

### 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 450
Net cooling capacity at +20/+15°C	kW : 40.0 / 34.8
Eff. cooling capacity at +20/+15°C	kW : 37.2 / 32.4
Operating range *	°C : +15 / +30
Temperature constancy	K : $\pm 0.5$
Rated coolant flow	m <sup>3</sup> /h : 6.0
Pump pressure **	bar : 5.0
Tank capacity	litres : 180
Water connection	Inch : R 1 1/4" Female
Required flow of cooling air	m <sup>3</sup> /h : 13,000
Power input max.	kW : 13.5
Operating voltage	Volts/Hz/Phase : 380-415/50/3 440-460/60/3
Weight	kgs : 390
Dimensions WxDxH	mm : 1600x810x1850
Refrigerant	CFC-free : R407C

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

\*\* Pressure at rated coolant flow.

### ProfiCool *Modulus* + Accessories: Cat. No.

ProfiCool Modulus PCMO 450.01-NEM	GUPCMO0450.01-NEM
RS 485 interface	YPCMO2-019-0450
Continuous-flow system without tank and/or without pump	on request
Enhancement working range to +5°C	MPCMO7-006-0450
Temperature constancy up to $\pm 0,1$ K	ZPCMO9-067-0450
Export version with special voltages / frequencies	on request

Additional options and accessories as well as pump alternatives on request