

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 150	PCMO 200	PCMO 250
Net cooling capacity at +20/+15°C	kW : 15.0 / 13.1	20.0 / 17.5	25.0 / 21.8
Eff. cooling capacity at +20/+15°C	kW : 14.0 / 12.2	18.6 / 16.2	23.3 / 20.3
Operating range *	°C : +15 / +30	+15 / +30	+15 / +30
Temperature constancy	K : ± 0.5	± 0.5	± 0.5
Rated coolant flow	m ³ /h : 2.4	3.0	-
Tank capacity	litres : 100	100	-
Water connection	Inch : G 1" Female	G 1¼" Female	G 1¼" Female
Required flow of cooling air	m ³ /h : 6,500	6,500	-
Power input max.	kW : 6.5	7.0	-
Operating voltage	Volts/Hz/Phase : 380-415/50/3	380-415/50/3	380-415/50/3
	440-460/60/3	440-460/60/3	440-460/60/3
Weight	kgs : 295	310	-
Dimensions WxDxH	mm : 760x810x1850	760x810x1850	-
Refrigerant	CFC-free : R407C	R407C	R407C

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

** Pressure at rated coolant flow.



ProfiCool *Modulus* PCMO 90

ProfiCool *Modulus* + Accessories:

Cat. No.

ProfiCool Modulus PCMO 150.01-NEM	GUPCMO0150.01-NEM
ProfiCool Modulus PCMO 200.01-NEM	GUPCMO0200.01-NEM
ProfiCool Modulus PCMO 250.01-NEM	GUPCMO0250.01-NEM
RS 485 interface	YPCMO2-019-0250
Continuous-flow system without tank and/or without pump	on request
Enhancement working range to $+5^{\circ}\text{C}$	MPCMO7-006-0250
Temperature constancy up to $\pm 0,1$ K	ZPCMO9-067-0250
Export version with special voltages / frequencies	on request
Additional options and accessories as well as pump alternatives on request	

