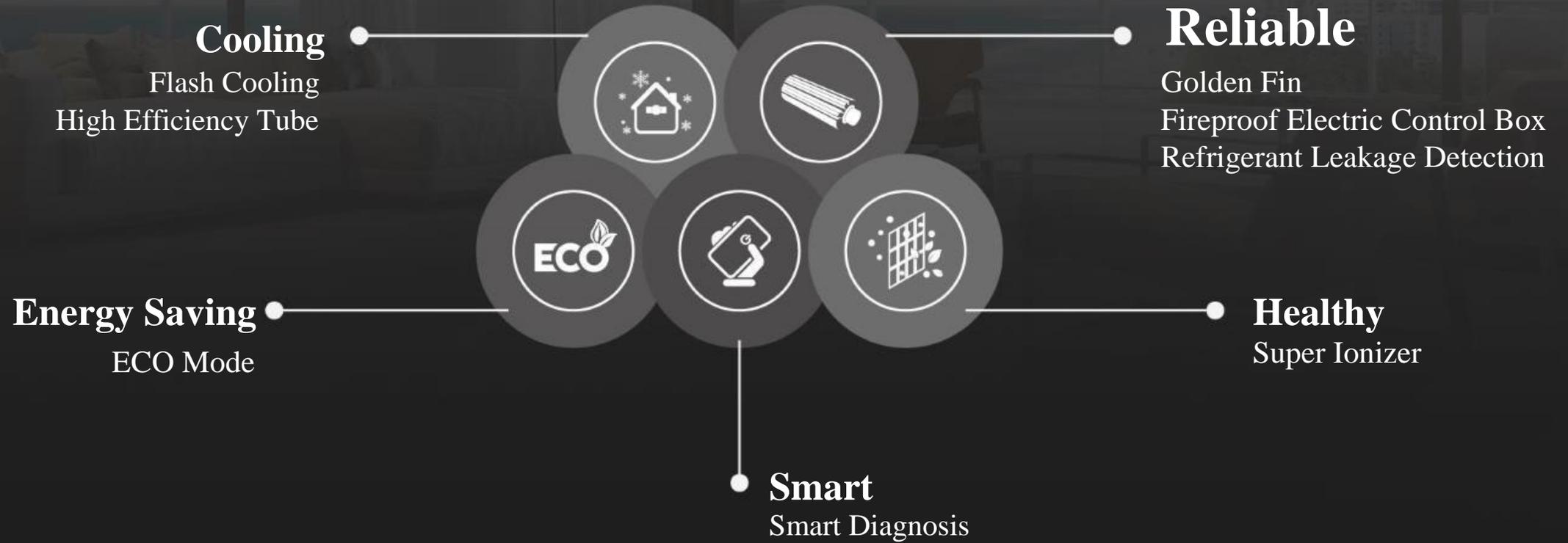


Forest Air Conditioner





Reliable

Golden Fin

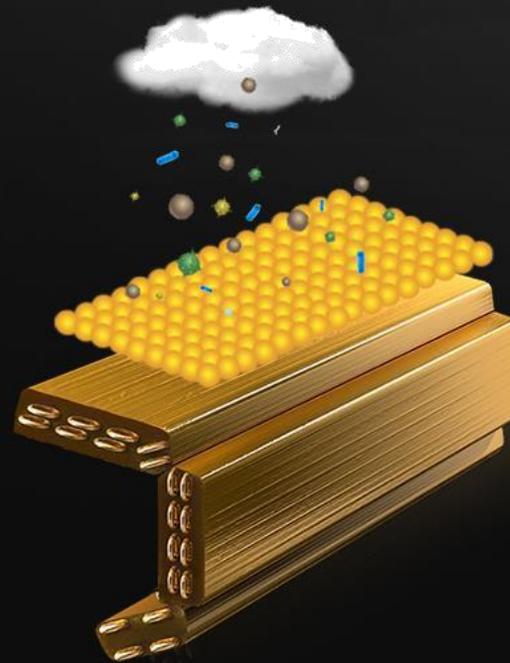


Reliable

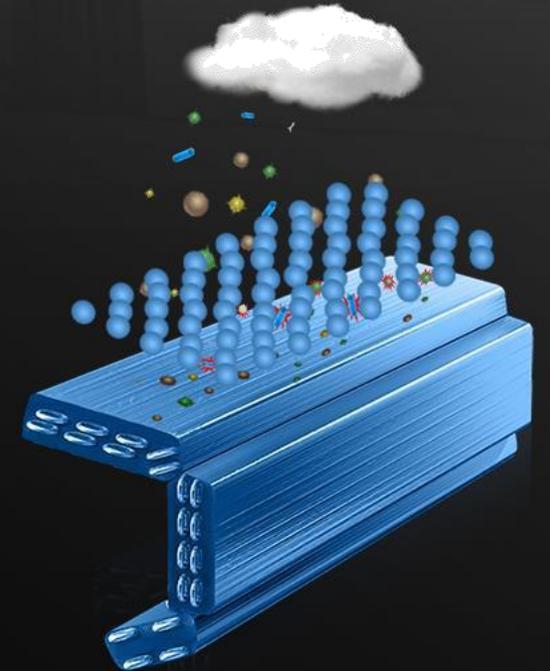
Golden Fin



The unique anticorrosive golden coating on the heat exchangers can withstand the salty air, rain and other corrosive elements. It also effectively prevents