

## **-40°C Chest Freezers** *CHQ 3001-3003 Series*



### **-40°C Chest Freezers CHQ 3001-3003 Series**

-40°C Chest Freezers CHQ 3001-3003 Series is designed with a wide voltage tolerance, applicable voltage range of 187V~242V/AC. Digital control panel for easy viewing and control of parameters. Adjustable wheels for easy installation and leveling of unit.

➤ **Design**

Designed with Manual Defrosting, Direct Cooling, PURF Insulation and chemically stable CFC free environmentally safe refrigerants are used in the Freezers.

➤ **Controller System**

It is equipped with Microprocessor Temperature Controller, digital display and lockable caster design for easy movement.

➤ **Security System**

Equipped with safety alarms such as High/Low temperature, Sensor Error, Temperature controller malfunction, and Power Failure with two types of alarm indications: audible buzzing and visible flashing light.

➤ **Applications**

Used for long term preservation of virus, germs, vaccines, biological tissues, medicines, reagents and suitable for scientific research institution, biomedical, electronic and chemical industries.

**Specifications**

<b>Model No.</b>	<b>CHQ 3001</b>	<b>CHQ 3002</b>
<b>Capacity</b>	105L	485L
<b>Temperature Range</b>	-10°C to -40°C	-20°C to -40°C
<b>Ambient Temperature</b>	10°C to 32°C	10°C to 32°C
<b>Refrigerant</b>	R290	R290
<b>Condenser</b>	Wire Tube	Wire Tube
<b>Noise</b>	50dB	55dB
<b>Sensor</b>	NTC	NTC
<b>No. of Compressors</b>	1	1
<b>Power Consumption (KWh/24hr)</b>	1.65	3.45
<b>Power</b>	160W	295W
<b>Current</b>	1.15A	2.45A

<b>Internal Material</b>	Stainless Steel	Stainless Steel
<b>External Material</b>	Color Sprayed Steel	Color Sprayed Steel
<b>Internal Dimensions (W*D*H)</b>	480*380*665mm	1455*525*665mm
<b>External Dimensions (W*D*H)</b>	685*645*930mm	1670*810*930mm
<b>Packaging Dimensions (W*D*H)</b>	750*700*1040mm	1775*880*1060mm
<b>Net Weight</b>	52kg	108kg
<b>Gross Weight</b>	64.5kg	135kg
<b>Power Supply</b>	220V/50Hz	220V/50Hz

<b>Model No.</b>	<b>CHQ 3003</b>
<b>Capacity</b>	305L
<b>Temperature Range</b>	-20°C to -40°C
<b>Ambient Temperature</b>	10°C to 32°C
<b>Refrigerant</b>	R290
<b>Condenser</b>	Wire Tube
<b>Noise</b>	50dB
<b>Sensor</b>	NTC
<b>No. of Compressors</b>	1
<b>Power Consumption (KWh/24hr)</b>	1.68
<b>Power</b>	150W
<b>Current</b>	1.3A
<b>Internal Material</b>	Color Sprayed Steel

<b>External Material</b>	Color Sprayed Steel
<b>Internal Dimensions (W*D*H)</b>	1000*520*665mm
<b>External Dimensions (W*D*H)</b>	1218*840*940mm
<b>Packaging Dimensions (W*D*H)</b>	1295*842*1070mm
<b>Net Weight</b>	80kg
<b>Gross Weight</b>	85kg
<b>Power Supply</b>	220V/50Hz

#### Standard and Optional Accessories

<b>Model Parameters</b>	<b>CHQ 3001</b>	<b>CHQ 3002</b>	<b>CHQ 3003</b>
<b>Casters</b>	Yes	Yes	Yes
<b>Test Hole</b>	1/25mm	1	1/25mm
<b>Data Logger</b>	Optional	Optional	Optional
<b>Power Failure Backup System (alarm)</b>	-	-	12hr