

Recirculating Chillers ProfiCool Genius

- Single-circuit systems including tank open to atmosphere
- Air-cooled cooling machine
- Plate heat exchanger as evaporator
- 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 manometer
- High and low pressure switch
- Fan controlled by static pressure
- Manometer displaying coolant outlet pressure
- Housing powder-coated, colour RAL 7035 (light grey)

Model ProfiCool Genius	PCGE 160	PCGE 190
Net cooling capacity at +20/+15°C kW : 15.8 / 14.9	18.2 / 17.1	
Eff. cooling capacity at +20/+15°C kW : 15.3 / 14.4	17.7 / 16.6	
Operating range * °C : +5 / +25	+5 / +25	
Temperature constancy K : ±1.5	±1.5	
Rated coolant flow m³/h : 2.6	2.9	
Pump type : P3-AR02B	P3-AR02B	
Pump pressure ** bar : 2.7	2.6	
Tank capacity litres : 100	100	
Water connection Inch : G 1" Female	G 1" Female	
Required flow of cooling air m³/h : 7,600	7,600	
Starting current Amps : 62	72	
Power input max. kW : 4.4	5.1	
Operating voltage volt/Hz/phase : 400/50/3	400/50/3	
Weight kgs : 220	230	
Dimensions WxDxH mm : 760x1325x1525	760x1325x1525	
Refrigerant CFC-free : R407C	R407C	

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* Set temperatures <+5°C and >+25°C on request.

** Pressure at rated coolant flow.

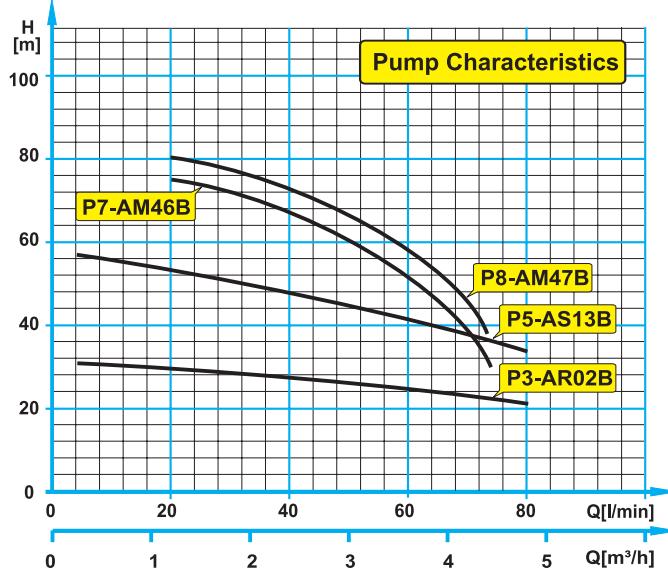
Alternative units: PCGE 151 and PCGE 250

ProfiCool Genius + options / accessories:

Cat. No.

ProfiCool Genius PCGE 160.01-NEB	GUPCGE0160.01-NEB
ProfiCool Genius PCGE 190.01-NEB	GUPCGE0190.01-NEB
Pump P5-AS13B instead of P3-AR02B	MPCGE6-P5-AS13B-0160
Pump P7-AM46B instead of P3-AR02B	MPCGE6-P7-AM46B-0160
Pump P5-AS13B instead of P3-AR02B	MPCGE6-P5-AS13B-0190
Pump P8-AM47B instead of P3-AR02B	MPCGE6-P8-AM47B-0190
Continuous-flow system without tank and/or without pump	on request
Overflow by-pass valve	ZPCGE6-041-0190
4 swivel castors, 2 with brakes	ZPCGE5-021-0190
Temperature constancy up to ±0.5 K	on request
Low ambient temperature kit	MPCGE7-001-0190
Export version with special voltages / frequencies	on request

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



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