bacteria from breeding and improves heat efficiency.



Golden Fin



Blue Fin

Reliable
Golden Fin



Test 1



Common Fin

Golden Fin

Test 2



Common Fin

Golden Fin

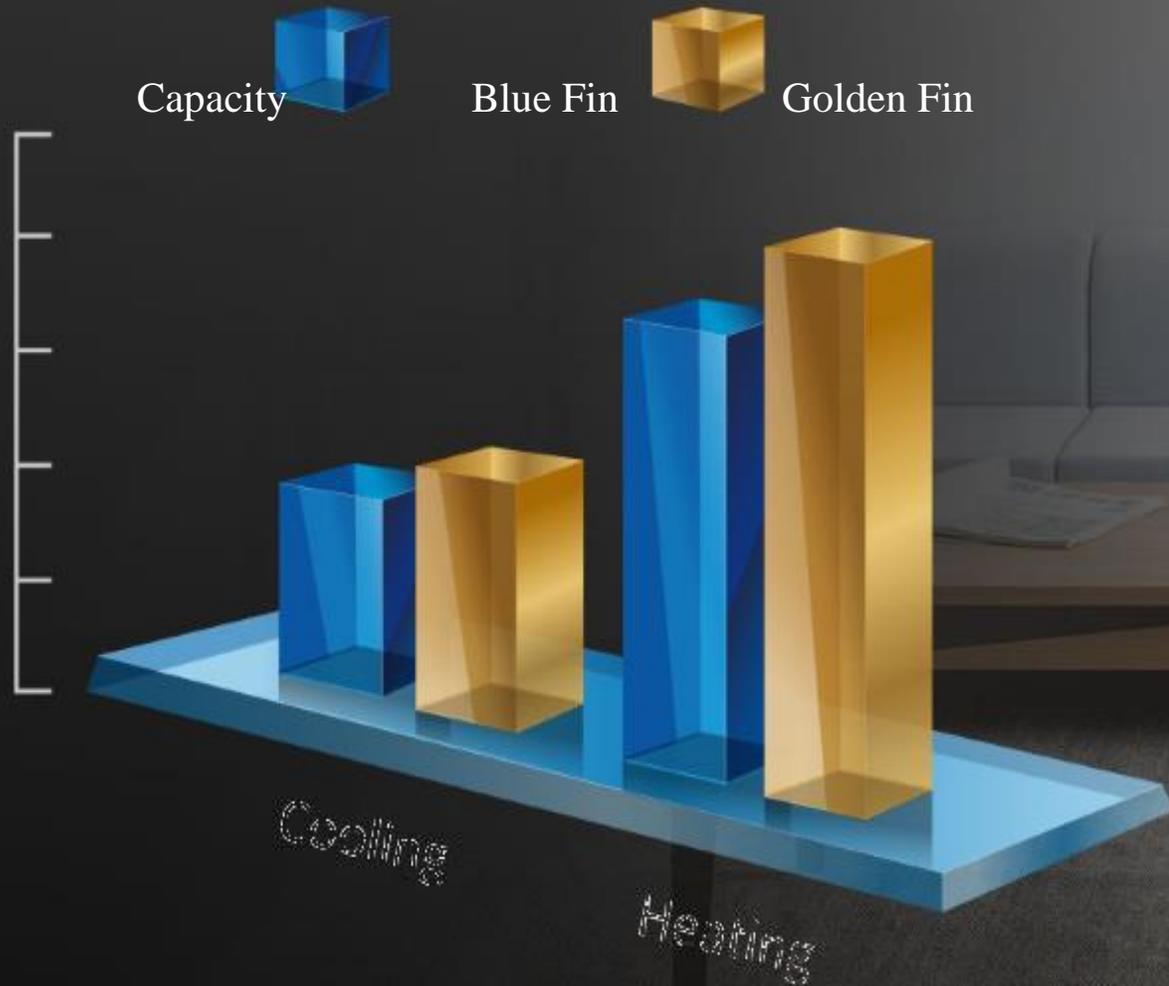
Test1: 1000h neutral salt spray (equivalent to 10+ years of service life under normal conditions): protection level ≥ 9.5 , without perforation.

