

KWDHVS and KWIH

Comparison Between Agricultural Direct-Fired Warm Air Heating and Agricultural Indirect-Fired Warm Air Heating Solutions

Key Conclusions:

The core difference between **KWDHVS** and **KWIH** is not simply that both can be used in poultry houses, but that their project evaluation logic is fundamentally different.

- **KWDHVS:** Direct-fired, low-position installation, and a standardized poultry house replication solution
- **KWIH:** Indirect-fired, a high-standard solution emphasizing air cleanliness and operating performance
- For projects that focus more on standardized replication, low-position installation, and buildings with limited space → prioritize KWDHVS
- For projects that focus more on air quality, long-term operation, and high-standard poultry houses → prioritize KWIH

Comparison Dimension:

Comparison Dimension	KWDHVS	KWIH
Heating Principle	Direct-fired	Indirect-fired
Structural Type	Cabinet-type unit	Indirect-fired warm air heater
Installation Method	Low-position floor installation	Standard warm air heater installation
Air Cleanliness	Standard	Higher

Comparison Dimension	KWDHVS	KWIH
Operating Performance	Moderate	Higher
Applicable Buildings	Standardized poultry houses / low-height poultry houses	Poultry houses / high-standard agricultural buildings
Building Height Compatibility	Lower buildings	Medium-height buildings
Project Replication Capability	Very strong	Moderate
Main Evaluation Focus	Installation limitations and replication efficiency	Air quality and operating performance
Initial Investment	Lower	Higher
Warm Air System Characteristics	Compact direct-fired heating solution	Premium indirect-fired heating solution
Typical Project Orientation	Large-scale replication / low-position installation	High-standard poultry house operation

Quick Selection Guidelines:

Situations Where KWDHVS Should Be Prioritized:

- The building height is relatively low
- Low-position floor installation is more suitable
- The project includes many standardized poultry houses
- A compact equipment layout is preferred
- Greater emphasis is placed on large-scale replication and installation convenience

Situations Where KWIH Should Be Prioritized:

- Greater focus on air cleanliness
- Greater focus on long-term operating performance
- The project involves higher-standard poultry houses
- Fast temperature recovery is not the only goal
- Greater emphasis is placed on warm air quality rather than simply delivering heat

Conclusion:

KWDHVS is a direct-fired heating solution for standardized poultry houses, while KWIH is a high-performance indirect-fired heating solution for premium poultry house applications.