

Recirculating Chillers ProfiCool *Modulus*

- Single-circuit systems including tank open to atmosphere
- Air-cooled cooling machine
- Tank with water level indicator
- Electronic microprocessor-controlled thermostat with digital display
- Automatic by-pass valve
- Hotgas-bypass
- Harting plug
- Pressure gauge
- 2-stage level switch
- Built-in pump (see pump characteristics)
- Temperature constancy $\pm 0,5$ K
- Housing powder-coated, colour RAL 7032 (pebble grey)
- Water flow switch
- Air filter copper/aluminium



ProfiCool *Modulus* PCMO 90

Model ProfiCool <i>Modulus</i>	PCMO 90	PCMO 110
Net cooling capacity at +20/+15°C	kW : 9.0 / 7.8	11.0 / 9.6
Eff. cooling capacity at +20/+15°C	kW : 8.4 / 7.3	10.3 / 9.0
Operating range *	°C : +15 / +30	+15 / +30
Temperature constancy	K : ± 0.5	± 0.5
Rated coolant flow	m ³ /h : 2.1	2.4
Pump	type : P4-GA14M	P4-GA14M
Pump pressure **	bar : 6.5	6.5
Tank capacity	litres : 40	40
Water connection	Inch : G 3/4" Female	G 3/4" Female
Required flow of cooling air	m ³ /h : 3,800	3,800
Starting current	Amps : 45	49
Power input max.	kW : 5.8	5.8
Operating voltage	Volts/Hz/Phase : 380-415/50/3	380-415/50/3
	440-460/60/3	440-460/60/3
Weight	kgs : 160	190
Dimensions WxDxH	mm : 560x800x1400	560x800x1400
Refrigerant	CFC-free : R404A	R404A

* Set temperatures $< +15^{\circ}\text{C}$ and $> +30^{\circ}\text{C}$ on request.

** Pressure at rated coolant flow.

ProfiCool *Modulus* + Accessories:

Cat. No.

ProfiCool <i>Modulus</i> PCMO 90.03-NEM	GUPCMO0090.03-NEM
ProfiCool <i>Modulus</i> PCMO 110.03-NEM	GUPCMO0110.03-NEM
RS 485 interface	YPCMO2-019-0110
Continuous-flow system without tank and/or without pump	on request
Enhancement working range to +5°C	MPCMO7-006-0110
Temperature constancy up to $\pm 0,1$ K	ZPCMO9-067-0110
Export version with special voltages / frequencies	on request

Additional options and accessories as well as pump alternatives on request