Test2: Acid resistance tests for 30 minutes (equivalent to 10,000 times accelerated acid rain test): corrosion area $\leq 0.5\%$.

Reliable

Golden Fin

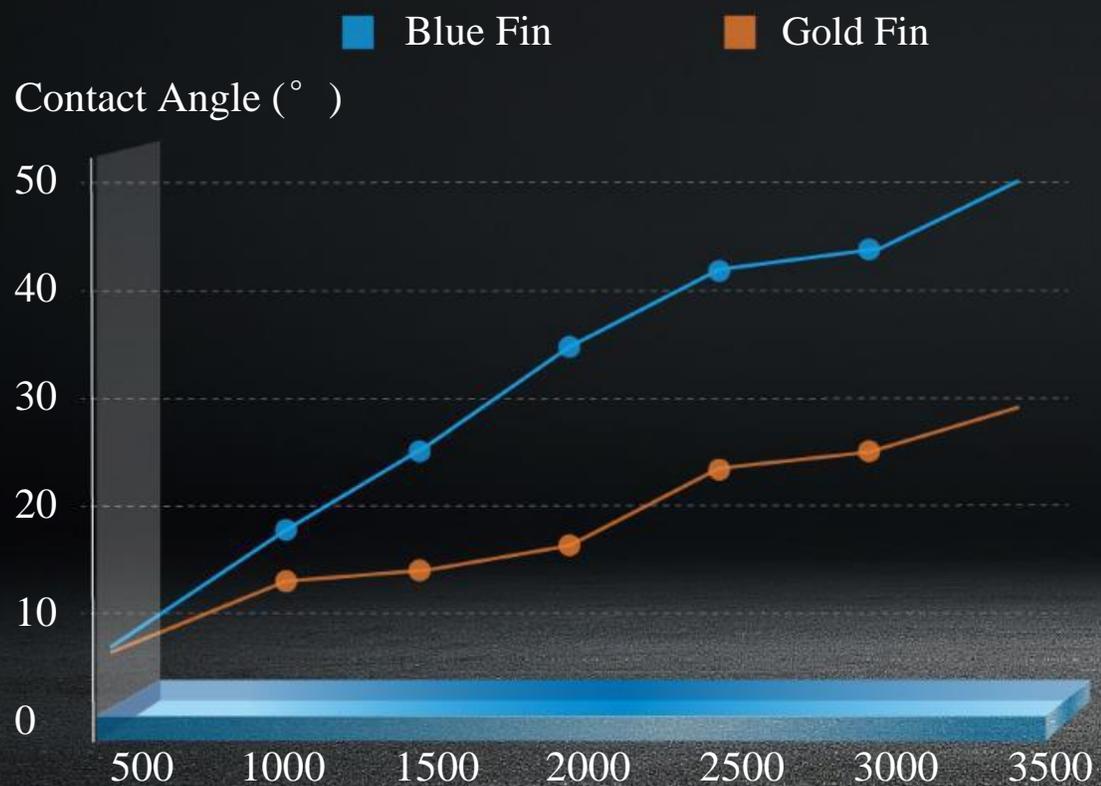
After one year of operation, the prototype with golden coating shows better performance in all working conditions than the prototype with blue coated foil.



Reliable

Golden Fin

Dry-wet cycle tests 3000 times (equivalent to using an air conditioner for 10 years): the golden fin still has good hydrophilicity (hydrophilic angle $\theta \leq 30^\circ$).



Reliable

Fireproof Electronic Control Box



The electric control box uses ABS material with a 5VA flame retardant rating, and the outer surface is covered with sheet metal, which isolates the electric control box from fire.



Reliable

Refrigerant Leakage Detection

Error Code



The system will stop operation automatically to ensure safety once the refrigerant leakage is detected.



Cooling

Flash Cooling



Forest inverter air conditioners use high-frequency compressor start up technology to generate a strong flow of cool air in an extremely short time for your instant coolness.

