

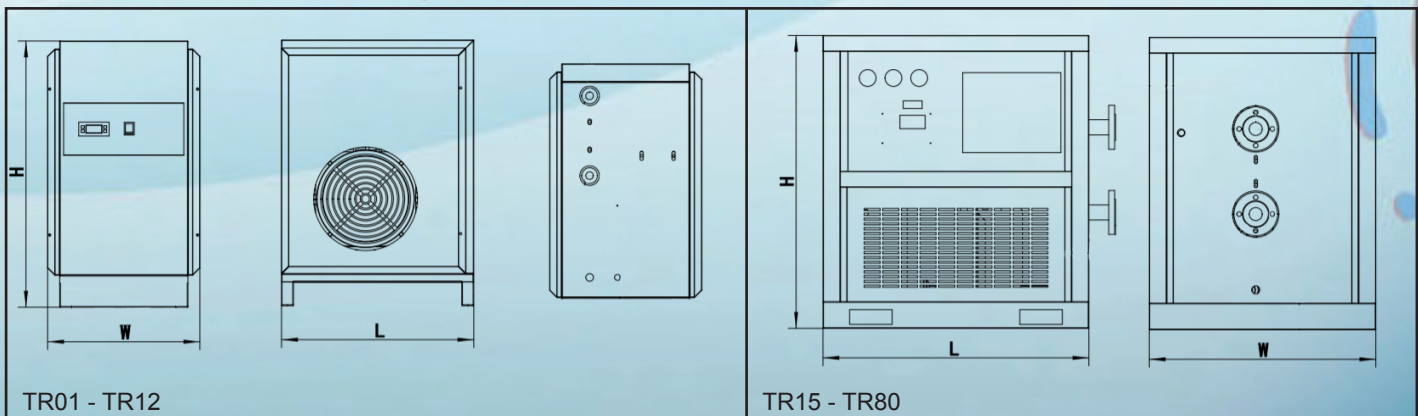


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TR SERIES ENVIRONMENTAL PROTECTION REFRIGERATED AIR DRYER

- Ambient temperature : 38°C, Max.42°C
- Inlet temperature : 46°C, Max.65°C
- Working pressure : 0.7MPa, Max.1.6MPa
- Pressure dew point : 2°C~10°C
- Energy saving, high efficiency, intelligent, environmental protection and stable.
- Installation environment : Indoor condition, good ventilation, no dust and fluff
- LED Dew point display



TR01 - TR12

TR15 - TR80

*Picture for illustration purposes only

TR SERIES ENVIRONMENTAL PROTECTION REFRIGERATED AIR DRYER

EQUIPMENT SPECIFICATION

Model	TR-01	TR-02	TR-03	TR-06	TR-08	TR-10	TR-12	TR-15	TR-20	TR-25	TR-30	TR-40	TR-50	TR-60	TR-80		
Air Capacity	m ³ /min	1.2	2.4	3.6	6.5	8.5	10.5	13	17	23	27	33	42	55	65	85	
Power Supply		230V/50HZ						380V/50HZ - 415V/50HZ									
Input Power	KW	0.37	0.52	0.73	1.26	1.87	2.43	2.63	3.70	4.90	5.80	6.10	8.00	9.20	10.10	12.00	
Evaporator Type		Aluminium alloy plate															
Refrigerant Type		R134a			R410a				R407c								
System Max. Pressure Drop (Mpa)		0.025															
Display Interface		LED dew point display, LED alarm code display, operation status indication						LED dew point display, LED alarm code display, LED compressor current display, operation status indication									
Intelligent Anti-freezing Protection		Constant pressure expansion valve						Automatic temperature control / Antifreeze solenoid valve									
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	180	210	350	420	550	680	780	920	
Dimension (mm)	L	480	520	640	700	770		800	1000	1100	1200	1400	1550	1700		1900	
	W	380	410	520	540	590		610	850	900	950	1000	1100	1200		1350	
	H	665	725	850	950	990		1030	1100	1160	1230	1480	1640	1743	1850	1900	
Air Pipe Connection		RC ³ / ₄ "		RC1"	RC1 ¹ / ₂ "	RC2"			RC2 ¹ / ₂ "	DN80	DN100	DN125					

CORRECTION FACTOR

Actual nominal volume flow (m³/min) = selection processing capacity × KA × KB × KC

Working Pressure Correction Factor KA

Working Pressure Mpa(g)	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	1.1	1.2	1.3	1.4	1.5	1.6
Correction Factor KA	0.764	0.855	0.917	0.926	1	1.042	1.075	1.111	1.149	1.176	1.220	1.250	1.282	1.299

Inlet Temperature Correction Factor KB

Inlet Temperature °C	35	38	40	43	46	49	54	60	65	70	75	80
Correction Factor KB	1.80	1.50	1.36	1.11	1.00	0.92	0.83	0.76	0.69	0.56	0.46	0.35

Ambient Temperature Correction Factor KC

Ambient Temperature °C	20	25	30	35	38	40	45	50
Correction Factor KC	1.21	1.15	1.10	1.02	1.00	0.89	0.79	0.69