

## Klingenburg Crossflow Plate Heat Exchanger



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### Product description

#### Crossflow plate heat exchanger type PWT

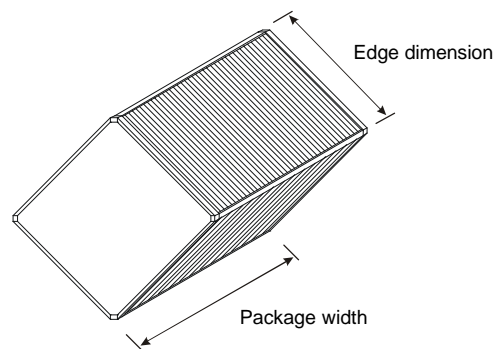
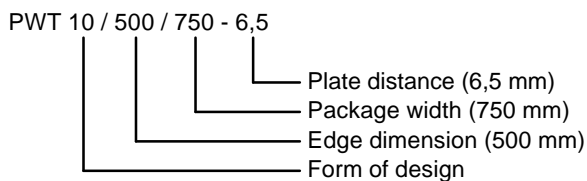
Application in ventilation systems for the exchange of heat energy.  
 Preferably use in plants where circulating air is not allowed.  
 Designed as crossflow plate heat exchanger for recovery of sensible and latent heat contained in the air streams.  
 Exhaust air and supply air are totally separated. The air flows are passed by each other along thin parallel aluminium plates by the crossflow principle.  
 Any transfer of odours or humidity is excluded.  
 Plate material out of non-corroding seawater resistant aluminium alloy.  
 High efficiencies due to special plate structures.  
 Different plate distances available.  
 Any required package width can be supplied.  
 Horizontal or vertical installation possible.

Types PWT 10 200, 300, 390 and 400 designed with special edge-folding thus high tightness and stability.  
 Applicable for air quantities from 50 up to 2000m<sup>3</sup>/h, preferably used for room ventilation and process air conditioning.

Types PWT10 500 up to 1200 designed with double folding of the intake-flow edges (five-fold material thickness) thus highest tightness and stability in air handling units.  
 Applicable for air quantities from 1000 up to 17000 m<sup>3</sup>/h as single bloc and up to 170000 m<sup>3</sup>/h due to modular construction.

All sizes are available as pure heat exchanger, with insulated/uninsulated housing and with -or without- bypass and bypass-flap.  
 Drop eliminators are available depending of application.

#### Example of a type-key:



#### Available types:

Form of design	Bypass	Bypass-damper	Housing
PWT 10			
PWT 20	X		
PWT 25	X	X	
PWT 30			X
PWT 40	X		X
PWT 60	X	X	X