



**LINGYU 凌宇**

**—COMPRESSED AIR SYSTEM—**

ZHONGSHAN LINGYU MACHINERY CO., LTD.



## Main Product:

- Air cooled/water cooled /energy-saving refrigerated dryer
- Heatless regeneration / heated regeneration / modular adsorption dryer
- Zero loss/micro air consumption adsorption dryer
- PSA nitrogen generator
- Filter and accessories



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### Corporate mission:

To provide professional, comprehensive and competitive complete solutions and services for industrial gas separation and purification



### Corporate vision:

To be a leading enterprise in the industry and create a world-renowned brand



### Corporate development philosophy:

Technology-supported value-driven



### Marketing strategy:

To win the market with high-quality products and professional services

# DD SERIES

## LOW ENERGY CONSUMPTION REFRIGERATED AIR DRYER

### ■ Design Features

#### Low pressure loss

The precooler is a newly designed annular pipe structure. It has three times more pipes than a traditional precooler. The sufficient flow cross-sectional area of the compressed air further reduces the pressure difference and the overall pressure of the machine. The loss is less than 0.1bar;

#### Low dew point

The new optimized integrated three-in-one design and unique water separation design make the dew point more secure;

#### Intelligent control

It comes standard with PLC and touch screen, which intelligently controls the compressor cooling capacity output by sensing the evaporation load to ensure the machine operates at its best. It comes with a standard RS-485 communication interface.

### ■ Operating conditions and Technical requirements

**Applicable fluids:** compressed air, non-corrosive air

**Rated inlet pressure:** 0.7MPa (0.6MPa~1.0MPa is allowed to be used, other pressure levels are subject to customization)

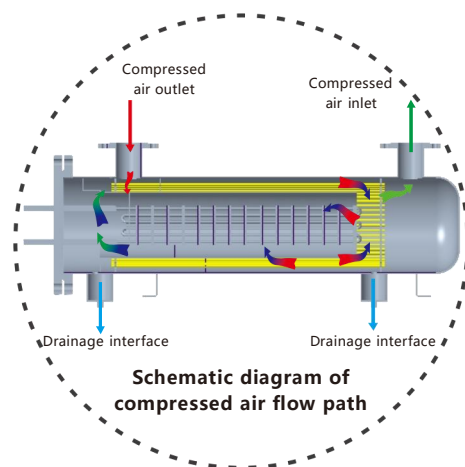
**Rated air inlet temperature:** 45℃ (limit air inlet temperature: ≤80℃)

**Pressure loss under full load:** <0.01MPa

**Dew point of outlet pressure:** 2℃~10℃

**Rated ambient temperature:** 35℃ (2℃~45℃ can be used)

**Cooling method:** air-cooled/water-cooled optional



### ■ Technical Parameters

Model	Capacity (m³/min)	Connection size	Weight ( Kg )	Power ( kw )	Dimension ( L*W* H )
LY-DD30A	3.8	G1½"	76	1.50	1000X600X1050
LY-DD50A	6.5	G1½"	95	2.50	1100X600X1100
LY-DD75A	10.5	G2"	145	2.70	1250X700X1155
LY-DD100A/W	13.5	G2½"	350	3.20	1400X800X1200
LY-DD120A/W	17.0	DN80	365	4.90	1500X950X1400
LY-DD150A/W	21.5	DN80	380	5.05	1450X800X1200
LY-DD180A/W	25.0	DN80	380	5.20	1650X940X1480

	LY-DD200A/W	28.5	DN80	460	6.50	1650X940X1480
	LY-DD250A/W	32.0	DN80	465	6.95	1650X940X1480
	LY-DD300A/W	37.0	DN100	680	9.80	1900X980X1580
	LY-DD400A/W	45.0	DN100	710	9.80	1900X980X1580
	LY-DD500A/W	55.0	DN125	815	12.30	2100X1000X1700
L	LY-DD600A/W	65.0	DN125	880	14.50	2100×1000×1700
	LY-DD700A/W	75.0	DN125	1150	18.50	2400×1100×1650
L	LY-DD800A/W	85.0	DN125	1370	18.80	2400×1100×1650
	LY-DD900A/W	95.0	DN150	1680	23.50	2450×1200×2250
L	LY-DD1000A/W	110.0	DN150	1850	28.50	2450×1200×2250
	LY-DD1100A/W	120.0	DN150	1890	28.50	2450×1200×2250

**Note:** If the air volume is greater than **120m³/min** or special specifications, materials, or temperature requirements are required, please contact our company or dealer for technical information. The above data is for reference only and is subject to change without prior notice. For other specifications, please contact our company directly.

# OUR SERVICES

## ■ LINGYU Services



**Professional  
efficient**



**Strive to improve  
customer satisfaction**



**National coverage  
fast response**

LINGYU

## ■ Service Content

- **Provide free after-sales consultation;**
- Debug, repair, and maintenance of Lingyu equipment during the warranty period;

- Survey the site of other brands outside the warranty period of Lingyu and formulate plans.

## ■ Complete Accessories

- **Refrigerated air dryer**

Fans, compressors, condensers, evaporators, dry filters, expansion valves, bypass valves, pressure gauges, various drains, etc.

- **Adsorption air Dryers**

Valves, electrical boxes, adsorbents, diffusers, silencers, solenoid valves, check valves, etc.




- **Other accessories**

Various filter elements, differential pressure gauges, etc.



## CONTACT US

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