



FANS

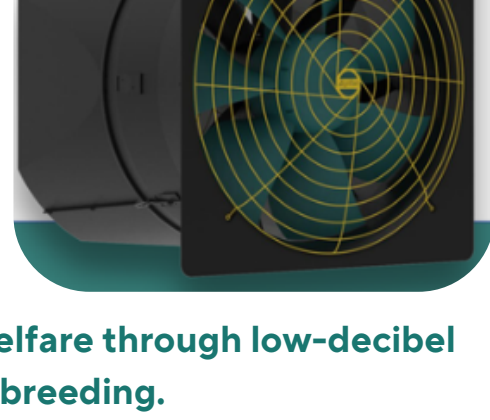
European and American manufactures dominate this market sector for years because of quality and the lack of understanding of what Chinese made fans' quality.

Don't worry, let Xiyu takes care of this for you.

Having studied many fan manufacturers in the country and surveyed with multiple users in big integrations, we offer Xiyu's own brand of fans, which feature high quality and cost-effectiveness to meet the general ventilation needs of chicken coops.

Low-decibel solutions customized for grandparent breeder farms focus on:

- Noise control for comfy breeding
- Pro design for high biosecurity
- Stable gear, less breeder disturbance



Balancing breeding efficiency with animal welfare through low-decibel technology, supporting high-quality poultry breeding.

Pressure/Pa	CFM	m³/h	Watts	CFM/watt	m³/h/watts
0	30000	51000	1736	17.3	29.4
12	29300	49800	1805	16.2	27.6
25	28600	48600	1876	15.2	25.9
37	27800	47300	1932	14.4	24.5
50	26800	45500	2008	13.3	22.6
62	25700	43700	2055	12.5	21.3
75	24300	41200	2101	11.5	19.6
87	22400	38000	2129	10.5	17.9
100	20200	34400	2169	9.3	15.9

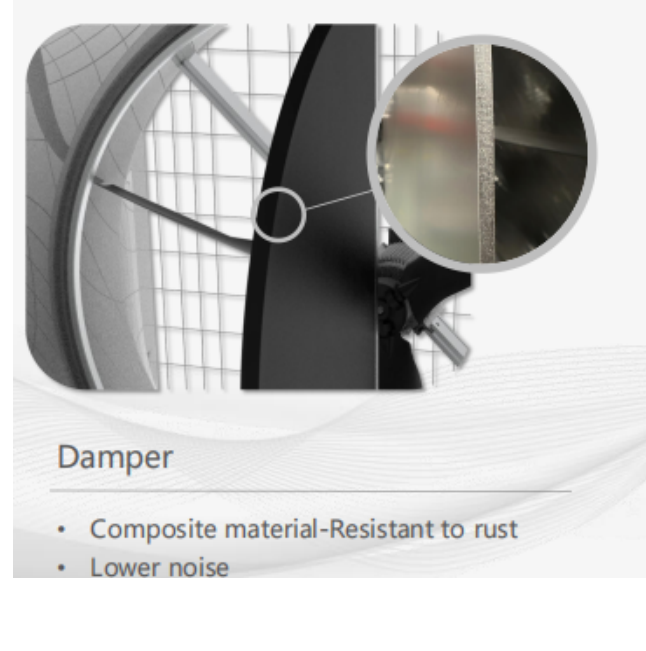
50LN-FV EC

- Airflow @25Pa: 47,000 m³/h
- Efficiency: 25.5 m³/h/W
- IP66 EC motor, ultra-quiet (67.5 dB), low vibration
- Best for smart breeder/broiler houses with automation

