



Enviro Systems

Simplifying climatic world



About US

Q Vary Systems designs and manufactures all types of refrigeration equipments that are suitable to industrial, laboratory, hospital and research centers. We pride ourselves in offering our customers competitive rates while maintaining the high standards of customer service we have built our reputation on. We also provide you with the products tailored to suit your individual requirements within your budget and timeline.

Introduction



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We are one of the reputed manufacturers of Deep freezer -40°C , avoid cell structure damage and increase the product shelf life. With internal and external finishing in stainless steel, the freezer is provided with high efficiency, which ensures adequate cooling capacity.



Deep Freezers



Salient features

Freezer volume	: 100L to 829L
Cooling Watts	: 400 to 6KW
Inner wall	: SS304
Outer wall	: CRCA
Paint	: Powder coated
Wheels	: yes, heavy duty Castrol
Accuracy	: $\pm 1^{\circ}\text{C}$
Air filter	: Yes, tool free access
Controller	: Microprocessor based controller.
Set value range	: -20 to -40°C ($\pm 1^{\circ}\text{C}$ increment)
Safety switch	: MCB ,OLR ,Pressure switch Provided
Insulations	: High density PUF
Power Supply	: 220V, 50Hz
Noise Level	: ≤ 50

GMP Model Available

Cascade Refrigeration System. Triple seal gasket to prevent thermal intrusion. Hermetically sealed, commercially available, Imported make compressors. Microprocessor based basic PLC LED or LCD display can view and change the set value Temperature RS232 / RS 485 communication port. Fault self-diagnostic. Audible and visual alarms for temperature deviation, opened door & high condenser temperature. Front mounted, Tools free filter access. Removable tray(s). Lock ensures firmly closing of the door. Heavy duty castors with lock feature. Vents for cable access into the chamber cabin (if requested by customer). One year comprehensive warranty.

Optional Features:

Interior Light, Voltage Stabilizer, Battery Backup, IQ/DQ/PQ Report, NABL Certificate, Machine control software. , cable port , schedule on/off , function, Servo Stabilizer, Co2 Backup



Q VARY variants has been shown below based on different parameters: on Freezers

QDT Freezer		Inner SIZE			Outer SIZE		
Model	Litter	H	W	D	H	W	D
QDFV100L-E	100	681	320	460	1301	480	680
QDFV189L-E	189	856	480	460	1476	640	680
QDFV250L-E	250	856	480	610	1476	640	830
QDFV313L-E	313	1070	480	610	1690	640	830
QDFV417L-E	417	1070	640	610	1690	800	830
QDFV522L-E	522	1070	800	610	1690	960	830
QDFV626L-E	626	1284	800	610	1904	960	830
QDFV663L-E	663	1314	660	765	1904	820	925
QDFV829L-E	829	1314	825	765	1904	985	925

Model Nomenclature – DFVA100

Temperature low range	Media	Design type	Power	Capacity
D	F	V	A	100
U : +20°C to -80°C D : +20°C to -40°C L : +20°C to -20°C M : +20°C to 0°C	F : Freezer M : Cooler	V : Vertical H : Horizontal	A : 220VAC B : 440VAC	Volume capacity in (L) Litter



Deep Freezers

Chambers

- ⇒ Temperature Chambers (T)
- ⇒ Humidity Chambers (T & RH)
- ⇒ Stability Chambers
- ⇒ Walk In Chambers
- ⇒ Cold Rooms
- ⇒ Freezer Rooms
- ⇒ Cyclic Chambers
- ⇒ Growth Chambers

Chillers

- ⇒ Air Cooled Chillers
- ⇒ Water Cooled Chillers
- ⇒ Process Chillers

Incubators & Ovens

- ⇒ Incubator s
- ⇒ Cooling Incubators (BOD)
- ⇒ Hot Air Ovens
- ⇒ Vacuum Ovens

Freezers

- ⇒ Ultra Low Temperature Freezers (-80° C)
- ⇒ Blood Component Freezers (-80° C)
- ⇒ Deep Freezers & Plasma Freezers (-40 ° C)
- ⇒ Low Temperature Freezers (-20 ° C)
- ⇒ Glycol Freezers
- ⇒ Blast Freezers
- ⇒ Ultra air Freezers

Refrigerators

- ⇒ Lab Refrigerators
- ⇒ Blood Bag Refrigerators
- ⇒ Glycol Refrigerators

Ice Makers

- ⇒ Ice Cubes Makers
- ⇒ Ice Flakes Makers

Freeze Dryers

- ⇒ lyophilizer

Medical



Research



Blood Banks



Industries



Institutes





Q Vary enviro systems

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