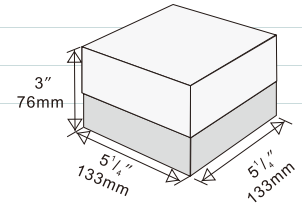


# Vertical Racks for Chest Freezer & Liquid Nitrogen Tanks

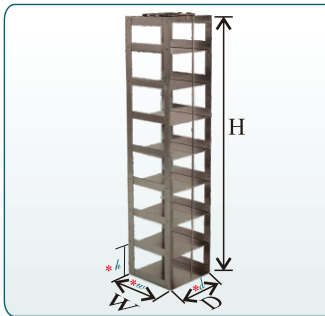
(Locking Rod Included)

## For Standard 3" Boxes



[ Check page 108 for Boxes ]

- ◆ Constructed of corrosion resistant stainless steel.
- ◆ Security lock devices are available for each rack.



Rack Only



Rack w/Cardboard Box



Rack w/Metal Box



w/DR LockDevice Option

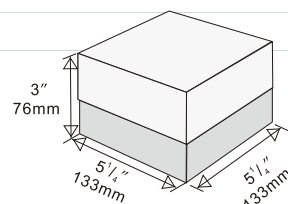
Part Number	Description	Dimension H x W x D	Compartment Size h x w x d	Capacity (Box)	Lock Device Option*	Shipping Weight lb(Kg)
CF-4-3	Rack Only	13 x 5 <sup>5</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>2</sub> inch 330 x 143 x 140 mm	3 <sup>1</sup> / <sub>8</sub> x 5 <sup>5</sup> / <sub>16</sub> x 5 <sup>3</sup> / <sub>8</sub> inch 79.3 x 134.5 x 136 mm	4	DR-12	2.1(0.94)
CF-5-3	Rack Only	16 <sup>3</sup> / <sub>16</sub> x 5 <sup>5</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>2</sub> inch 411 x 143 x 140 mm	3 <sup>1</sup> / <sub>8</sub> x 5 <sup>5</sup> / <sub>16</sub> x 5 <sup>3</sup> / <sub>8</sub> inch 79.3 x 134.5 x 136 mm	5	DR-15	2.4(1.11)
CF-6-3	Rack Only	19 <sup>3</sup> / <sub>8</sub> x 5 <sup>5</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>2</sub> inch 492 x 143 x 140 mm	3 <sup>1</sup> / <sub>8</sub> x 5 <sup>5</sup> / <sub>16</sub> x 5 <sup>3</sup> / <sub>8</sub> inch 79.3 x 134.5 x 136 mm	6	DR-17	2.6(1.20)
CF-7-3	Rack Only	22 <sup>1</sup> / <sub>2</sub> x 5 <sup>5</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>2</sub> inch 572 x 143 x 140 mm	3 <sup>1</sup> / <sub>8</sub> x 5 <sup>5</sup> / <sub>16</sub> x 5 <sup>3</sup> / <sub>8</sub> inch 79.3 x 134.5 x 136 mm	7	DR-22	3.2(1.47)
CF-8-3	Rack Only	25 <sup>11</sup> / <sub>16</sub> x 5 <sup>5</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>2</sub> inch 653 x 143 x 140 mm	3 <sup>1</sup> / <sub>8</sub> x 5 <sup>5</sup> / <sub>16</sub> x 5 <sup>3</sup> / <sub>8</sub> inch 79.3 x 134.5 x 136 mm	8	DR-25	3.6(1.65)
CF-9-3	Rack Only	28 <sup>1</sup> / <sub>2</sub> x 5 <sup>5</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>2</sub> inch 724 x 143 x 140 mm	3 <sup>1</sup> / <sub>8</sub> x 5 <sup>5</sup> / <sub>16</sub> x 5 <sup>3</sup> / <sub>8</sub> inch 78.5 x 134.5 x 136 mm	9	DR-27	4.0(1.81)
CF-10-3	Rack Only	32 <sup>1</sup> / <sub>16</sub> x 5 <sup>5</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>2</sub> inch 814 x 143 x 140 mm	3 <sup>1</sup> / <sub>8</sub> x 5 <sup>5</sup> / <sub>16</sub> x 5 <sup>3</sup> / <sub>8</sub> inch 79.3 x 134.5 x 136 mm	10	DR-31	4.4(2.00)

\* Lock device is ordered separately.

# Spring Clip Vertical Racks for Chest Freezer & Liquid Nitrogen Tanks

(Locking Rod Included)

## For Standard 3" Boxes

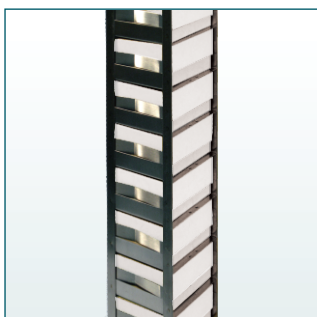


[ Check page 108 for Boxes ]

- ◆ Made of corrosion resistant stainless steel.
- ◆ Spring clips securely hold boxes in rack compartments without using locking rods and allow for easy removal of boxes.
- ◆ Security lock devices are available for each rack.