Welfare Fan-Design

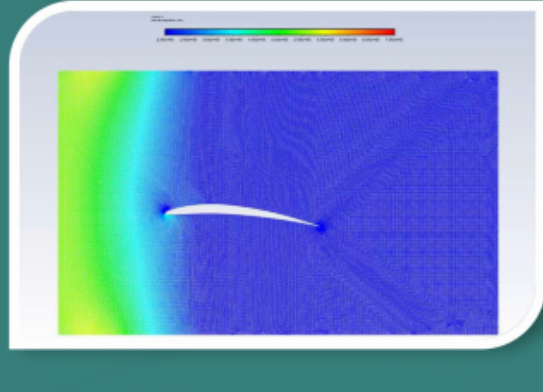


Advantages



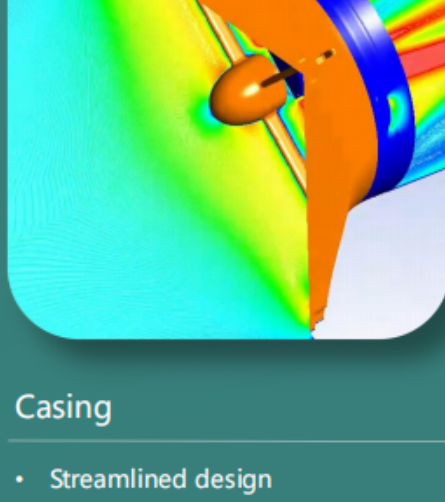
Damper

- Composite material-Resistant to rust
- Lower noise



