

### Air-to-Water Heat Exchanger System AirCool Ventus

- Single-circuit system including tank open to atmosphere
- Without active refrigeration
- Heat discharged into the ambient air
- Plastic tank with water level indicator
- Electronic microprocessor-controlled thermostat with digital display (LED)
- Error messages displayed as individual codes by controller
- Control cabinet with main switch
- Built-in pump (see pump characteristics)
- Housing powder-coated, colour RAL 7043 (traffic grey B)
- Due to the process employed, the exit temperature of the cooling medium is always above the ambient temperature
- Suitable for industrial use
- Absolutely reliable design
- Contains all the components required for the fully automatic cooling process



AirCool Ventus  
(with option castors)

### Model AirCool Ventus ACVE 004

Cooling capacity at dT of 5K*/20K*	kW	: 3.9 / 15.6
Cooling medium	:	Water
Rated coolant flow	m <sup>3</sup> /h	: 0.7
Pump	type	: P3-BR11A
Pump pressure**	bar	: 2.8
Tank capacity	litres	: 30
Water connection	Inch	: R 3/4" Female
Required flow of cooling air	m <sup>3</sup> /h	: 2,100
Power input max.	kW	: 0.5
Operating voltage	Volts/Hz/Phase	: 230/50/1
Weight	kgs	: 101
Dimensions (WxDxH)	mm	: 580x650x920

\* Above the current ambient temperature.

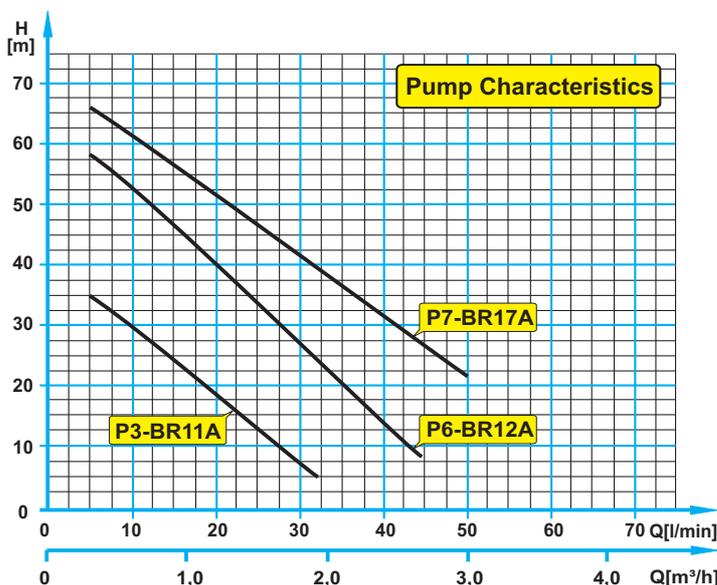
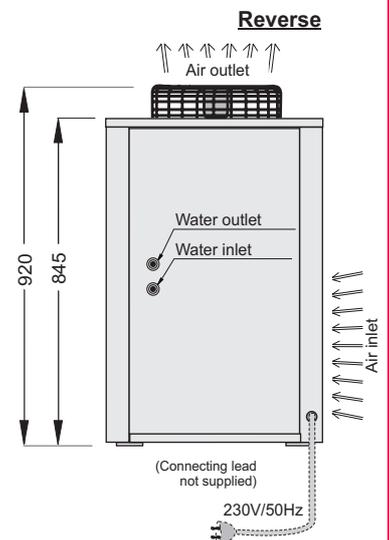
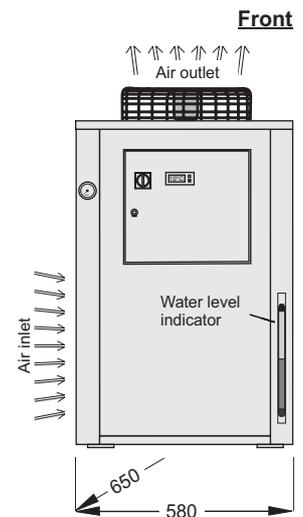
\*\* Pressure at rated coolant flow.

**Alternative units:** ACVE 002 and ACVE 010

### AirCool Ventus + options / accessories:

	Cat. No.
AirCool Ventus ACVE 004	GUACVE004-NEA
Pump P6-BR12A instead of P3-BR11A	MACVE6-P6-BR12A-004
Pump P7-BR17A instead of P3-BR11A	MACVE6-P7-BR17A-004
Water flow switch	ZACVE6-008-004
Continuous-flow system without tank	on request
4 swivel castors, 2 with brakes	ZACVE5-021-004
Export version with special voltages / frequencies	on request

Additional options and accessories as well as pump alternatives on request.



[Http://www.NationalLab.eu](http://www.NationalLab.eu)

National Lab GmbH  
 Tel.: +49 45 42 / 84 91 - 10  
 Grambeker Weg 157  
 D-23879 Moelln  
 Fax: +49 45 42 / 84 91 - 11  
 e-Mail: ProfiCool@NationalL.ab.com