

### 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

Model ProfiCool <i>Modulus</i>	PCMO 40	PCMO 50
Net cooling capacity at +20/+15°C	kW : 4.0 / 3.5	5.0 / 4.4
Eff. cooling capacity at +20/+15°C	kW : 3.7 / 3.2	4.7 / 4.1
Operating range *	°C : +15 / +30	+15 / +30
Temperature constancy	K : $\pm 0.5$	$\pm 0.5$
Rated coolant flow	m <sup>3</sup> /h : 0.9	1.2
Pump	type : P4-GA14M	P4-GA14M
Pump pressure **	bar : 2.5	3.0
Tank capacity	litres : 20	20
Water connection	Inch : G 1/2" Female	G 3/4" Female
Required flow of cooling air	m <sup>3</sup> /h : 1,100	2,000
Power input max.	kW : 2.1	2.5
Operating voltage	Volts/Hz/Phase : 380-415/50/3	380-415/50/3
	440-460/60/3	440-460/60/3
Weight	kgs : 95	100
Dimensions WxDxH	mm : 510x600x1200	510x600x1200
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* PCMO 65

### ProfiCool *Modulus* + Accessories:

### Cat. No.

ProfiCool Modulus PCMO 40.03-NEM	GUPCMO0040.03-NEM
ProfiCool Modulus PCMO 50.03-NEM	GUPCMO0050.03-NEM
RS 485 interface	YPCMO2-019-0050
Continuous-flow system without tank and/or without pump	on request
Enhancement working range to +5°C	MPCMO7-006-0050
Temperature constancy up to $\pm 0,1$ K	ZPCMO9-067-0050
Export version with special voltages / frequencies	on request

Additional options and accessories as well as pump alternatives on request

