

## CLIMATEC HEAT-X CHANGER

Air-Water-Heat exchanger - effective heating without CO<sup>2</sup> production.

The Climatec Heat-Xchangers are amongst the most powerful on the market. When compared with similar devices, these units use 50% of the power consumption with the same heating capacity, requiring approximately 7.6 W of electrical power per 1,000 W of heat output with an airflow of 11,000m<sup>3</sup>/hr.

A major advantage to using warm water driven heat exchangers when compared to gas heaters is that they do not burn oxygen or produce CO<sup>2</sup> or steam when generating heat in the bird growing area.

The Climatec Heat-Xchangers are available in both a vertical and horizontal model, both giving equal radial heat distribution for optimum efficiency. Suspension and connection kits are also available.

The units are extremely robust with easy to clean smooth surfaces manufactured from durable stainless steel and plastics; the spacing between the radiator fins allows for easy cleaning with a high pressure jet.

### Benefits include:

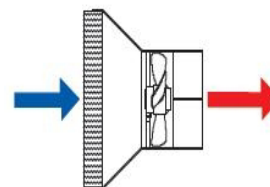
#### Universal application

- No noxious gases in the bird growing area
- Energy efficient - up to 50% power saving against comparable units
- Depending on application/demand, low or high air speeds can be targeted
- Durable and robust due to high quality components
- Easy to clean with high pressure washer
- Equal radial heat distribution

### Versatile:

#### 1 Heat exchanger with side intake

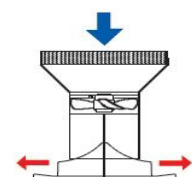
Air is drawn in through the vertically mounted units and is distributed equally and radially, ensuring a stable environment in different areas. This means that a section of the house where the temperature is lowest can be heated without the need to raise the temperature in the entire house, allowing a better and more even distribution of heat. This method is ideal for any size house.



horizontal: standard  
high air velocity for long trajectories

#### 2 Heat exchanger with top intake

Horizontal circulation of the air. The air is drawn in at the sides and distributed throughout the house. This method is suitable for long houses enabling fresh air to reach all sections of the growing area.



vertical: standard  
regular radial heat distribution