Wing type Fan Blade/Airfoil Fan Blade

- Optimal airflow
- Minimize noise level
- Reduce power consumption

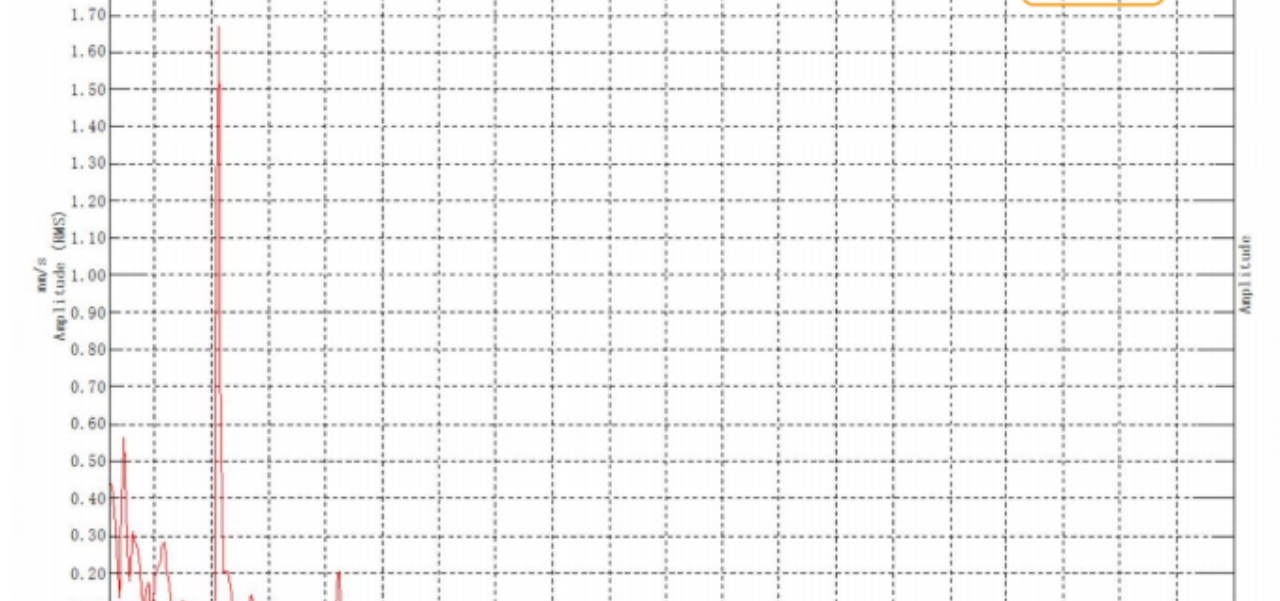


Casing

- Streamlined design
