

COMPANY PROFILE



Dehaha Compressor Co.,Ltd. was founded in 2004, Related products of the company are screw compressor, piston compressor, environmental protection refrigerated air dryer series. Research and development, manufacturing and sales for more than 10 years and the main products of air refrigerated air dryers obtain the national utility model patents. Moreover, two patents are declaring.

Our air compressors are widely used in machinery, electronics, textile, petrochemical, automobile manufacturing and many other fields.



TR series Environmental Protection Refrigerated Air Dryer

Energy Saving · High Efficiency · Intelligent · Environmental protection · Stable

TR series condition

- Ambient temperature : 38°C , Max.42°C
- Inlet temperature : 38°C , Max.65°C
- Working pressure : 0.7MPa , Max.1.6MPa
- Pressure dew point : 2°C~10°C(Air dew point : -23°C~17°C)
- Installation environment: no sun, no rain, good ventilation, device level hard ground, no dust and fluff



TR series refrigerated air dryer	Model	TR-01	TR-02	TR-03	TR-06	TR-08	TR-10	TR-12	TR-15
	m³/min	1.2	2.4	3.6	6.5	8.5	11	13.5	17
Power supply									
Input power	KW	0.37	0.52	0.73	1.26	1.87	2.43	2.63	2.7
Air pipe connection		RC3/4"	RC1"	RC1-1/2"		RC2"		RC2.5"	
Evaporator type									Aluminum alloy plate
Refrigerant model		R134a							R410a
System Max.pressure drop	Mpa								0.025
Intelligent control and protection									
Display interface									LED dew point display, LED alarm code display, operation status indication
Intelligent anti-freezing protection									Constant pressure expansion valve & compressor automatic start /stop
Temperature control									Automatic control of condensing temperature / dew point temperature
High voltage protection				Temperature sensor		Temperature sensor&Inductive intelligent protection			
Low voltage protection									Temperature sensor&Inductive intelligent protection
Weight	KG	34	42	50	63	73	85	94	135
Dimension	L	480	520	580	700	770	770	800	1000
	W	380	430	460	540	590	590	610	850
	H	665	725	785	910	990	990	1030	1160

Advantages for aluminum alloy three in one heat exchanger refrigerated air dryer

Energy saving

Aluminum alloy three in one heat exchanger design, the refrigeration process loss is approaching the minimum, increasing the cooling capacity .Under the same amount of processing, the total input power of the model is reduced by 15~50%.

Environmental protection

In response to the international Montreal agreement, this series of models all adopt R134a and R410 a environmental protection refrigerants, The destruction to the atmosphere is zero and meet the needs of the international market.

High efficiency

An integral heat exchanger is provided with a flow guiding fin, so that the compressed air can be uniformly heated in the interior, Built in gas water separation device, equipped with stainless steel strainer, water separation is more thoroughly.



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TR series refrigerated air dryer	Model	TR-20	TR-25	TR-30	TR-40	TR-50	TR-60	TR-80
Max. air volume	m ³ /min	23	27	34	45	55	65	85
Power supply								380V/50Hz
Input power	KW	3.7	4	5.5	6.3	7.5	9.2	11.2
Air pipe connection				DN80		DN100		DN125
Evaporator type								Aluminum alloy plate
Refrigerant model								R407C
System Max.pressure drop	Mpa							0.025
Intelligent control and protection								
Display interface								LED dew point display, LED alarm code display, operation status indication
Intelligent anti-freezing protection								Constant pressure expansion valve & compressor automatic start /stop
Temperature control								Automatic control of condensing temperature / dew point temperature
High voltage protection								Temperature sensor&Inductive intelligent protection
Low voltage protection								Temperature sensor&Inductive intelligent protection
Weight	KG	150	220	310	360	385	530	630
Dimension	L W H	1100 900 1200	1100 950 1300	1200 1000 1550	1250 1000 1650	1250 1100 1650	1600 1100 1800	1650 1200 1880

Advantages for aluminum alloy three in one heat exchanger refrigerated air dryer

Intelligence

Umulti-channel temperature and pressure monitoring, real-time display dew point temperature, automatically record accumulated running time, Self diagnostic function, display the corresponding alarm code, automatically protect the equipment.

Stability

Ustandard constant pressure expansion valve, standard intelligent temperature control, laboratory testing in the intake temperature reached 65 degrees , the environment temperature reaches 42 degrees, it still runs stably and has the temperature pressure at the same time .The utility model has the advantages of double freezing protection and automatic stopping of the compressor when running at a low load for a long time. The heat exchange is provided by using aluminum plate to change the refrigerating capacity. Energy saving at the same time, extend the use life of equipment .



Company Honor