Rack Only



Rack w/Cardboard Box



w/DR LockDevice Option

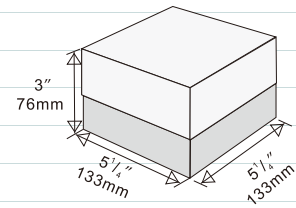
Part Number	Description	Dimension H x W x D	Compartment Size h x w x d	Capacity (Box)	Lock Device Option*	Shipping Weight lb(Kg)
CF-7-3-S	Rack Only	22 <sup>1</sup> / <sub>2</sub> x 5 <sup>5</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>2</sub> inch 572 x 143 x 140 mm	3 <sup>1</sup> / <sub>8</sub> x 5 <sup>5</sup> / <sub>16</sub> x 5 <sup>5</sup> / <sub>16</sub> inch 79.3 x 134.5 x 135 mm	7	DR-22	3.7(1.69)
CF-8-3-S	Rack Only	25 <sup>11</sup> / <sub>16</sub> x 5 <sup>5</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>2</sub> inch 653 x 143 x 140 mm	3 <sup>1</sup> / <sub>8</sub> x 5 <sup>5</sup> / <sub>16</sub> x 5 <sup>5</sup> / <sub>16</sub> inch 79.3 x 134.5 x 135 mm	8	DR-25	4.2(1.9)
CF-9-3-S	Rack Only	28 <sup>1</sup> / <sub>2</sub> x 5 <sup>5</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>2</sub> inch 724 x 143 x 140 mm	3 <sup>1</sup> / <sub>8</sub> x 5 <sup>5</sup> / <sub>16</sub> x 5 <sup>5</sup> / <sub>16</sub> inch 78.5 x 134.5 x 135 mm	9	DR-27	4.6(2.1)
CF-10-3-S	Rack Only	32 <sup>1</sup> / <sub>16</sub> x 5 <sup>5</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>2</sub> inch 814 x 143 x 140 mm	3 <sup>1</sup> / <sub>8</sub> x 5 <sup>5</sup> / <sub>16</sub> x 5 <sup>5</sup> / <sub>16</sub> inch 79.3 x 134.5 x 135 mm	10	DR-31	5.1(2.3)

\* Lock device is ordered separately.

# Vertical Half Racks

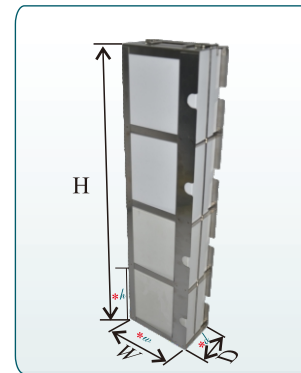
(Locking Rod Included)

## For Standard 3" Boxes



[ Check page 108 for Boxes ]

- ◆ Racks are for standard 3" boxes.
- ◆ Made of corrosion resistant stainless steel.
- ◆ Racks are ideal for light load and easy handling of sample storage in freezers or liquid nitrogen tanks.
- ◆ Locking rod is included for each rack.



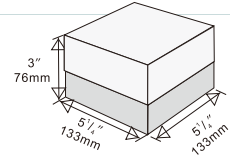
Rack Only

Part Number	Description	Dimension H x D x W	Compartment Size h x d x w	Capacity (Box)	Shipping Weight lb(Kg)
LR-3-3	Rack Only	16 <sup>1</sup> / <sub>2</sub> x 3 <sup>1</sup> / <sub>4</sub> x 5 <sup>9</sup> / <sub>16</sub> inch 419 x 82 x 141 mm	5 <sup>3</sup> / <sub>8</sub> x 3 <sup>1</sup> / <sub>4</sub> x 5 <sup>1</sup> / <sub>4</sub> inch 137 x 82 x 133 mm	3	1.4(0.63)
LR-4-3	Rack Only	21 <sup>15</sup> / <sub>16</sub> x 3 <sup>1</sup> / <sub>4</sub> x 5 <sup>9</sup> / <sub>16</sub> inch 558 x 82 x 141 mm	5 <sup>3</sup> / <sub>8</sub> x 3 <sup>1</sup> / <sub>4</sub> x 5 <sup>1</sup> / <sub>4</sub> inch 137 x 82 x 133 mm	4	1.6(0.71)
LR-5-3	Rack Only	26 <sup>3</sup> / <sub>4</sub> x 3 <sup>1</sup> / <sub>4</sub> x 5 <sup>9</sup> / <sub>16</sub> inch 679 x 82 x 141 mm	5 <sup>5</sup> / <sub>16</sub> x 3 <sup>1</sup> / <sub>4</sub> x 5 <sup>1</sup> / <sub>4</sub> inch 134.5 x 82 x 133 mm	5	2.1(0.96)
LR-6-3	Rack Only	32 <sup>3</sup> / <sub>16</sub> x 3 <sup>1</sup> / <sub>4</sub> x 5 <sup>9</sup> / <sub>16</sub> inch 817 x 82 x 141 mm	5 <sup>5</sup> / <sub>16</sub> x 3 <sup>1</sup> / <sub>4</sub> x 5 <sup>1</sup> / <sub>4</sub> inch 134.5 x 82 x 133 mm	6	2.5(1.14)