- Larger airflow

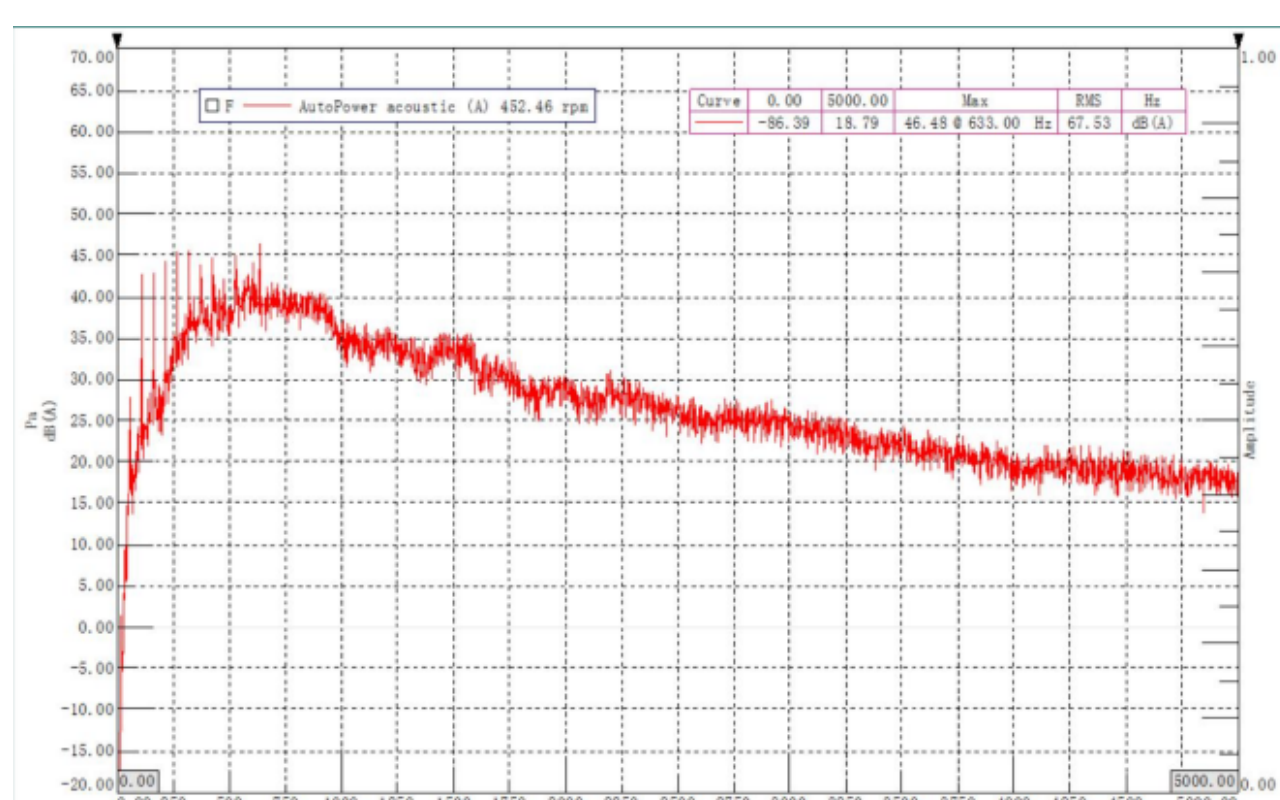
Lower-vibration Result

- Measuring only 2mm/s

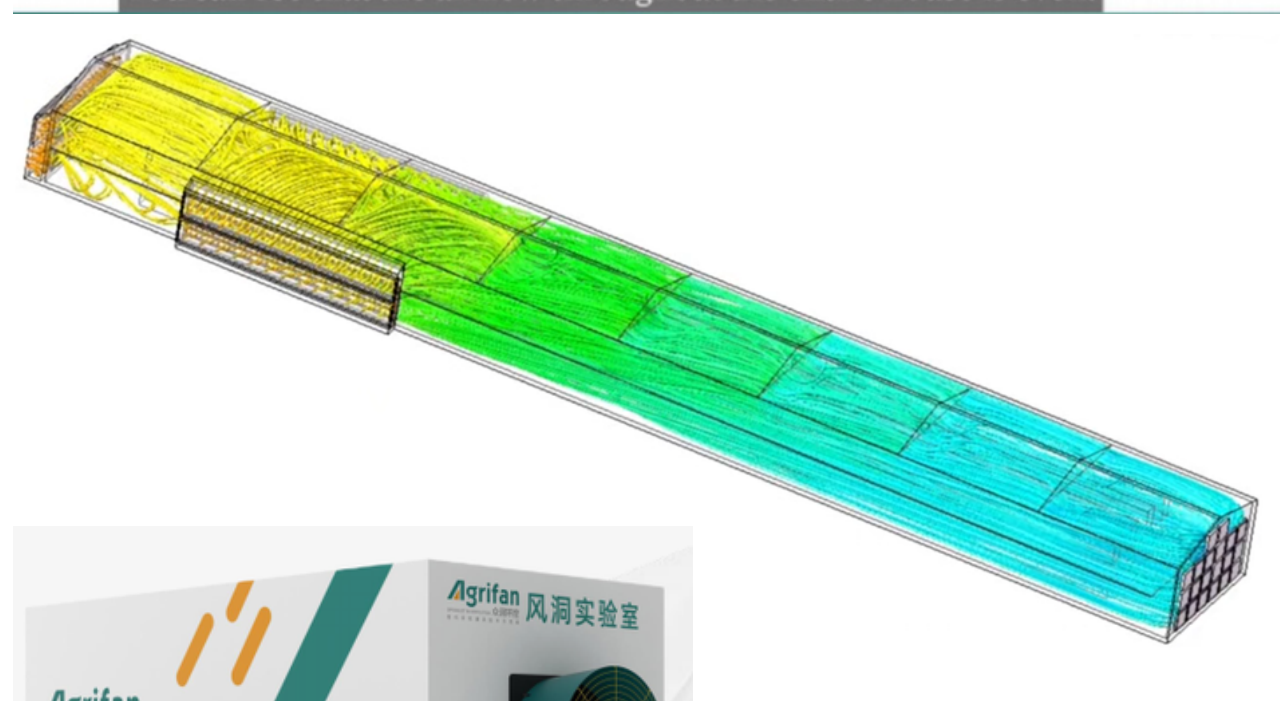
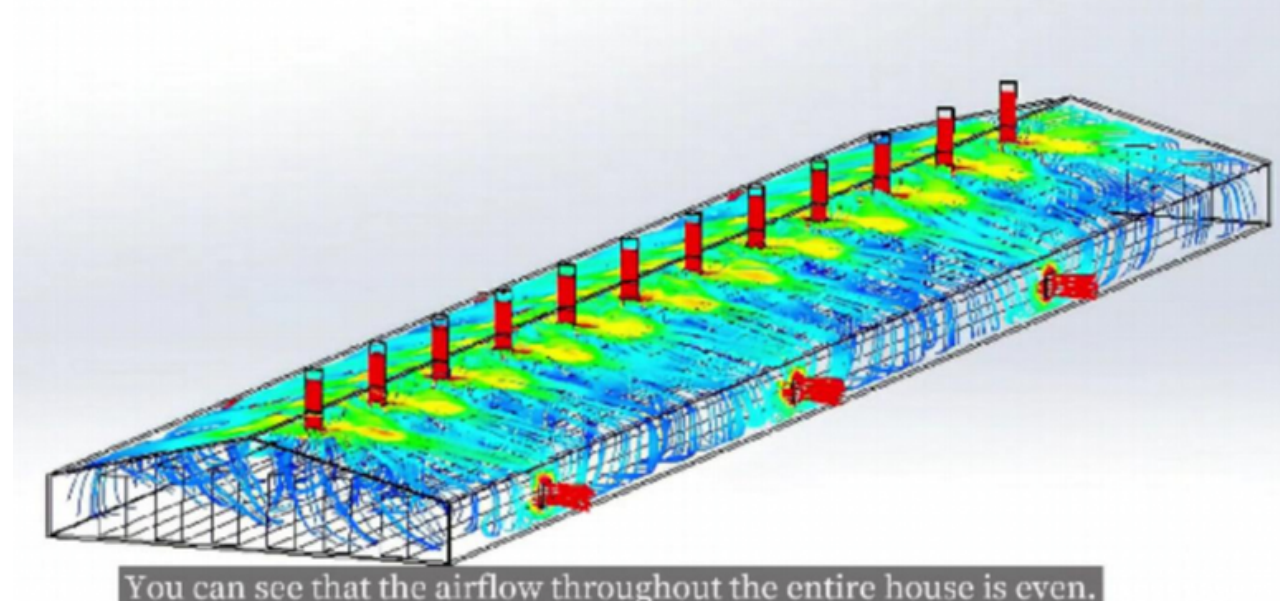