Cooling

High Efficiency Tube

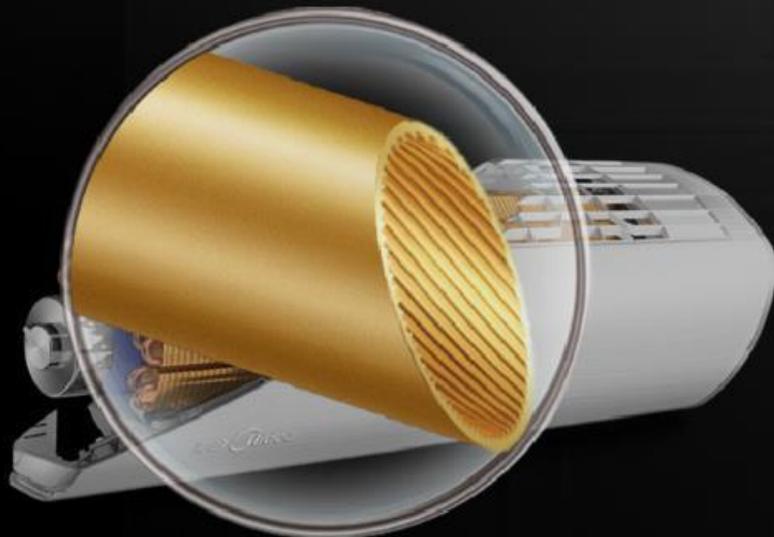
Increase the number of inner groove teeth from **45 to 54**, which enlarges the heat transfer area and increases heat transfer efficiency up by **7.3%**.



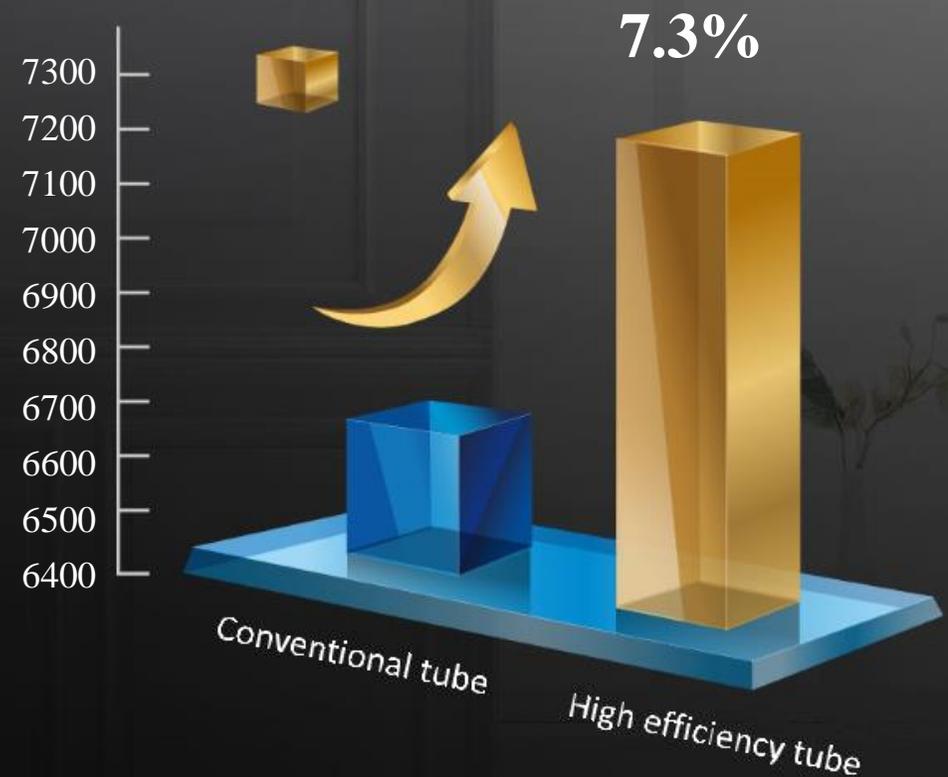
Conventional Tube



High Efficiency Tube



Total heat transfer coefficient
(W/m²·K)



Energy Saving
ECO mode



Significant energy saving over **8** Hours



The air conditioner is equipped with the ECO energy-saving technology, which perfectly synergized with highly efficient inverter technology. You can indulge in comfortable coolness while significantly reducing energy consumption over 8 hours.

Healthy

Super Ionizer

Release high-concentration positive
(3,500,000 n/cm³)
and negative ions
(10,000,000 n/cm³)
to purify the indoor air.



Smart Smart Diagnosis



Smart Diagnosis automatically tests 97 functions via its mobile app. Once a problem is detected, the air conditioner will display the error code “EC”. By simply swiping your finger you can give your air conditioner a checkup, allowing you to conduct maintenance in a timely manner. It’s just like having a private doctor for your air conditioner.