

Simple/Reliable/Green/Efficient

大牧人  
Big Herdsman



## FANS

Big Herdsman's ventilation fan system is designed for efficient airflow and cooling in modern poultry houses. With advanced engineering and outstanding performance, the system operates reliably under various pressure conditions, offering energy efficiency, durability, and minimal maintenance.



WEBSITE

✉ [bigherdsman@bigherdsman.com](mailto:bigherdsman@bigherdsman.com)



*EGG PRODUCTION*

# FANS

## HNP 57 Cone Fan

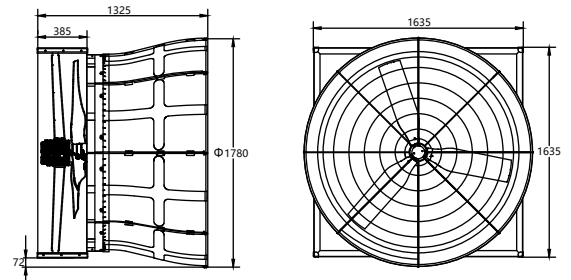
- The fan can run for a long time under a negative pressure of 100 Pa, and has a strong pressure resistance;
- The permanent magnet motor and control part are integrated, which is efficient and energy-saving;
- Speed regulation: Through the 0-10 V signal, the stepless speed regulation of motor can be achieved, with a range of 215 rpm-750 rpm;
- The motor is designed with wide voltage, which can adapt to the voltage range of 340 V-460 V and run for a long time;
- It is fully plastic, which is corrosion-resistant, rust-free, weather-resistant and anti-aging;
- The direct drive transmission has a high efficiency, and daily maintenance such as belt tensioning maintenance is not required;
- The opening and closing of butterfly sheet is driven by an electric valve, showing a good sealing effect.



### Product parameters

Rated power 2.2kW, air volume data as follows

	Pa	0	12	25	37	50	62
57 Cone Fan	m <sup>3</sup> /h	67600	61400	55700	52100	46800	37700
	cfm	39765	36118	32765	30647	27529	22176



## HNP 50 Butterfly Cone Fan

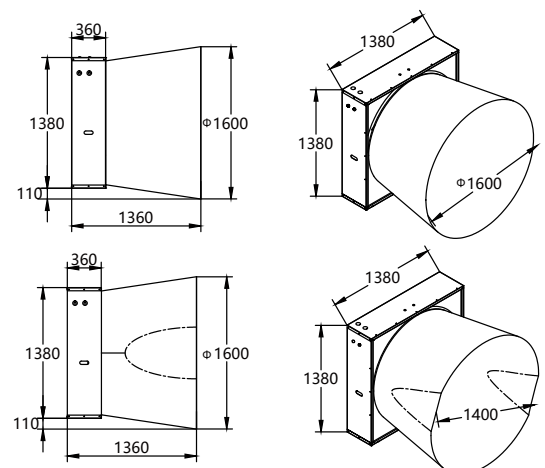
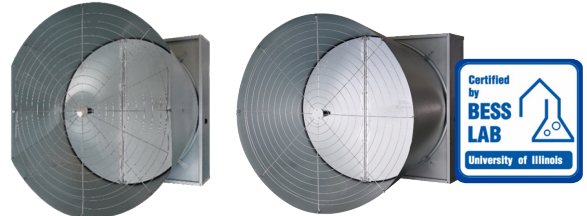
- Suitable for ventilation of high-negative pressure chicken coops with a negative pressure range of 0-100pa;
- The automatic tensioning device used can improve the transmission efficiency and reduce the maintenance frequency;
- The support structure is added to the back-end protective net, which enhances the strength of the protective net;
- The narrowed air duct is optional, which is suitable for a poultry house with compact gable wall space.



### Product parameters

Rated power 1.5kW, air volume data as follows

	Pa	0	12	25	37	50	62	75
HNP 50 Butterfly Fan	m <sup>3</sup> /h	46600	44900	43300	41600	39700	37800	35500
	cfm	27412	26412	25471	24471	23353	22235	20882



