

WATER HEATER HHW SERIES



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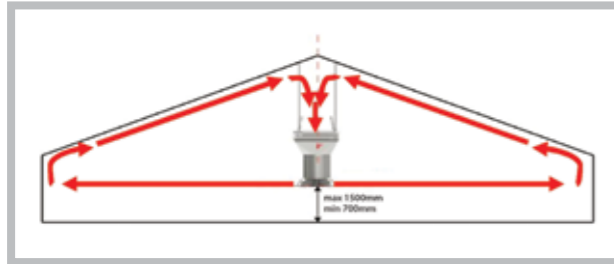
W O R L D W I D E



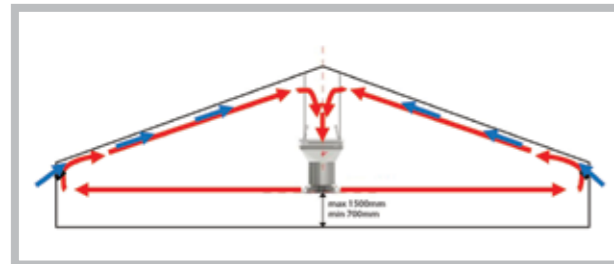
W O R L D W I D E

Product benefits

- Heating of your poultry house by the built in hot water radiator and distributing of the air by the built in frequency controlled fan horizontally above the bird level.



- Mixing of incoming fresh air during minimum ventilation with air underneath the roof and distributing the air by the built in frequency controlled fan horizontally above the bird level.



- Improved and healthy climate by perfect temperature, air and/or heat distribution in horizontal and vertical direction; Vertical temperature difference less than 0,5 degrees C.
- Improved litter conditions, dryer manure which results in reduced labour costs for removal.
- Reduced NH³-emission from the litter floor which results in reduced mortality and improved breast meat quality.

- No open combustion in the poultry house which results in less toxic gasses as CO and CO², no Oxygen is needed for combustion which results in less minimum ventilation.

- Reduction on heating costs because less minimum ventilation is needed and air underneath the roof is circulated to the bird level.

- Easy to clean and maintain and washable with water:
 - All parts are made of heavy duty materials:
 - Special coated radiator which is resistant against aggressive environments.
 - IP65 frequency controlled 3 phase electric fan.
 - Housing made of stainless chromium steel.

- Height Adjustable; to move the air flow to the needed bird level and to hoist the HHW-unit just above the roof to have easy access for removing the birds and cleaning the poultry house.

- **NEW and UNIQUE:** Horizontal rotatable air distribution plenum with 6 air blast units which can be adjusted to control the air flow and volume in the desired direction. Because of the angle of the air blast towards the ventilator, the air speed will be equal when blown out of the air blast.

Technical specifications

HHW series		50	60	70
Heating capacity	kW	50	60	70
Input/output water temperature	°C	80 / 65	80 / 65	80 / 65
Air volume	M ³ /hr	7.400	7.400	7.400
Power supply	V	3x400	3x400	3x400
Frequency	Hz	50	50	50
Speed	rpm	920	920	920
Max. absorbed power	W	534	534	534
Max. current at 400 V.	A	1,2	1,2	1,2
Sound pressure level	(dB(A))	62	62	62
Dimension (LxWxH)	mm	140,5x114,5x105	140,5x114,5x107	140,5x114,5x109
Weight	kg	124	138	149
Speed controller*	RMB/T*	RMT - 1,5	RMT - 1,5	RMT - 1,5
Inverter control*	VFTM	Tri 0,37	Tri 0,37	Tri 0,37
Inverter control*	VFKB	45	45	45
Flow velocity	M ³ /hr	2,9	3,4	4,12

* Three phase speed controllers 400V

No rights can be derived from this technical specifications

Accessoires

Electric Valve 1"



Stainless Steel Hose 1"



Manual Valve 1"