# Vertical Aluminum Racks for Chest Freezer & Liquid Nitrogen Tanks

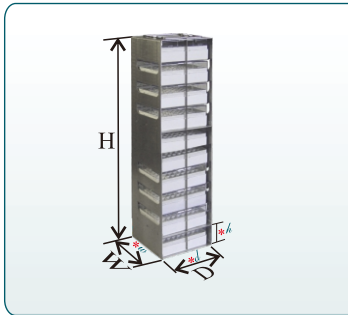
(Locking Rod Included)

## For Standard 3" Boxes



[ Check page 108 for Boxes ]

- ◆ Racks are for standard 3" boxes.
- ◆ Made of aluminum, these racks offer better temperature uniformity in vapor phase in liquid nitrogen tanks and ideal for long term storage of samples that are accessed infrequently.
- ◆ Security lock devices are available for each rack.



Rack w/Cardboard Box



w/DR LockDevice Option

Part Number	Description	Dimension H x W x D	Compartment Size h x w x d	Capacity (Box)	Lock Device Option**	Shipping Weight lb(Kg)
CFA-4-3	Rack Only	13 x 5 <sup>5</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>2</sub> inch 330 x 143 x 140 mm	3 <sup>1</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>4</sub> x 5 <sup>5</sup> / <sub>16</sub> inch 79.3 x 133 x 135 mm	4	DR-12	1.6(0.72)
CFA-5-3	Rack Only	16 <sup>3</sup> / <sub>16</sub> x 5 <sup>5</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>2</sub> inch 411 x 143 x 140 mm	3 <sup>1</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>4</sub> x 5 <sup>5</sup> / <sub>16</sub> inch 79.3 x 133 x 135 mm	5	DR-15	1.9(0.84)
CFA-6-3	Rack Only	19 <sup>5</sup> / <sub>16</sub> x 5 <sup>5</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>2</sub> inch 491 x 143 x 140 mm	3 <sup>1</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>4</sub> x 5 <sup>5</sup> / <sub>16</sub> inch 79.3 x 133 x 135 mm	6	DR-17	2.1(0.97)
CFA-7-3	Rack Only	22 <sup>1</sup> / <sub>2</sub> x 5 <sup>5</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>2</sub> inch 572 x 143 x 140 mm	3 <sup>1</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>4</sub> x 5 <sup>5</sup> / <sub>16</sub> inch 79.3 x 133 x 135 mm	7	DR-22	2.4(1.10)
CFA-8-3	Rack Only	25 <sup>11</sup> / <sub>16</sub> x 5 <sup>5</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>2</sub> inch 653 x 143 x 140 mm	3 <sup>1</sup> / <sub>8</sub> x 5 <sup>3</sup> / <sub>8</sub> x 5 <sup>5</sup> / <sub>16</sub> inch 79.3 x 137 x 135 mm	8	DR-25	2.7(1.23)
CFA-9-3	Rack Only	28 <sup>1</sup> / <sub>2</sub> x 5 <sup>5</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>2</sub> inch 724 x 143 x 140 mm	3 <sup>1</sup> / <sub>8</sub> x 5 <sup>3</sup> / <sub>8</sub> x 5 <sup>5</sup> / <sub>16</sub> inch 78.5 x 137 x 135 mm	9	DR-27	3.2(1.43)
CFA-10-3	Rack Only	32 <sup>1</sup> / <sub>16</sub> x 5 <sup>5</sup> / <sub>8</sub> x 5 <sup>1</sup> / <sub>2</sub> inch 814 x 143 x 140 mm	3 <sup>1</sup> / <sub>8</sub> x 5 <sup>5</sup> / <sub>8</sub> x 5 <sup>5</sup> / <sub>16</sub> inch 79.3 x 137 x 135 mm	10	DR-31	3.7(1.70)
CFA-10-3-W-XX*	Rack w/3" box and divider					3.7(1.70)+10ω <sup>1</sup> ***

\* To order, replace XX with either 81 or 100 cell divider.

\*\* Lock device is ordered separately.

\*\*\* ω<sup>1</sup>=0.26lb(0.12kg) for cardboard box, 1.5lb(0.68kg) for stainless steel box, 1lb(0.45kg) for aluminum box.