

- Shell/air blower: SMC material, high strength, smooth inside and outside, small wind resistance ;
- Butterfly door design, improve fan energy efficiency, reduce power consumption ;
- Fan blade: high strength composite material, high strength, no deformation ;



Uprising in the application of multilevel filtering mode

In the demand of ASF epidemic prevention, multistage filtration (primary filtration, precision filtration, wet curtain) is generally installed, resulting in a large pressure difference between the inlet and outlet side of the pig house (usually the indenter is 75Pa~120Pa), more high-power motors are required for same piggery. By high negative pressure fan, the pigs are ventilated accurately through the air pipe and air nozzle, which will reduce the air waste.

Application in deodorization fan

Nowadays more and more strict in environmental protection, harmful gas emissions from pig farms are also receiving more attention. With the increase of the breeding scale, some pig farms without deodorization systems or with insufficient planning space, deodorization fan is a better choice. Deodorization fans mainly include spray system, filtration system. The indenter generated by the deodorization fan itself is above 90Pa. The efficiency of ordinary large fan is low under this condition, instead it is more reasonable to apply high negative pressure fan.

Item	Power	Voltage	Drive mode/ Bracket type	Rated speed	Air volume (m ³ /h)			Energy efficiency ratio m ³ /hr/W	Opening hole size (±5mm)
					0Pa	25Pa	50Pa		
Fan 21DFTN	0.37Kw	380v	Direct drive/ X type bracket	1400 RPM	7600	5800	3200	13.4	Height :755 Width:755
Fan 28DFTN	1.1Kw	380v	Direct drive/ X type bracket	1400 RPM	18500	16100	13200	10.4	Height :755 Width:755
Fan 36DFTN	3.0Kw	380v	Direct drive/ X type bracket	1450 RPM	41200	39200	36000	11.6	Height :1170 Width:1170