Noise Testing

- Measured at 1.3 meters from the air inlet
- 67.5dB(A)



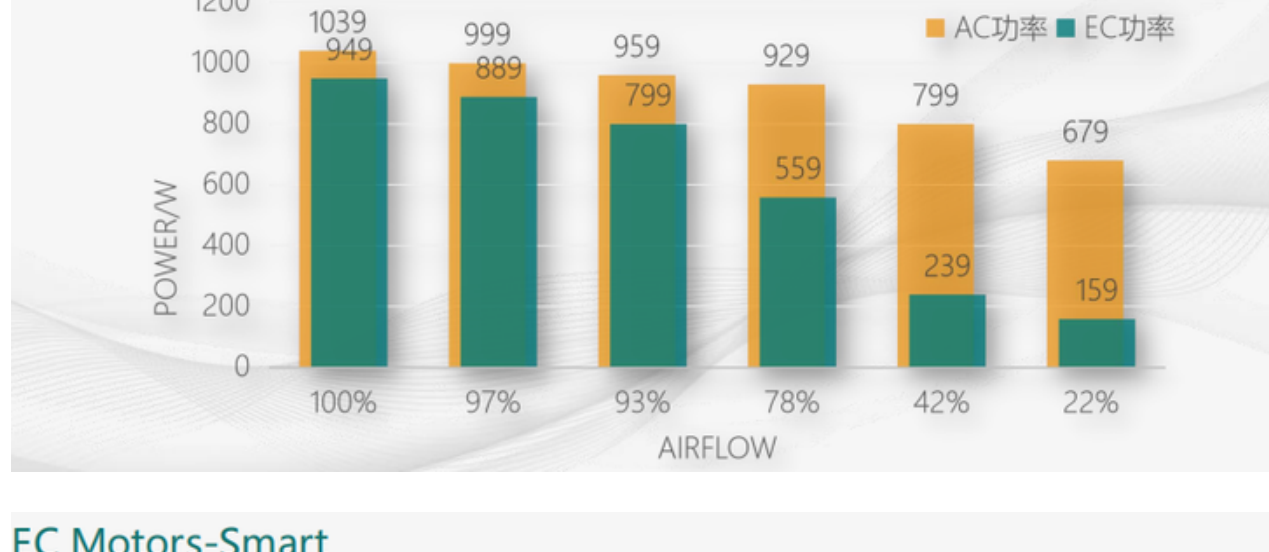
Modeling from drawings for simulation design, leveraging CFD to optimize ventilation plans and specify fan



Agrifan test lab

- Same standard as Bess Lab
- Customize fans for customer

EC Motor-Energy Saving



EC Motors-Smart

Under voltage protection

Less than 330V
Lower down

Less than 220V
stop

Protect motors

Keep running

Feedback

Normal work voltage:

342V-506V