

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 035 (with option castors)

Model ProfiCool <i>Primus</i>	PCPR 030	PCPR 035
Net cooling capacity at +20/+15°C kW :	3.0 / 2.5	3.5 / 2.9
Eff. cooling capacity at +20/+15°C kW :	2.7 / 2.2	3.2 / 2.6
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-YA91x	P16-YA91x
Pump pressure ** bar :	3.0	3.0
Tank capacity litres :	6.5	6.5
Water connection :	< CPC quick connection couples for hose 12 mm outside Ø >	
Required flow of cooling air m ³ /h :	2,500	2,500
Starting current 230V/400V Amps :	28 / 14	32 / 16
Power input max. 230V/400V kW :	1.7 / 1.6	1.9 / 1.9
Operating voltage Models-NED :	230/50-60/1	230/50-60/1
Volts/Hz/Phase Models-NEM :	400/50/3	400/50/3
	460/60/3	460/60/3
Weight kgs :	71	75
Dimensions WxDxH mm :	440x608x740	440x608x740
Refrigerant CFC-free :	R404A	R404A

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

** Pressure at rated coolant flow.

ProfiCool *Primus* + options / accessories:

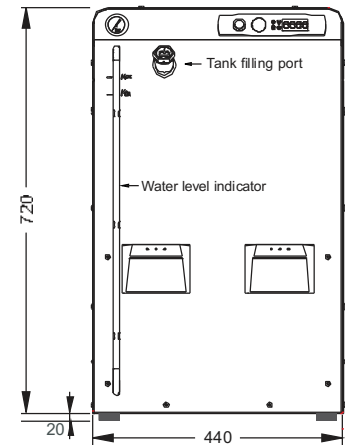
Cat. No.

ProfiCool Primus PCPR 030.03-NED	GUPCPR030.03-NED
ProfiCool Primus PCPR 030.03-NEM	GUPCPR030.03-NEM
ProfiCool Primus PCPR 035.03-NED	GUPCPR035.03-NED
ProfiCool Primus PCPR 035.03-NEM	GUPCPR035.03-NEM
Pump P16-YA97 instead of P16-YA91	MPCPR6-P16-YA97x-035*
Pump P4-GR12 instead of P16-YA91	MPCPR6-P4-GR12x-035*
RS 485 interface	YPCPR2-019-035
Continuous-flow system without tank and/or without pump	on request
External housing contains stainless steel CNS	MPCPR5-041-035
4 swivel castors, 2 with brakes	YPCPR5-021-035
Enhancement working range to $\pm 0^{\circ}\text{C}$	MPCPR7-007-035
Temperature constancy up to ± 0.1 K	ZPCPR9-067-035
Export version with special voltages / frequencies	on request

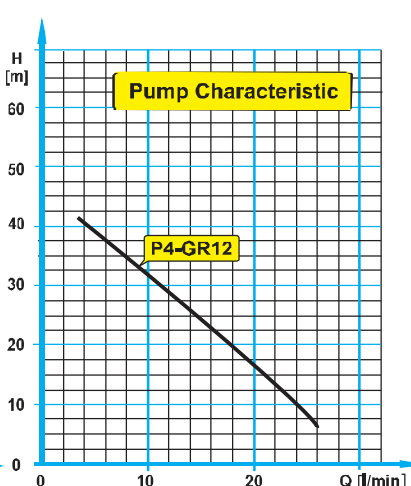
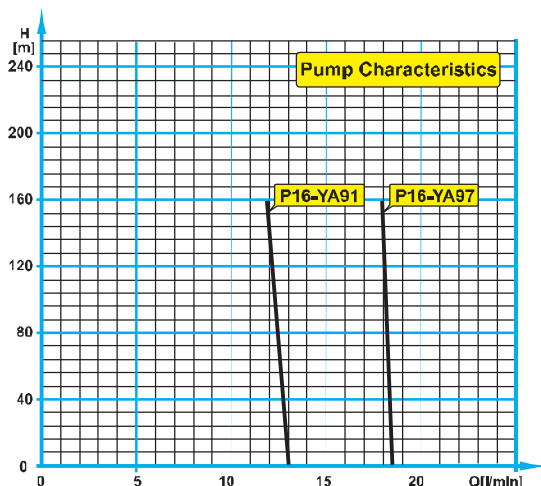
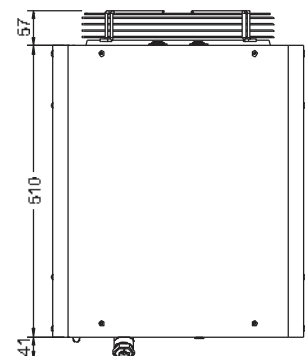
Additional options and accessories as well as pump alternatives on request.

* \underline{x} = version \underline{D} (230V) or \underline{M} (400V / 460V) (please select).

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