

## The Coolest Hot Deal of The Year!!



Temperature Range:  
-86°C  
to -20°C

3 Year  
Remote Temperature  
Monitoring Device  
Subscription!

**Get your  
discount  
now!**

- Designed for intensive use
- Reliable and sustainable
- Compact and robust
- 24/7 real-time monitoring

Offering an industry-leading Door Opening Recovery (DOR) and Pull Down Time, the U201 is the perfect solution for your reliable and intensive ultra-low cold chain needs.

### Key Features:

- Storage Capacity: 217L | 7.66 cu.ft
- Storage Temperature Range: -86°C to -20°C
- Ambient Temperature Range: +10°C to +43°C
- Refrigerants: Natural R290/R170
- External Dimensions (HxWxD): 1293x699x1039 mm | 50.91x27.52x40.9 in

### Compliance:

MDR (EU) 2017/745, Class IIa

FDA (US) 21 CFR Part 864.9700, Class II

**Contact us today to get this special offer!**

## Superior Performance

Built with superior cooling technology, proprietary gaskets designed to seal and keep out ambient air, and insulation, the unit ensures the reliable storage of specimens in the ultra-low temperature range of  $-86^{\circ}\text{C}$  to  $-20^{\circ}\text{C}$ .

The unit offers remarkable Door Opening Recovery and Pull Down Time making it the perfect solution for intensive usage.

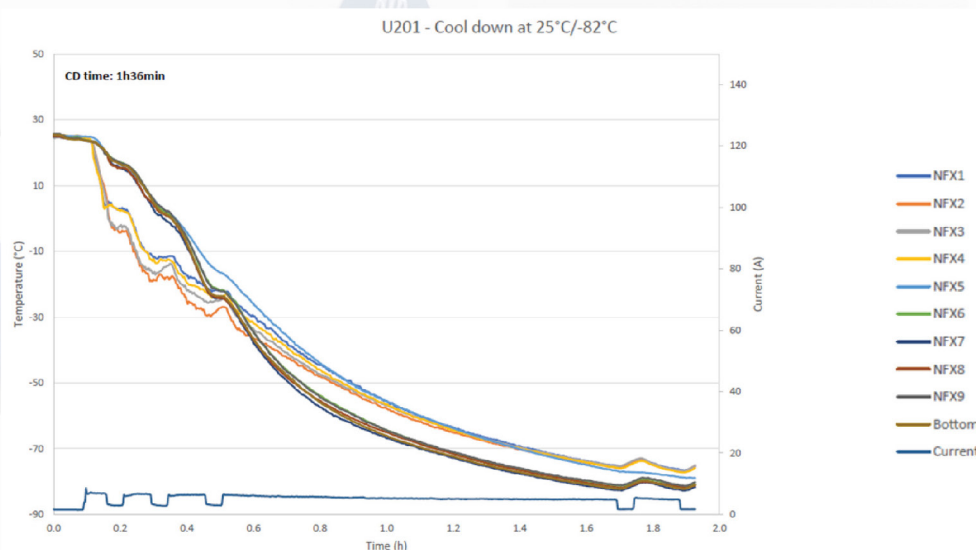
### Door Open Recovery<sup>1</sup> : U201

During the door opening, the superior cooling technology ensures that the temperature of the cabinet is returned to its intended range as fast as possible. The table highlights the various door opening recovery time for the U201 under standard testing conditions.<sup>1</sup>

Recovery Time to	Opening 15 sec	Opening 30 sec	Opening 1 min	Opening 2 min	Opening 3 min
$-45^{\circ}\text{C}$	42 sec	51 sec	1 min 15 sec	1 min 35 sec	3 min 50 sec
$-60^{\circ}\text{C}$	1 min 20 sec	1 min 30 sec	3 min 10 sec	8 min 20 sec	12 min
$-70^{\circ}\text{C}$	2 min 45 sec	4 min 40 sec	12 min 40 sec	18 min 40 sec	26 min
Set Point	10 min 25 sec	12 min 20 sec	19 min 20 sec	27 min 40 sec	32 min 50 sec

### Pull Down Time : U201

Ultra-Low Freezers from B Medical Systems are also known for their superior pull-down time that helps the end-users to start using the freezers as fast as possible. The chart represents the pull down for the U201. The unit was able to cool down to its set point from the room temperature in 1 hr 36 mins.



1. The testing was conducted at  $25^{\circ}\text{C}$  ambient with a set point of  $-82^{\circ}\text{C}$  (unloaded condition)