

Low Temperature Recirculating Chillers ProfiCool Genius Zero

- Single-circuit systems including tank open to atmosphere
- Air-cooled cooling machine
- Plastic tank with water level indicator
- Electronic microprocessor-controlled thermostat with digital display
 - Error messages displayed as individual codes by controller
- On/off switch
- Manometer displaying coolant outlet pressure
- Built-in pump (see pump characteristics)
- Housing powder-coated, colour RAL 7043 (traffic grey B)



ProfiCool Genius Zero (with option castors)

Model ProfiCool Genius Zero	PCGEZ 12
Net cooling capacity at $\pm 0^{\circ}\text{C}/-10^{\circ}\text{C}$ kW	: 1.0 / 0.7
Eff. cooling capacity at $\pm 0^{\circ}\text{C}/-10^{\circ}\text{C}$ kW	: 0.8 / 0.5
Operating range $^{\circ}\text{C}$: $-15 / \pm 0$
Temperature constancy K	: ± 1.5
Rated coolant flow m^3/h	: 0.6
Pump type	: P3-BR11A
Pump pressure * bar	: 2.9
Tank capacity litres	: 10
Water connection Inch	: G $\frac{1}{2}$ " Female
Required flow of cooling air m^3/h	: 825
Starting current Amps	: 30
Power input max. kW	: 1.9
Operating voltage Volts/Hz/Phase	: 230/50/1
Weight kgs	: 52
Dimensions WxDxH mm	: 445x575x540
Refrigerant CFC-free	: R404A

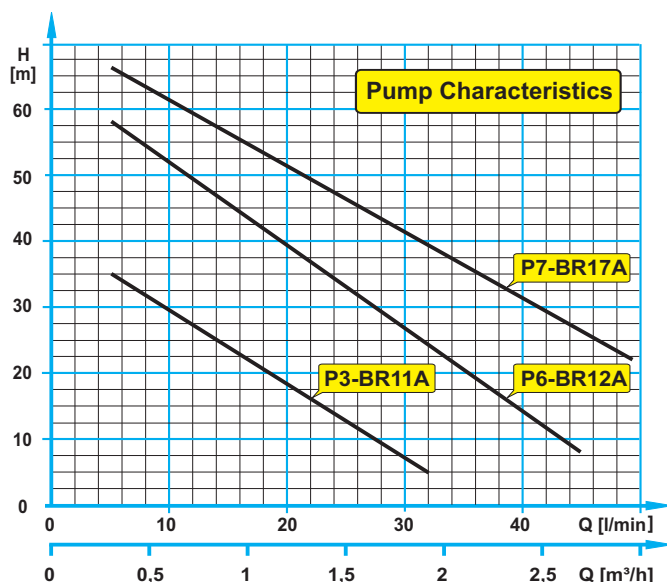
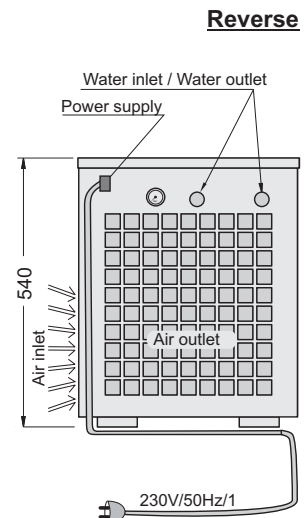
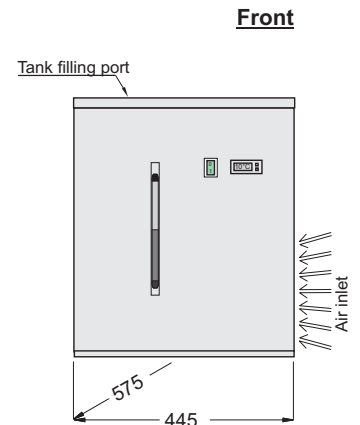
* Pressure at rated coolant flow.

Alternative units: PCGEZ37

ProfiCool Genius Zero + options / accessories: Cat. No.

ProfiCool Genius PCGEZ 12.02-NEA	GUPCGEZ012.02-NEA
Pump P6-BR12A instead of P3-BR11A	MPCGEZ6-P6-BR12A-012
Pump P7-BR17A instead of P3-BR11A	MPCGEZ6-P7-BR17A-012
Continuous-flow system without tank and/or without pump	on request
Overflow by-pass valve	ZPCGEZ6-041-012
4 swivel castors, 2 with brakes	ZPCGEZ5-021-012
Temperature constancy up to ± 0.5 K	on request
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)



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