

“UniFreez™ U” Smart-Lab™ ULT Freezer, 4 & 5-Door, Upright-type, -86°C ~ -65°C

Non-Freon Refrigerants, Auto Vacuum Releasing System, 393-/503-/714-/796-Lit, Wire™ Service

초저온 냉동고, 업라이트형, 단일 냉각 시스템, 터치 스크린 LCD 컨트롤러, 친환경 냉매 채용



2-Year Warranty

SMART Ultra-Low Temperature Freezer, “UniFreez™ U800”

Smart-Lab™ Controller



7" Full Touch Screen TFT LCD



WiRe™ App Service

It is possible to monitor and control the Smart-Lab™ equipment through all smart phone, tablet without restraint of time and place.

Controlled by Smart-Phone

- Made in Korea
- GD(Good Design)-mark
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- “UniFreez™ U” System can freeze down to -86°C : realize robust and long life time.
- Smart-Lab™ Controller : Remote Controlled by Smart-Phone with WiRe™ App Service
 - Ergonomic 7" Full Touch Screen TFT LCD
 - Easy Monitoring and Control - Eye level Controller
 - Internet Connectivity with WiFi
 - Storage Management & Automatic Temp. Data Recording
 - Self-Diagnostic Function : Built in Standard Warning and Alarm Functions
 - RS232 Communication Link

- * Easy Maintenance and Improved Performance
- * High-quality Insulation Panel and Inner Doors ensure defrosting around outer surface.
- * Automatic Vacuum Breaker - Easy to re-open the Door.
- * Robust & Flexible design of Door Handle
- * Use of Block Condenser removes filter and causes of related failure.
- * Filter-free Mechanism lowers heat generated by the compressor
- * CFC-free Refrigerants are used
- * External Temp. Sensor Hole
- * Inner Door Height : 312mm(4 Door), 252mm(5 Door)
- * Included Shelves : 3ea.(4 Door), 4ea.(5 Door)

Specifications & Ordering information

Spec.	Model	“UniFreez U400” 4 & 5 Door Max. Capa. 393L	“UniFreez U500” 4 & 5 Door Max. Capa. 503L	“UniFreez U700” 4 & 5 Door Max. Capa. 714L	“UniFreez U800” 4 & 5 Door Max. Capa. 796L
		Capacity	393 Lit.	503 Lit.	714 Lit.
Temp.	Range	-86°C ~ -65°C		-80°C ~ -65°C	
	Sensor	at Room Temperature of 30°C and Humidity of 70%			
Compressor		Hermetic Type			
Condenser Type		Block Condenser, No Pin, Filter Free Mechanism			
Refrigerant		Natural (CFC Free Refrigerant System)			
Controller & Display		7" Full Touch Screen TFT LCD (Smart-Lab™ Controller)			
Shelves		3ea.(4 Door), 4ea(5 Door)			
Max. Q'ty of Racks	4-Door	16pcs of 15(5×3)- Placed Rack (RFU4234)	16pcs of 20(5×4)- Placed Rack (RFU4257)	24pcs of 20(5×4)- Placed Rack (RFU4257)	28pcs of 20(5×4)- Placed Rack (RFU4257)
	5-Door	20pcs of 12(4×3)- Placed Rack (RFU5234)	20pcs of 16(4×4)- Placed Rack (RFU5257)	30pcs of 16(4×4)- Placed Rack (RFU5257)	35pcs of 16(4×4)- Placed Rack (RFU5257)
Material	Internal	Stainless-steel (#304)			
	External	Powder Coated steel Plate			
	Inner Door	Powder Coated Stainless-steel (#304)			
Chamber Dimension (w×d×h)	Internal(mm)	600×500×1,310	600×640×1,310	880×620×1,310	980×620×1,310
	External(mm)	840×750×1,900	840×890×1,900	1,120×870×1,900	1,220×870×1,900
Net Weight		210 kg	240 kg	320 kg	350 kg
Packing Size (w×d×h) (cm) & Gross Weight		116×116×222	116×124×222	140×140×221	150×140×221
		296 kg	327 kg	442 kg	472 kg
Power Consumption		373 w/h	458 w/h	503 w/h	588 w/h
Electrical Reqts.		1 Phase, AC 120V, 60Hz or AC 230V, 50 / 60Hz			

Cat. No.	4-Door	230V	DH.SWUF00400	DH.SWUF00500	DH.SWUF00700	DH.SWUF00800
		120V	DH.SWUF03400	DH.SWUF03500	DH.SWUF03700	DH.SWUF03800
Price, Each. ₩			8,070,000	8,912,000	10,997,000	13,081,000
Cat. No.	5-Door	230V	DH.SWUF00450	DH.SWUF00550	DH.SWUF00750	DH.SWUF00850
		120V	DH.SWUF03450	DH.SWUF03550	DH.SWUF03750	DH.SWUF03850
Price, Each. ₩			8,589,000	9,378,000	11,592,000	13,808,000

* Other Specifications are available upon Customer's Request. ※ 운임 약 ₩ 55,000별도!

Optional Freezer Racks, Boxes, etc. : Please See 748~749 Page