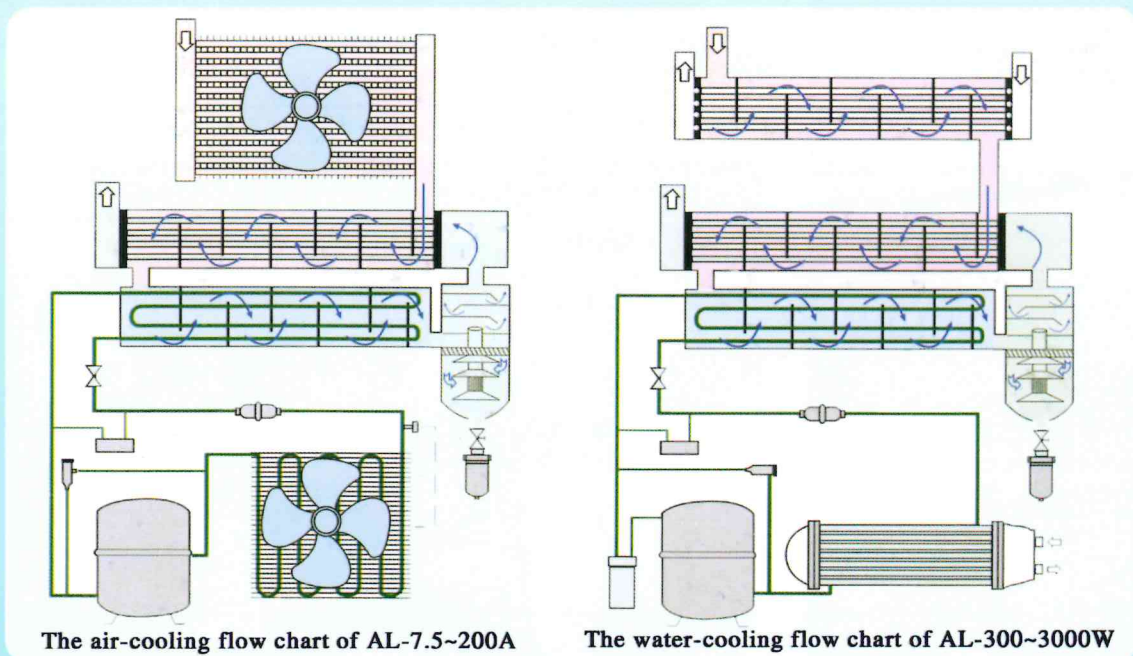


# ALTECH



## Refrigerated Compressed Air Dryer with Built-In After-Cooler R134a

- Integrated After Cooler for High Inlet Temperature Up to 80°C
  - High Efficient Compact Design
  - User Friendly Control System
- Dry Air Down to 3°C Pressure Dew Point
- Advance Electronic Timer Drain



The air-cooling flow chart of AL-7.5~200A

The water-cooling flow chart of AL-300~3000W

*The schematic diagram of the allocation of the flow system for the Freezing Dryers*



# Refrigerated Compressed Air Dryer with Built-In After-Cooler R134a

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## Specifications and Technical Parameter of Air-Cooling Freezing Dryers

Model	AL-7.5A	AL-10A	AL-15A	AL-20A	AL-30A	AL-50A	AL-75A	AL-100A	AL-150A	AL-200A	AL-300A	AL-400A	AL-500A	AL-600A	
Capacity (m <sup>3</sup> /min)	1.2	1.95	2.2	2.6	3.8	6.5	9.5	13	19.5	26	39	49	65	76	
Utilization Conditions	A. The max. temp at the inlet: 80°C B. The max. ambient temp: 45°C C. Working Pressure: 10 Bar (Pressure more than 10 bar can be customized)														
Dew Point Temperature	2 - 5°C (its atmos dew points is equal to -20°C)														
Refrigerant	R134a														
Refrigerant Compressor	1/2 HP	1/2 HP	3/4 HP	3/4 HP	1 HP	1-1/2 HP	2 HP	3 HP	4 HP	5 HP	7.5 HP	8 HP	10 HP	12.5 HP	
Power	AC 1PH 220V 50HZ / 60 HZ							AC 3PH 415V 50HZ / 60 HZ							
Diameter of Air Intet / Outlet	DN25	DN25	DN25	DN40	DN40	DN50	DN65	DN65	DN80	DN80	DN100	DN100	DN125	DN125	
The Profile Dimension (mm)	The Length (mm)	700	700	700	700	1000	1000	1250	1250	1400	1400	1800	1800	2000	2000
	The Width (mm)	420	420	420	420	500	500	570	570	630	630	700	700	700	800
	The Height (mm)	710	710	710	760	850	900	1010	1110	1190	1240	1400	1400	1400	1500
The Approximate Weight (Kg)	40	45	50	60	100	120	180	200	300	320	400	460	600	630	

## Specifications and Technical Parameter of Water-Cooling Freezing Dryers

Type of the Dryer	AL - 300W	AL - 400W	AL - 500W	AL - 800W	AL - 1000W	AL - 2000W
Air Quantity Treated (Nm <sup>3</sup> /min)	39	49	65	96	120	250
Limit of Utilization Conditions	A. The max. temp at the inlet: 80°C B. The max. ambient temp: 45°C C. Working Pressure: 10 Bar (Pressure more than 10 bar can be customized)					
Dew Point Temperature	2 - 5°C (its atmos dew points is equal to -20°C)					
Refrigerant	R134a					
Refrigerant Compressor	7.5HP	8HP	10HP	15HP	20HP	40HP
Power Supply	AC 3PH 415V 50HZ / 60HZ					
Air Entrance Pipe	DN100	DN100	DN125	DN150	DN200	DN125
Cooling Water Pipe	DN50	DN50	DN65	DN65	DN40*2	DN50*2
Cooling Water Quantity(L/min)	96	175	175	250	375	750
Water-Cooling Tower (T/R)	13.5	16	20	25	31.5	57
The Profile Dimension (mm)	The Length (mm)	1800	1800	2000	2200	3000
	The Width (mm)	700	700	800	850	2000
	The Height (mm)	1400	1400	1500	1500	1600
The Approximate Weight (Kg)	400	460	600	1000	1200	2000