFXW78-19-36	87.56	37.25	23.31

DIMENSIONS			
19" PART NO.	"A"	"B"	"C"
CRFFXW21-24-25	29.56	26.75	28.31
CRFFXW31-24-25	36.56	26.75	28.31
CRFFXW42-24-25	50.56	26.75	28.31
CRFFXW52-24-25	61.06	26.75	28.31
CRFFXW61-24-25	69.81	26.75	28.31
CRFFXW70-24-25	78.06	26.75	28.31
CRFFXW78-24-25	87.56	26.75	28.31
CRFFXW21-24-30	29.56	31.25	28.31
CRFFXW31-24-30	36.56	31.25	28.31
CRFFXW42-24-30	50.56	31.25	28.31
CRFFXW52-24-30	61.06	31.25	28.31
CRFFXW61-24-30	69.81	31.25	28.31
CRFFXW70-24-30	78.06	31.25	28.31
CRFFXW78-24-30	87.56	31.25	28.31
CRFFXW21-24-36	29.56	37.25	28.31
CRFFXW31-24-36	36.56	37.25	28.31
CRFFXW42-24-36	50.56	37.25	28.31
CRFFXW52-24-36	61.06	37.25	28.31
CRFFXW61-24-36	69.81	37.25	28.31
CRFFXW70-24-36	78.06	37.25	28.31
CRFFXW78-24-36	87.56	37.25	28.31



A = Overall Height  
 B = Depth  
 C = Overall Width



# SHIELDED CABINET - COMMERCIAL

## CRFFX Series - Vertical Frame Dimensions

DIMENSIONS					
PART NO.	"A"	"B"	"C"	"D"	"E"
CRFFXW21-19-25	29.56"	25.50"	21.12"	19.06	21.06
CRFFXW31-19-25	40.06"	25.50"	31.62"	19.06	21.06
CRFFXW42-19-25	50.56"	25.50"	42.12"	19.06	21.06
CRFFXW52-19-25	61.06"	25.50"	52.62"	19.06	21.06
CRFFXW61-19-25	69.81"	25.50"	61.37"	19.06	21.06
CRFFXW70-19-25	78.06"	25.50"	70.12"	19.06	21.06
CRFFXW78-19-25	87.56"	25.50"	78.87"	19.06	21.06
CRFFXW21-19-30	29.56"	30.00"	21.12"	19.06	21.06
CRFFXW31-19-30	40.06"	30.00"	31.62"	19.06	21.06
CRFFXW42-19-30	50.56"	30.00"	42.12"	19.06	21.06
CRFFXW52-19-30	61.06"	30.00"	52.62"	19.06	21.06
CRFFXW61-19-30	69.81"	30.00"	61.37"	19.06	21.06
CRFFXW70-19-30	78.06"	30.00"	70.12"	19.06	21.06
CRFFXW78-19-30	87.56"	30.00"	78.87"	19.06	21.06
CRFFXW21-19-36	29.56"	36.00"	21.12"	19.06	21.06
CRFFXW31-19-36	40.06"	36.00"	31.62"	19.06	21.06
CRFFXW42-19-36	50.56"	36.00"	42.12"	19.06	21.06
CRFFXW52-19-36	61.06"	36.00"	52.62"	19.06	21.06
CRFFXW61-19-36	69.81"	36.00"	61.37"	19.06	21.06
CRFFXW70-19-36	78.06"	36.00"	70.12"	19.06	21.06
CRFFXW78-19-36	87.56"	36.00"	78.87"	19.06	21.06

DIMENSIONS					
PART NO.	"A"	"B"	"C"	"D"	"E"
CRFFXW21-24-25	29.56"	25.50"	21.12"	24.06	26.06
CRFFXW31-24-25	40.06"	25.50"	31.62"	24.06	26.06
CRFFXW42-24-25	50.56"	25.50"	42.12"	24.06	26.06
CRFFXW52-24-25	61.06"	25.50"	52.62"	24.06	26.06
CRFFXW61-24-25	69.81"	25.50"	61.37"	24.06	26.06
CRFFXW70-24-25	78.06"	25.50"	70.12"	24.06	26.06
CRFFXW78-24-25	87.56"	25.50"	78.87"	24.06	26.06
CRFFXW21-24-30	29.56"	30.00"	21.12"	24.06	26.06
CRFFXW31-24-30	40.06"	30.00"	31.62"	24.06	26.06
CRFFXW42-24-30	50.56"	30.00"	42.12"	24.06	26.06
CRFFXW52-24-30	61.06"	30.00"	52.62"	24.06	26.06
CRFFXW61-24-30	69.81"	30.00"	61.37"	24.06	26.06
CRFFXW70-24-30	78.06"	30.00"	70.12"	24.06	26.06
CRFFXW78-24-30	87.56"	30.00"	78.87"	24.06	26.06
CRFFXW21-24-36	29.56"	36.00"	21.12"	24.06	26.06
CRFFXW31-24-36	40.06"	36.00"	31.62"	24.06	26.06
CRFFXW42-24-36	50.56"	36.00"	42.12"	24.06	26.06
CRFFXW52-24-36	61.06"	36.00"	52.62"	24.06	26.06
CRFFXW61-24-36	69.81"	36.00"	61.37"	24.06	26.06
CRFFXW70-24-36	78.06"	36.00"	70.12"	24.06	26.06
CRFFXW78-24-36	87.56"	36.00"	78.87"	24.06	26.06

- A = Overall Height
- B = Depth
- C = Panel Opening Height
- D = Panel Opening Width
- E = Overall Width

