

FXN PRODUCT SIZE GUIDE: FIND THE RIGHT MODEL FOR YOUR CABINET VOLUME

FXN ROPE COMPATIBILITY FOR CABINET SIZES				
Model No.	Rope Size (ft)	Rope Size (m)	Cabinet Volume (ft ³)	Cabinet Volume (L)
FXN-R100	7.55	2.3	2.5 ~ 3.5	65 ~ 100
FXN-R200	10.83	3.3	7	200
FXN-R300	14.76	4.5	10	300
FXN-R500	20.67	6.3	17	500
FXN-R750	27.56	8.4	26	750
FXN-R1000	34.45	10.5	35	1000
FXN-R1500	46.59	14.2	53	1500
FXN-R2000	59.38	18.1	70	2000

FXN STICKER COMPATIBILITY FOR CABINET SIZES				
Model No.	Sticker Size W x L x T (inches)	Sticker Size W x L x T (mm)	Cabinet Volume (ft ³)	Cabinet Volume (liters)
FXN-S20	3.94 x 1.57 x 0.04	100 x 40 x 1	0.7	20
FXN-S30	3.94 x 3.94 x 0.04	100 x 100 x 1	1	30
FXN-S50	5.91 x 3.94 x 0.04	150 x 100 x 1	1.8	50
FXN-S65	7.87 x 3.94 x 0.04	200 x 100 x 1	2.3	65

FXN TAPE COMPATIBILITY FOR CABINET SIZES		
Model No.	Tape Size (In. width x ft. length)	Tape Size (mm width x m length)
FXN-T15	0.59 x 3.28	15 x 1
FXN-T15L	0.59 x 32.8	15 x 10
FXN-T25	0.98 x 3.28	25 x 1
FXN-T25L	0.98 x 32.8	25 x 10
FXN-T50	1.97 x 3.28	50 x 1
FXN-T50L	1.97 x 32.8	50 x 10
FXN-T100	3.94 x 3.28	100 x 1
FXN-T100L	3.94 x 32.8	100 x 10



CALCULATING CABINET VOLUME AND SELECTING THE CORRECT FXN MODEL

1. Calculating Cabinet Volume

To ensure adequate fire protection, it is crucial to accurately determine the cabinet's volume before selecting an FXN model. Follow these steps:

- **Measure:** Carefully measure the **Height**, **Width**, and **Depth** of the cabinet in consistent units (inches or meters).
- **Calculate Volume:** Multiply the three measurements together:
 - $\text{Volume} = \text{Height} \times \text{Width} \times \text{Depth}$
- **Convert Units (If Necessary):**
 - **To cubic feet (ft³):** If measurements were in inches, divide the calculated volume by 1728 ($1 \text{ ft}^3 = 12^3 \text{ in}^3$)
 - **To liters (L):** If measurements were in meters, multiply the calculated volume by 1000 ($1 \text{ m}^3 = 1000 \text{ L}$)

Example:

- Cabinet dimensions:
 - Height: 24 inches
 - Width: 18 inches
 - Depth: 12 inches
- Calculation:
 - Volume: $24\text{in} \times 18\text{in} \times 12\text{in} = 5184\text{in}^3$
 - Converted to cubic feet: $5184 \text{ in}^3 \div 1728 = 3 \text{ ft}^3$

2. Selecting the Correct FXN Model

- Reference the **FXN Product Size Chart** provided.
- Match the calculated cabinet volume to the appropriate FXN model listed in the chart.

Important:

- Ensure the selected FXN model's capacity **EXCEEDS** the total cabinet volume. This ensures comprehensive fire protection.
- If the cabinet volume falls between two FXN models, choose the larger model.
- For complex cabinet shapes or multiple compartments, consult with a **FireXNull** representative for assistance in selecting the correct model and placement.