

Air Drying Purification System (Dry Air Generator)



Application

DHP compressed air drying purification system adopts air compressing system, refrigerated air drying system, adsorption drying system, air filters and PLC controlling system, which can supply dry air quickly and effectively for industrial equipments, solve the troubles caused by air with vapor & dust. The air dryer uses low pressure oil-less compressed system and low-temperature condensation moisture removal technology, with the merits of small dimension, light weight, easy installation and operation, energy saving and high reliability.

Features

1. Air supplying system composed by screw air compressor, dust filter, air cooler, air tank, vapor filter etc.
2. Refrigerated drying system and regenerative desiccant drying system.
3. 100% Oil & Moisture free air with Dew Point of (-) 40°C (<80ppm) to (-) 70°C (0.3ppm).
4. Pre-filter with automatic drain trap, results efficient pre-filtration
5. Fully automatic for operation, Low electric power consumption, Super dry air by low investment



Technical Specifications

Model	DHP-40	DHP-80	DHP-120	DHP-200	DHP-300	DHP-400	DHP-500	DHP-600	
Capacity (m ³ /h)	40	80	120	200	300	400	500	600	
Working pressure (MPa)	0.7~0.8								
Dew point (°C)	-55~-70								
Air pressure (MPa)	0.01~0.8 (adjustable)								
Compressor (kw)	0.65	0.8	1	1.2	1.6	1.9	2.2	2.6	
Total Power (KW)	8	11	15	22	30	45	50	55	
Coupling (mm)	32	35	38	40	40	50	50	58	
Weight (kg)	800	1000	1350	2100	2360	2850	3500	3780	
Dimension (mm)	L	1850	2000	2240	2300	2300	2350	2950	3150
	W	1540	1600	1690	1950	2000	2050	2100	2200
	H	2400	2400	2400	2400	2430	2450	2750	2800