

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
 - Remote control
- Control cabinet with main switch
- Built-in pump (see pump characteristics)
- High and low pressure switch
- Fan controlled by static pressure
- Manometer displaying coolant outlet pressure
- Housing powder-coated, colour RAL 7035 (light grey)



ProfiCool Genius Zero (with option colour RAL 7043, traffic grey B)

Model ProfiCool Genius Zero PCGEZ 160

Net cooling capacity at $\pm 0^{\circ}\text{C}/-10^{\circ}\text{C}$	kW	: 13.0 / 8.7
Eff. cooling capacity at $\pm 0^{\circ}\text{C}/-10^{\circ}\text{C}$	kW	: 12.6 / 8.3
Operating range	$^{\circ}\text{C}$: $-15 / \pm 0$
Temperature constancy	K	: ± 1.5
Rated coolant flow	m^3/h	: 1.7
Pump	type	: P6-BR12B
Pump pressure *	bar	: 3.0
Tank capacity	litres	: 60
Water connection	Inch	: G $\frac{3}{4}$ " Female
Required flow of cooling air	m^3/h	: 6,000
Starting current	Amps	: 83.0
Power input max.	kW	: 4.4
Operating voltage	Volts/Hz/Phase	: 400/50/3
Weight	kgs	: 170
Dimensions WxDxH	mm	: 760x760x1380
Refrigerant	CFC-free	: R404A

* Pressure at rated coolant flow.

Alternative units: PCGEZ 100 und 180

ProfiCool Genius Zero + options / accessories:

Cat. No.

ProfiCool Genius PCGEZ 160.03-NEB	GUPCGEZ160.03-NEB
Pump P7-BR17B instead of P6-BR12B	MPCGEZ6-P7-BR17B-160
Pump P8-AM24B instead of P6-BR12B	MPCGEZ6-P8-AM24B-160
Continuous-flow system without tank and/or without pump	on request
Overflow by-pass valve	ZPCGEZ6-041-160
4 swivel castors, 2 with brakes	ZPCGEZ5-021-160
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.

