

Recirculating Chillers ProfiCool Genius

- 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
- Remote control
- 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 (with option castors)

| Model ProfiCool Genius | PCGE 11 | PCGE 21 | PCGE 25 | PCGE 28 |
|------------------------------------|------------------------|-------------|-------------|-------------|
| Net cooling capacity at +20/+15°C | kW : 1.1 / 1.0 | 2.0 / 1.9 | 2.5 / 2.3 | 3.5 / 3.2 |
| Eff. cooling capacity at +20/+15°C | kW : 0.7 / 0.6 | 1.6 / 1.5 | 2.1 / 1.9 | 3.1 / 2.8 |
| Operating range * | °C : +5 / +25 | +5 / +25 | +5 / +25 | +5 / +25 |
| Temperature constancy | K : ±1.5 | ±1.5 | ±1.5 | ±1.5 |
| Rated coolant flow | m³/h : 0.6 | 0.6 | 0.6 | 0.7 |
| Pump | type : P3-BR11A | P3-BR11A | P3-BR11A | P3-BR11x |
| Pump pressure ** | bar : 2.9 | 2.9 | 2.9 | 2.8 |
| Tank capacity | litres : 10 | 10 | 10 | 10 |
| Water connection | Inch : G ½" Female | G ½" Female | G ½" Female | G ½" Female |
| Required flow of cooling air | m³/h : 910 | 825 | 990 | 1,310 |
| Starting current 230V/400V | Amps : 17 / — | 29 / — | 35 / — | 32 / 16 |
| Power input max. 230V/400V | kW : 1.0 / — | 1.2 / — | 1.4 / — | 1.5 / 1.6 |
| Operating voltage | Models -NEA : 230/50/1 | 230/50/1 | 230/50/1 | 230/50/1 |
| volt/Hz/phase | Models -NEB : — | — | — | 400/50/3+N |
| Weight | kgs : 52 | 55 | 58 | 77 |
| Dimensions WxDxH | mm : 445x575x540 | 445x575x540 | 445x575x540 | 445x575x640 |
| Refrigerant | CFC-free : R134a | R134a | R134a | R134a |

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

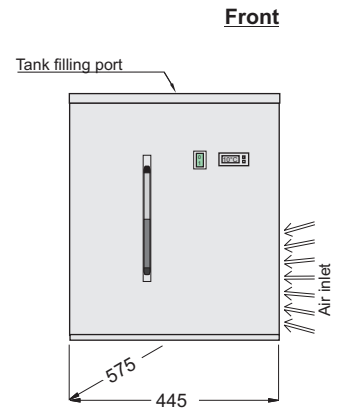
** Pressure at rated coolant flow.

Alternative units: PCGE 31, ProfiCool Novus series

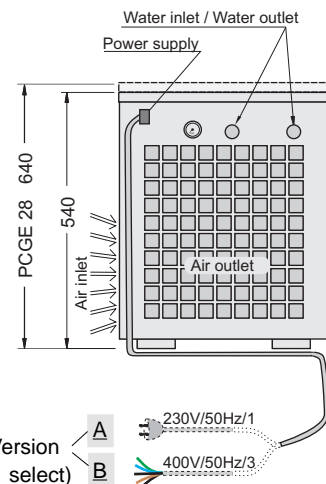
ProfiCool Genius + options / accessories: Cat. No.

| | |
|---|----------------------|
| ProfiCool Genius PCGE 11.02-NEA | GUPCGE0011.02-NEA |
| ProfiCool Genius PCGE 21.02-NEA | GUPCGE0021.02-NEA |
| ProfiCool Genius PCGE 25.02-NEA | GUPCGE0025.02-NEA |
| ProfiCool Genius PCGE 28.02-NEA | GUPCGE0028.02-NEA |
| ProfiCool Genius PCGE 28.02-NEB | GUPCGE0028.02-NEB |
| Pump P6-BR12 instead of P3-BR11 | MPCGE6-P6-BR12x-0028 |
| Pump P7-BR17 instead of P3-BR11 | MPCGE6-P7-BR17x-0028 |
| Continuous-flow system without tank and/or without pump | on request |
| Overflow by-pass valve | ZPCGE6-041-0028 |
| 4 swivel castors, 2 with brakes | ZPCGE5-021-0028 |
| 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.



Reverse



x = Version
(Please select)

A 230V/50Hz/1
B 400V/50Hz/3

