

DRYAIR ZCLY-SERIES Four-Season Dehumidifiers: Specially designed for temporary sites, maintenance events, special painting operations, bridge and steel frame coating, and can be used outdoors all seasons of the year.

DRYAIR ZCLY-Series portable Four-Season dehumidifiers utilize a combination of cooling method technology and honeycomb rotor dehumidification. The dehumidification relies on internal cooling while the desiccant rotor further aids drying in summer, combined dehumidification in transition season, and drying of the rotor is the key in winter. The internal refrigerating systems of the ZCLY-Series dehumidifiers are air-cooled. The air-cooled fan adopts a screw compressor to save power and improve operating stability of the unit. The dried air is pre-processed by the evaporator, and then further dried by the rotor according to required conditions.

ZCLY Series portable Four-Season dehumidifiers processed air can reach required target of 20-32 degrees and less than or equal to 45% relative humidity, while ambient conditions are -5 -40 degrees and 50-99% relative humidity before processing. The condensers and evaporator of the units are air-cooled copper tubing with aluminum fin; The four operating status' available to customers are General Refrigerating, Combination Drying of the Rotor and Wet Cooling, General Drying of the Rotor, and Drying of the Rotor and Heating.

ZCLY-Series Dehumidifiers use automated PLC programing operation meeting every status request.

Technical Parameters				
Item Model	ZCLY-6000	ZCLY-10000	ZCLY-15000	ZCLY-18000
Process air volume m³/h	600	10000	12000	18000
Compressor power kw	30	50	70	90
Supply fan power kw	7.5	11	18.5	22
Regeneration heater power kw	60	99	120	180
Refrigeration capacity kcal/h	9×10 ⁴	13×10 ⁴	22×10 ⁴	26×10 ⁴
Total power kw	120	175	288	370
Size(L×W×H)mm	4000*2000*2800	4270*2240*3100	5100*2240*3100	6500*2240*3100
Inlet air prarmeters	T:5-40℃ RH : 50-99%			
Outlet air prarmeters	T:20-32℃ RH≤45%			
Supply air overbottom pressure	>1000Pa			

Master Control Program	Total Refrigeration、Refrigeration&Rotor、Rotor&Heater
Power	Three-phase, 380V, 50HZ



