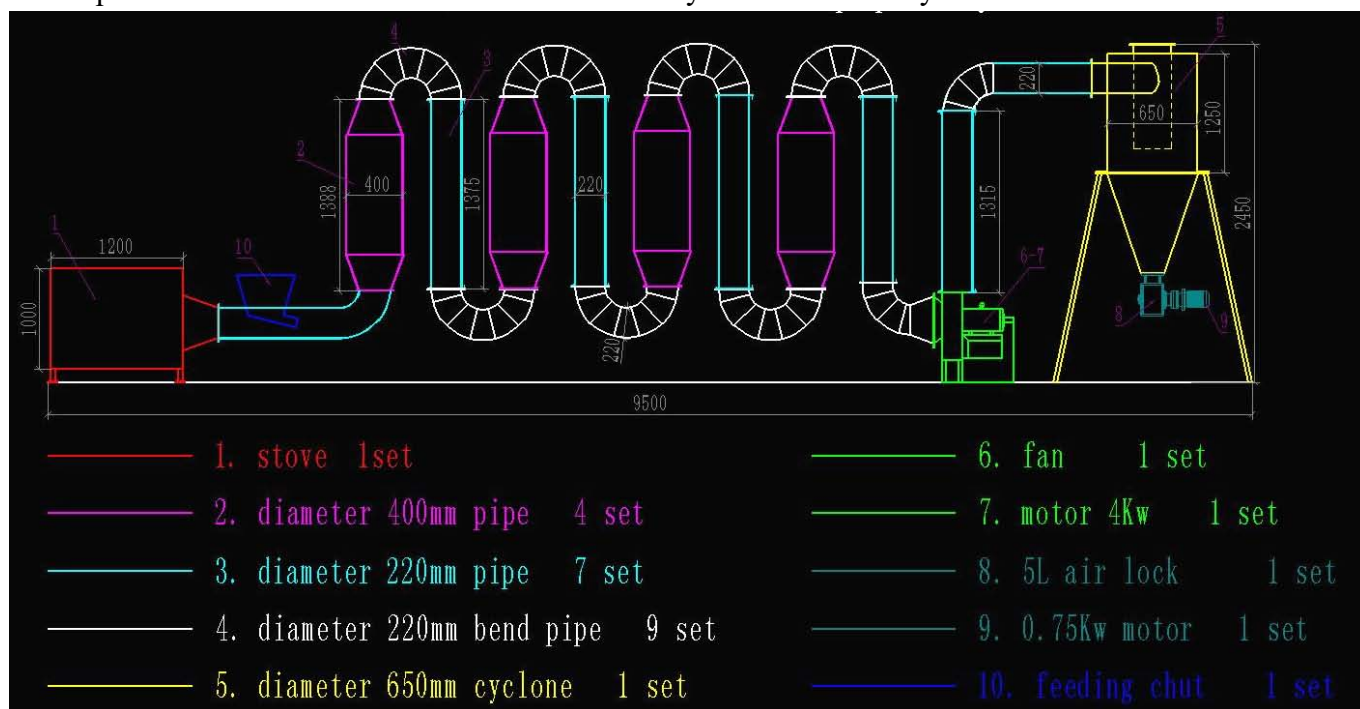


## Flash dryer introduction

Flash dryer is also called pipe dryer, and sawdust dryer, it is a small dryer to dry sawdust and wood powder and other small powder form biomass material. It is made up of heating furnace, pipes, blower, cyclone and airlock, the the sawdust or powder feed into the dryer from feeding chute, by attraction of blower at end of dryer, the powder and hot air from heating furnace move through the pipes, during this time the powder are dried, the final dried will discharge from the cyclone, and waste air will discharge from the pipes on top of cyclone. With the help of air lock it can reduce the dust at end of dryer to make factory clean.



QL20 flash dryer layout

## Flash dryer features:

1. Very simple structure, easy to install and operate
2. Suitable to dry small size raw material like sawdust and wood powder
3. Small quantity moisture reduced, the feeding initial moisture can not more than 35%, if over than 35% it can not dried one time to reduce moisture to 8-12%. (if initial moisture higher than 35% we suggest to use rotary drum dryer)
4. Small install area occupied.
5. High heating intensity, due to the high hot air speed, wood materials disperse well in the air and the drying area increases a lot, thus guarantees sufficient drying.
6. High drying speed, wood material and the air contacting time is quite short and drying time is 0.5-5 seconds. If you have high level moisture and capacity drying requirement, please refer to our [rotary drum dryer](#).

## Flash dryer technical data

Model:	QL20	QL30	QL40
Main motor power	4 Kw	7.5Kw	15Kw
Capacity	300-400Kg/h	400-600Kg/h	1000-1200Kg/h
Packing dimensions	2440*1230*1900mm	2450*1720*1910mm 1450*1420*1410mm	2570*1850*1970mm 1630*1480*1510mm
Total weight	960 Kg	2280 Kg	2970 Kg
Air lock model	GTD-2.8	GTD-5L	GTD-7L
Air lock motor power	0.75Kw	0.75Kw	1.1Kw