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JULABO USA, Inc.
www.julabo.com

F32-MC Refrigerated/Heating Circulator

Refrigerated/Heating Circulator for internal and external temperature applications

JULABO Refrigerated & Heating Circulators for heating and cooling are suitable for external temperature tasks and for temperature applications directly in the bath. A model from three different series' with different capacities can be selected. Powerful circulating pump systems and high heating and cooling capacities guarantee short heat-up and cool-down times. The inevitable dust accumulation that occurs in refrigeration systems is solved by means of an easily removed venting grill, which allows for easy cleaning. Depending on the model, the units are equipped with handles or castors for an easy transportation. All models have a drain tap on the front allowing the fluid to be drained easily. The compact assembly of each unit enables a space to be saved in the laboratory.



Features

- o MULTI-DISPLAY (LED) for actual and setpoint values, warning/safety functions and pump stage
- o Keypad for setpoints, warning/safety values and menu functions
- o PID2 temperature control with drift compensation
- o ATC3 3-Point-Calibration
- o Early warning system for low liquid level (DBGM 203 06 059.8)
- o Adjustable high temperature cut-out, visible via display
- o RS232 interface for online communication
- o PPC (Pump Pressure Control), electronically adjustable pump capacity
- o Active Cooling Control

Model: F32-MC

Order No.		9150632			
Working temp. range	°C	-35 ... 200			
Temperature controller		PID			
Temperature stability	± °C	0.02			
Display		LED			
Display resolution	°C	0.1			
Integrated Programmer		no			
Heater capacity	W	2000			
Cooling capacity	°C	20	0	-20	-30
	W	450	390	150	50
Refrigerant		R134a			
Pump					
Pressure pump capacity	psi	6,4			
	lpm	11-16			
Pump adapters		M10 x 1			
Electrical connections					
Digital interfaces		RS232	RS485	PROFIBUS	
		X	-	-	
General information					
Bath opening W x L	Inches	7,1 x 4,7			

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Bath depth	Inches	5,9
Filling volume	Liters	8
Dimensions (W x L x H)	Inches	12,2 x 16,5 x 25,2
Weight	lbs	82
Ambient temperature	°C	5...40
Mains power (±10%)	V/Hz	230V / 50Hz or 115V / 60Hz or 100V / 50-60Hz
Power/current consumption		n/a
Classification according to DIN 12876-1		3 (FL)

Miscellaneous

Removable venting grid for convenient cleaning to maintain cooling performance.

Data determined at a mains voltage of 230V / 50Hz [Volt/Hz] and ambient temperature of 20 °C.
Technical changes without prior notification reserved. Pictures may differ from original.

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