

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)

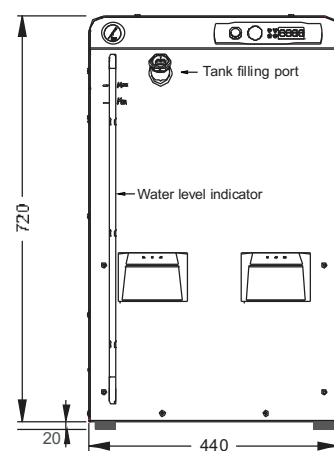
Model ProfiCool <i>Primus</i>	PCPR 045	PCPR 055
Net cooling capacity at +20/+15°C kW :	4.6 / 3.9	5.7 / 4.8
Eff. cooling capacity at +20/+15°C kW :	4.3 / 3.6	5.0 / 4.4
Operating range * °C :	+5 / +30	+5 / +30
Temperature constancy K :	± 0.5	± 0.5
Rated coolant flow m ³ /h :	0.6	0.6
Pump type :	P16-YA91M	P16-YA91M
Pump pressure ** bar :	3.0	3.0
Tank capacity litres :	6.5	15
Water connection :	< CPC quick conn. couples for hose 12 mm outside Ø >	
Power input max. kW :	3.1	3.9
Operating voltage Volts/Hz/Phase :	400/50/3	400/50/3
	460/60/3	460/60/3
Weight kgs :	82	107
Dimensions WxDxH mm :	440x608x740	540x608x840
Refrigerant CFC-free :	R404A	R404A

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

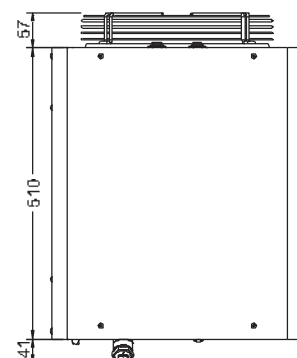
** Pressure at rated coolant flow.

PCPR 045

Front



Top



ProfiCool *Primus* + options / accessories:

Cat. No.

ProfiCool *Primus* PCPR 045.03-NEM

GUPCPR045.03-NEM

ProfiCool *Primus* PCPR 055.03-NEM

GUPCPR055.03-NEM

Pump P16-YA97M instead of P16-YA91M

MPCPR6-P16-YA97M-055

Pump P4-GR12M instead of P16-YA91M

MPCPR6-P4-GR12M-055

Pump P2-CX01M instead of P16-YA91M

MPCPR6-P2-CX01M-055

Pump P4-CX11M instead of P16-YA91M

MPCPR6-P4-CX11M-055

Pump P6-CX31M instead of P16-YA91M

MPCPR6-P6-CX31M-055

RS 485 interface

YPCPR2-019-055

Continuous-flow system without tank and/or without pump

on request

External housing contains stainless steel CNS

MPCPR5-041-055

4 swivel castors, 2 with brakes

YPCPR5-021-055

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

MPCPR7-007-055

Temperature constancy up to ± 0.1 K

ZPCPR9-067-055

Export version with special voltages / frequencies

on request

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

