

Hot Air Pipe Dryer

The hot air pipe dryer utilizes a heated air stream within pipes and cyclones to efficiently remove moisture from materials. It is suitable for drying powdery, flake, and heat-sensitive materials.



Overview



The drying process utilizes spread shoveling plates to maximize contact between wet materials and hot air for efficient mass transfer.

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The Hot Air Pipe Dryer, also known as an airflow dryer, is an industrial solution designed for rapid, efficient moisture removal in powdery, flake, and heat-sensitive materials. Utilizing direct heating and a continuous impulse drying process, it maximizes contact between hot air and materials to ensure high-quality, consistent output. Its flexible, foldable design allows for efficient installation, making it an ideal choice for the chemical, food, medicine, and agricultural industries.

Key Features

Key Benefits

Direct Heating, Quick Drying, Foldable Design, Low Energy Consumption, Simple Operation

Applications

Suitable Materials

- Starch
- Rice Flour
- Food Products
- Pharmaceuticals
- Chemicals

Technical Specifications

Performance Data

Model	Evaporative Water (kg/h)	Installed Power (KW)	Floor Space ()	Height (m)
Q50	50	6.25(8.25)	20	9
QG50	50	6.25(8.25)	20	9
JG50	50	9.25(11.25)	20	9
Q100	100	8.6(11.6)	32	11
QG100	100	8.6(11.6)	32	11
JG100	100	16.1(19.1)	32	11
Q250	250	20(27.5)	64	16
QG250	250	20(27.5)	64	16
JG250	250	31(38.5)	64	16
Q500	500	33(48)	96	16
QG500	500	33(48)	96	16
JG500	500	48(58)	96	16
Q1000	1000	63(78)	120	16
QG1000	1000	63(78)	120	16
JG1000	1000	78(98)	120	16