

Recirculating Chillers ProfiCool *Primus*

- Single-circuit system including tank open to atmosphere
- Air-cooled cooling machine
- Plastic tank with water level indicator
- Coil evaporator made of stainless steel
- Electronic microprocessor-controlled thermostat with digital display (LED)
- Automatic by-pass valve
- Pressure gauge
- 2-stage level switch
- Built-in pump (see pump characteristics)
- Temperature constancy ± 0.5 K
- Housing powder-coated, colour RAL7035 (light grey)
- Air filter mat
- Plastic feet



ProfiCool *Primus* PCPR 055
(with option castors)

Model ProfiCool <i>Primus</i>	PCPR 085	PCPR 105
Net cooling capacity at +20/+15°C kW :	8.5 / 7.2	10.0 / 8.6
Eff. cooling capacity at +20/+15°C kW :	8.0 / 6.9	9.4 / 8.0
Operating range * °C :	+5 / +30	+5 / +30
Temperature constancy K :	± 0.5	± 0.5
Rated coolant flow m ³ /h :	1.9	1.9
Pump type :	P4-GM15M	P4-GM16M
Pump pressure ** bar :	3.7	4.5
Tank capacity litres :	17	17
Water connection :	< CPC quick connection couples for hose 12 mm outside Ø >	
Power input max. kW :	4.1	6.8
Operating voltage Volts/Hz/Phase :	400/50/3	400/50/3
	460/60/3	460/60/3
Weight kgs :	130	150
Dimensions WxDxH mm :	600x600x950	600x600x950
Refrigerant CFC-free :	R404A	R404A

* Set temperatures $< +5^{\circ}\text{C}$ and $> +30^{\circ}\text{C}$ on request.

** Pressure at rated coolant flow.

Front

ProfiCool *Primus* + options / accessories:

Cat. No.

ProfiCool Primus PCPR 085.03-NEM

GUPCPR085.03-NEM

ProfiCool Primus PCPR 105.03-NEM

GUPCPR105.03-NEM

RS 485 interface

YPCPR2-019-105

Continuous-flow system without tank and/or without pump

on request

5 swivel castors, 2 with brakes

YPCPR5-021-105

Enhancement working range to $\pm 0^{\circ}\text{C}$

MPCPR7-007-105

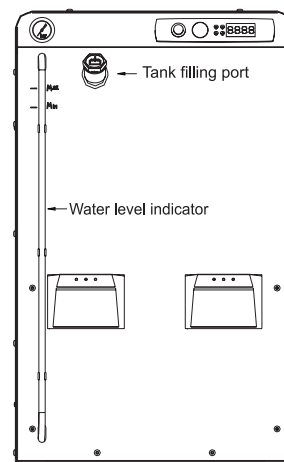
Temperature constancy up to ± 0.1 K

ZPCPR9-067-105

Export version with special voltages / frequencies

on request

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



Top

