

Vertical Freeze Dryer



Technical Parameters

Model	VRIESVS		VRIESVSM	VRIESSC0	VRIESVSCM8
Type	Standard chamber		Standard chamber with 8 port manifold	Stoppering chamber	Stoppering chamber with 8 port manifold
Freeze Drying Area	0.12m ²			0.09m ²	
Tray	4 pcs			3 pcs	
Height Between Trays	50mm			68mm	
Cold Trap Temperature	≤-60°C/-80°C				
Cold Trap Capacity	9.5L				
Cold Trap Size(Dr*H)	Φ215*260mm				
Vacuum Degree	<10Pa				
Water Capture Capacity	4kg/24h				
Tray Size (D*H)	Φ200*20mm				
Freeze Drying Time	24h				
Loading Capacity/Shelf(Liquid)	0.3L				
Total Loading Capacity(Liquid)	1.2L			0.9L	
Drying Chamber Size(D*H)	Φ260*310mm		Φ260*450mm	Φ260*450mm	
Can Load Vials Qty	Φ22mm	260		195	
	Φ16mm	480		360	
	Φ12mm	920		690	
Refrigerant	R600a+R290+R23				
Cooling System	Air cooling				
Consumption	-56°C: 0.9kW, -80°C: 1.5kW				
Power Supply	AC220V, 50Hz(single phase); 110/220V, 60Hz (single phase, only for -56°C)				
Standard Accessory	Vacuum pump 2L/S, 8m ³ /h (for all models), Conical-mouth flask 500mlx8				
Optional Function & Accessory	Tray heating (for all models), Cold trap defrosting (for all models), Conical-mouth flask and wide-mouth flask				
External Size(W*D*H)	460*620*920/1370mm				
Package Size	Main Body	590*710*1170 / 90kg		590*710*1170 / 90kg	
(W*D*H)mm /	Drying Chamber	340*340*460 / 12kg		390*390*670 / 15kg	
Gross Weight	Vacuum Pump	590*380*220 / 22kg		590*380*220 / 22kg	