

# MQG Series Airstreams Pulse Drier



## INTRODUCTION

MQG airstreams pulse drier is a large quantity production drier, it adopt instant drying principle, utilize hot air's quick move to drive damp raw material and make it floats in the hot air, this can strengthen the whole drying process, improve the speed of hot exchange. If raw material is dried by this equipment, non-combined moisture can be removed completely (for example: raw material moisture containing near 40% before drying, finished products water containing just at 13.5%), dried material never metamorphosed, compared with general drier, output is remarkably raised.

## FEATURES

This drier has many advantages listed below:

- ◎ Easily achieve automatic operation ,small investment,low energy consumption,small cubage,low labour cost,wide application ,it is a ideal advanced machine.
- ◎ Fluidized state is stable,no dirty corner and broken out happen.

## APPLICATIONS

This equipment is widely applied for drying granule and powder. It can produce raw materials in the area of chemical, foodstuff, pharmacy, construction materials, plastic , for example: starch, fish powder, salt, lees, gluten, feed, plastic resin, coal powder, A.B.C benzoic acid, 2,3 acid, PVC, polypropylene, sodium sulfate, sodium pyrosulfite.

## TECHNICAL PARAMETERS

Name	Parameter	Model	MQG-50	MQG-100	MQG-250	MQG-500	MQG-1500
Evaporation	kg/h		50	100	250	500	1500
Air filter	Area(m <sup>2</sup> )		4	6	18	36	60
	Amount		1	1	1	2	2
	Exchange time(h)		200(filter bag)	200(filter bag)	200(filter bag)	200(filter bag)	200(filter bag)
Heater	Area(m <sup>2</sup> )		30	43	186	365	940
	Consume of steam(kg)		120	235	450	972	2430
	Work pressure(Mpa)		0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8
	Model		9-19-4.5	9-26-4.5	9-19-9	9-19-9	9-26-6.3
Ventilator	Amount		1	1	1	2	4
	Power (kw)		7.5	11	18.5	37	125
material charger	Amount of transportation(kg/h)		150	290	725	1740	4350
	Control mode		Motor	Motor	Motor	Motor	Motor
	Power (kw)		0.6	1.1	3	3	7.5
Cyclone separator	Model		CLK-350-400	CLK-500-450	ZF12.5	ZF12.5	
	Efficiency		98	98	98	98	
	Amount		2	2	2	3	
Bag filter	Amount		1	1	1	1	
	Consume of gas(m <sup>3</sup> /h)		3.6-20.0				