

### Chest Freezer

The chest freezer holds racks in a linear configuration. In the example below each rack is uniform but multiple capacities may be used. Racks may be numbered (or named) on top to easily identify when the lid is opened. These may be applied in the Main View tab after adding the template.

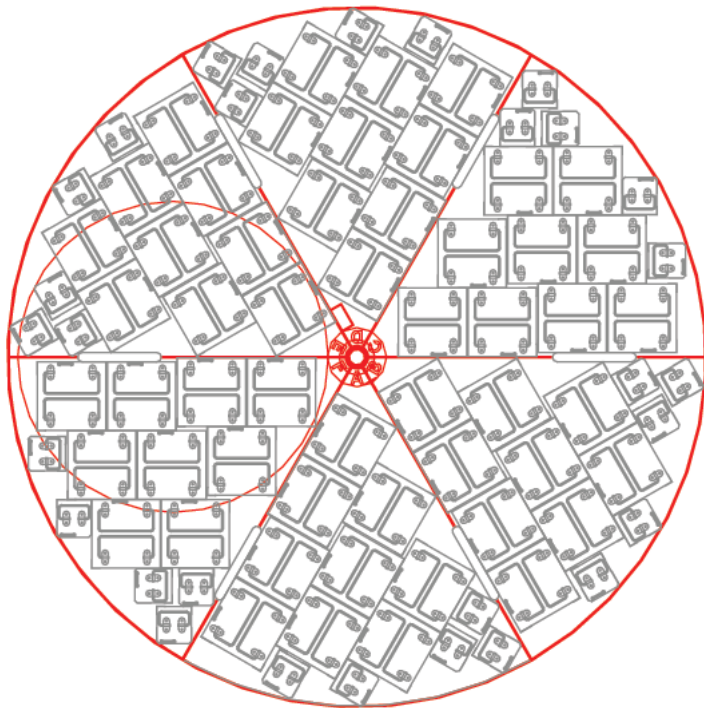
The screenshot shows the configuration interface for a Chest Freezer. On the left, there are three input fields: 'Label' with the value 'Chest', 'Type' with a dropdown menu set to 'Freezer', and 'Temperature' with a dropdown menu set to '-70 C'. Below these is a 'Configuration Design' section containing a list of eight '4x4 rack' items, numbered 1 through 8. To the right of the interface is a diagram of a 'Freezer' represented as a horizontal row of eight rectangular compartments, each containing a number from 1 to 8, representing the linear arrangement of racks.

### LN 2 Tank no divisions

In the example provided, the 1x20 racks have been added to the LDMS in a linear setup. In reality the racks are in a tank in a staggered configuration due to the circular nature of the container (or on a carousel). The number is placed on top of the rack to be easily identified from above.

The screenshot shows the configuration interface for an LN 2 Tank. On the right, there are three input fields: 'Label' with the value 'Nitrogen Freezer', 'Type' with a dropdown menu set to 'Freezer', and 'Temperature' with a dropdown menu set to 'Liquid Nitrogen'. Below these is a 'Configuration Design' section containing a list of twenty '1x20 rack' items, numbered 1 through 20.

### Square Rack Layout (P)



In this example the circular divisions need to be flattened. This is done by creating a starting point. Label the device if not yet labeled. The 9 racks in the diagram are in a staggered configuration. In the LDMS each sector should be formatted to a square (ie. 3x3)

Freezer

Sector A	Sector B	Sector C	Sector D	Sector E	Sector F
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Shelf

#### Sector A

Rack 1	Rack 2	Rack 3
Rack 4	Rack 5	Rack 6
Rack 7	Rack 8	Rack 9

Box 1
Box 2
Box 3
Box 4
Box 5
Box 6
Box 7
Box 8

1 x8 Rack