

Technical Parameters

Item\ Model		MTFD0.2-5L	MTFD2.2-50L	MTFD15-180L	MTFD25-300L
Water Loading Capacity		5	50	180	300
(L/shift)					
Standard Feed Capacity		2.5	30	200	320
(kg/shift)					
Lyophilizer Assembly	Material	SUS304, Passivation Treatment of Inner and Outer Surface			
	Outside Dimension	1000x1000x1400	3000x2000x2100	4000x1800x2400	Φ2200x7500
	(mm)				
	Chamber Door	Square ,Single Open	Circular Shape ,Single Open	Square ,Single Open	Circular Shape, Single Open
	Cold trap Type	Underside	Top Mounted Type	Rear Mounted Type	
	Refrigeration Type	Direct Expansion Feed, Refrigerant: R404A/R507A			
	Evaporative Temp	S-50°C		≤-70°C	
Shelf/Tray	No .of Product Shelf	3	7	14	11
	Total Shelf Area	0.2 m ²	2.2 m ²	15 m ²	25 m ²

	Heat Transfer Mode	Electric Heating	Circulation Radiation Heating ,Heat Exchange for Electric Heating Pipe	Tray Contact Heating, Heat Exchange for Silicone Oil	
	Regulating Temperature Range of The Shelves	Room Temperature~+100°C		-60°C~+100°C	
	Tray Size(mm)	360x280x32	680x550x32	680x550x35	700x600x35
	QTY of Tray	2	6	40	120
	Loading Type	Manual Loading and Unloading			
Vacuum System	Static limit Vacuum for Each One Working Pressure in Bin	13Pa			
		30-133Pa			
Control	Control Cabinet	All in One, PLC Control			
	Temperature	Programming Control			
	Vacuum	Vacuum Gauge Control			
	Voltage	AC/220V/50HZ		AC/380V/50HZ	

Item\ Model	MTFD5 0-600L	MTFD10 0-1200L	MTFD120-150 0L	MTFD200-2500 L	MTFD24 0-3000L
Water Loading Capacity (L/shift)	600	1200	1500	2500	3000

Standard Feed Capacity (kg/shift)		640	1280	1520	2660	3200	
Lyophilizer Assembly	Material	SS400,Metal Spray on Inner Surface and Paint on Outer Surface/SUS304,Passivation Treatment of inner and Outer Surface					
	Outside Dimension (mm)	Φ1800x6800	Φ2300x6900	Φ2300x9600	Φ2500x11000	Φ2500x11700	Φ2500x12850
						Φ2500x7100	Φ2500x7600
	Chamber Door	Circular Shape ,Single Open					
	Cold trap Type	Rear Mounted Type		Rear Mounted Type/Side Mounted Type			
	Refrigeration Type	Direct Expansion Feed/Ppump Feed, Refrigerant:R507A/CO2/R717					
	Evaporative Temp	≤-40℃					
Shelf/Tray	No .of Product Shelf	17	17	20	20	21	
	Total Shelf Area	50 m ²	100 m ²	120 m ²	200 m ²	240 m ²	
	Heat Transfer Mode	Circulation Radiation Heating ,Heat Exchange for 0.5MPa Saturated Steam					
	Regulating Temperature Range of The Shelves	Room Temperature~+120℃					
	Tray Size(m m)	680x550x32	680x550x32	680x550x32	680x550x32	680x550x32	
	QTY of Tray	128	256	304	532	640	

	Loadin g Type	Suspension Rail Type
Vacuu m Syste m	Static limit Vacuu m for Each One	13Pa
	Workin g Pressur e in Bin	30~133Pa
Contr ol	Control Cabine t	Split Type, PLC Control
	Tempe rature	Temperature Controller Control
	Vacuu m	Vacuum Gauge Control
	Voltage	AC/380V/50HZ