

Air water heater series

HCF230V



Place to use:

The HCF series water heater is designed for agricultural warm air heating such as:

- Greenhouses
- Pig breeding sheds
- Poultry breeding sheds
- Granaries
- Stables



Device features:

Thanks to the GOLD EPOXY coating method, the HCF series water unit heater has an antibacterial coating:

- Longer life of the exchanger in an aggressive environment,
- Antibacterial protection preventing the growth of bacteria inside the exchanger
- Protection against mold
- Anti-corrosion effect
- Water resistance
- The HCF IP66 device is equipped with a fan with a higher degree of IP protection.



	UNIT	HCF IP54-3S	HCF IP66
Nominal heating capacity	KW	44.3 32.5 26.5	50.2 - -
Heating capacities range	KW	3.87 - 58.5 **	7.01 - 66.2 ***
Maximum airflow	m³/h	4000 2400 1750	5000 - -
Maximum isothermal stream range	m	21	24
Number of rows	pcs.	2	2
Water capacity	dm³	1.95	1.95
Maximum temperature of heating fluid	°C	120	120
Maximum pressure of heating fluid	MPa	1.6	1.6
Connectors diameter	cal	3/4	3/4
voltage / frequency	V/Hz	230/50	230/50
Nominal motor current	A 3 Stage/2 Stage/1 Stage	1.08 0.86 0.70	2.7 - -
Nominal motor speed	rpm 3 Stage/2 Stage/1 Stage	1360 1050 750	1335 - -
Nominal motor power	w 3 Stage/2 Stage/1 Stage	240 190 160	610 - -
IP protection rating of motor	-	54	66
NET weight	kg	17.5	20
Noise level	dba *** 3 Stage/2 Stage/1 Stage	59 54 50	63 - -

* for the parameters 90/70°C and the inlet air temperature 0°C

** the max. capacity for 120/90°C, 0°C the inlet air temperature, 3rd stage // the min. capacity for 40/30°C, 20°C the inlet air temperature, 1st stage

*** the max. capacity for 120/90°C, 0°C the inlet air temperature // the min. capacity for 40/30°C, 20°C the inlet air temperature

**** the measurement at the distance of 5 m from the device