



AE-LYO Series

Food Freeze Dryer Automatic Purge System

Key Features

1. Adopt the PLC and HMI;
2. Automatic Programmable Control System;
3. Heating Drying System;
4. Pre-freeze System;
5. Defrosting System;
6. Vacuum Backfilling System;
7. Adjust Vacuum System;
8. Automatic drainage system;
9. Safety Stoppering System;
10. Automatic Purge System;
11. Compressor Delayed Protection;
12. 1.5 km far remote control system



⊙ AE-LYO Serilas Food Freeze Dryer Specification (Economical):

Model	AE-LYO-1E	AE-LYO-1SE	AE-LYO-2E	AE-LYO-2SE	AELYO-3E	AE-LYO-3SE	AE-LYO-5E	AE-LYO-5SE
Shelf Usable Area	1	1	2	2	3	3	5	5
Cold Trap (°C)	<-70							
Stopper	NO	YES	NO	YES	NO	YES	NO	NO
Boile Num.(Ø22)	2100	2100	4200	4200	6300	6300	9450	9450
Liquid (L)	20	20	40	40	60	60	100	100
CIP	NO							
SIP	NO							
Shelf (mm)	100							
Shelf Temperature Range	-55+80							
Condenser Capacity (Kg/24H)	20	20	40	40	60	60	100	100
Limiting Vacuum	<5Pa							

⊙ AE-LYO Series Food Freeze Dryer Specification (Standard):

Model	AE-LYO-1	AE-LYO-2	AE-LYO-3	AE-LYO-5	AE-LYO-7	AE-LYO-10	AE-LYO-20	AE-LYO-40
Shelf Usable Area	1	2	3	5	7	10	20	40
Cold Trap (°C)	<-70							
Stopper	YES							
Boile Num.(Ø22)	2100	4200	6300	9450	15750	19950	42900	52500
Liquid (L)	20	40	60	100	150	200	400	800
Cooling Water Qty.	3.2	4.2	4.5	11	16	18	20	50
Cleaning Water(L/min)	100	100	100	100	100	100	150	200
Pure Steam Consump on (Kg/H)	20	40	60	100	150	200	400	600
CIP	YES							
SIP	op ona							
Shelf (mm)	100							
Shelf Temperature Range	-55+80							
Condenser Capacity (Kg/24H)	20	40	60	100	150	200	400	800
Limiting Vacuum	<3Pa							