# FANS

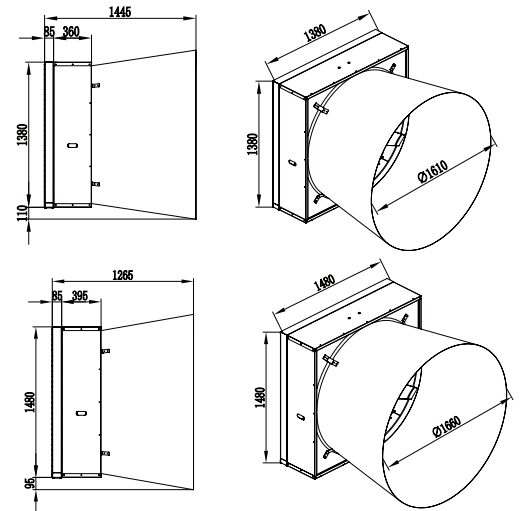
## BH Direct Drive Galvanized Cone Fan

- Motor: Easy to dissipate heat, with low temperature rise and high efficiency;
- Blade: Nylon glass fiber composite material, high strength, no rust;
- Frame: High grade hot galvanized sheet material, mold stamping;
- Shutter: Wind open, gravity closed, galvanized sheet material;
- Drive: Direct drive transmission, high efficiency, without tension maintenance;



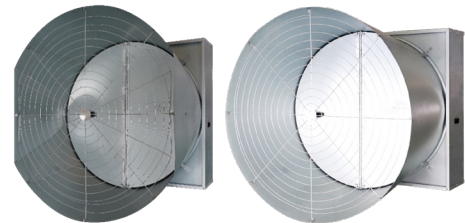
### Product parameters

(BH50 Fan -HO)	Pa	0	25	50	62	75
	m3/h	52500	48400	44000	41100	37900
	cfm	30882	28471	25882	24176	22294
(BH50 Fan -HR)	Pa	0	12	25	37	50
	m3/h	46300	42000	37400	34500	31300
	cfm	27235	24706	22000	20294	18412
(BH54 Fan -HR)	Pa	0	12	25	37	50
	m3/h	54100	49000	43600	40300	36400
	cfm	31824	28824	25647	23706	21412



## 50 Butterfly Cone Fan

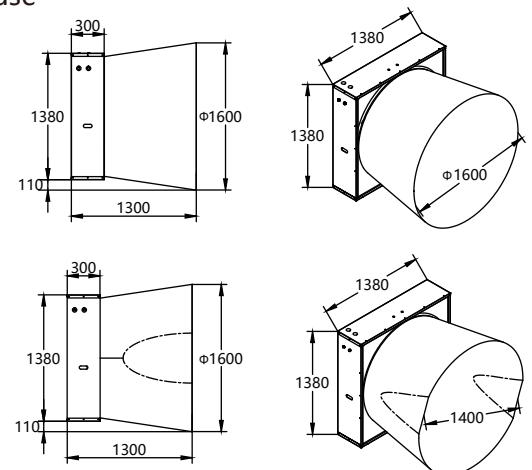
- Suitable for the ventilation and cooling of chicken coops, stable operation;
- Fan leaves are stainless steel material, bright surface, with self-cleaning function;
- The automatic tensioning device used can improve the transmission efficiency and reduce the maintenance frequency;
- The narrowed air duct is optional, which is suitable for a poultry house with compact gable wall space.



### Product parameters

Rated power 1.1kW, air volume data as follows

50 Butterfly Fan	Pa	0	12	25	37	50	62
	m3/h	42300	41000	38500	36900	34000	30500
	cfm	24882	24118	22647	21706	20000	17941





## 50 (36) Box Fan

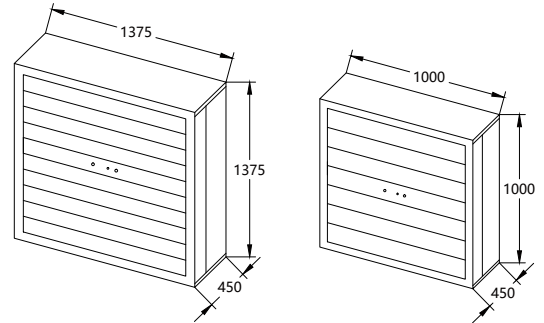
- Suitable for the ventilation and cooling of chicken coops, effective discharge of waste gas in the shed;
- Stainless steel material fan leaves, bright surface, with self-cleaning function;
- Fan-leaf components are balanced by movement, and the whole machine runs smoothly;
- Centrifugal opening mechanism, so that the blinds are fully 90 degrees open;



### Product Parameters

Rated power 1.1kW, air volume data as follows

50 Box Fan	Pa	0	12	25	37	50	62
	m <sup>3</sup> /h	38400	36900	35100	32900	30100	26900
	cfm	22588	21706	20647	19353	17706	15824
36 Box Fan	Pa	0	12	25	37	50	62
	m <sup>3</sup> /h	16200	14900	13000	10500	7400	5400
	cfm	9529	8765	7647	6176	4353	3176



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