

# ROTOTERM MR-B & MR-B/T

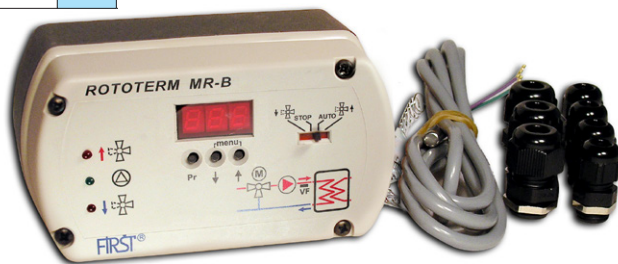
FIRST HEATING CONTROLLERS

for regulating domestic hot water in boiler or swimming pools

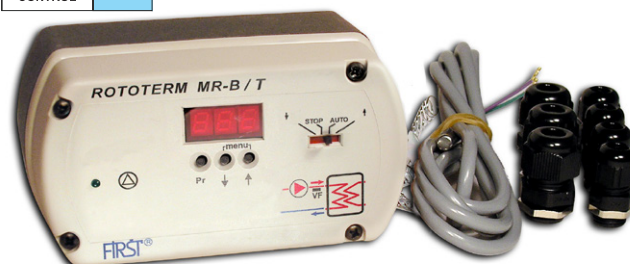
FIRST®



## ROTOTERM MR-B



## ROTOTERM MR-B/T



FIRST ROTOTERM MR-B is designed to regulate constant temperature of domestic hot water in boiler or swimming pools.

- Output for controlling motor actuator for mixing valves (series MV 120, EMV 110 S9000) and circulation pump.
- Selector switch for choosing the operation (manual, auto), and to assist installer on start-up and technician during service.

### OPERATION

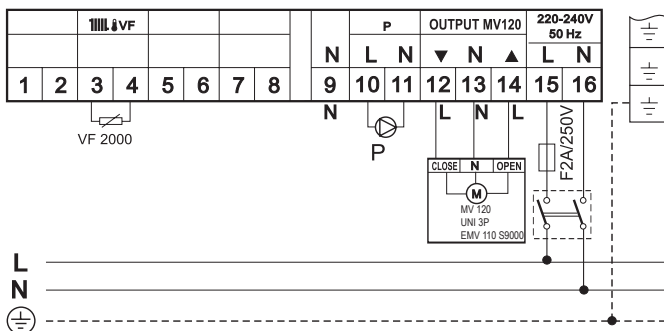
ROTOTERM MR-B is designed to regulate constant temperature of domestic hot water in boiler or swimming pools. The controller is 3-point (PID) temperature controller of heating water.

The controller is built in microprocessor technology and meets the latest quality standards. It offers a wide variety of programming options, allowing optimal controller settings for the selected object.

### TECHNICAL DATA: HEATING CONTROLLER MR-B

Control :	3-point (PID)
Supply voltage:	230VAC, 50Hz
Power consumption:	max.4VA
Output relay rating:	1(1)A, 230VAC, 50Hz
Temperature setting range:	0..90°C
Temperature measuring range:	-40°C..+160°C
Stationary area adjustment:	1..15°C
Reaction factor adjustment:	0,5..15
Circulation pump switching-off adjustment:	0..90°C
Sensor type:	KTY 81-210
Kit weight:	0,5kg

### CODE AND ELECTRICAL CONNECTION MR-B



FIRST ROTOTERM MR-B/T is designed to regulate the temperature of domestic hot water in boiler or swimming pools.

- Output for controlling heat source or circulation pump.
- Selector switch for choosing the operation (manual, auto), and to assist installer on start-up and technician during service.

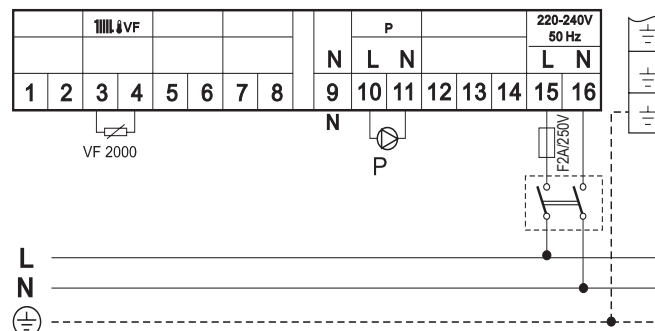
### OPERATION

ROTOTERM MR-B/T is designed to regulate the temperature of domestic hot water in boiler or swimming pools. Regulator acts as a thermostat with adjustable temperature difference.

### TECHNICAL DATA: HEATING CONTROLLER MR-B/T

Control:	2-point (P)
Supply voltage:	230VAC, 50Hz
Power consumption:	max.4VA
Output relay rating:	1(1)A, 230VAC, 50Hz
Temperature setting range:	0..90°C
Temperature measuring range:	-40°C..+160°C
Hysteresis width adjustment:	1..15°C
Sensor type:	KTY 81-210
Kit weight :	0,5kg

### CODE AND ELECTRICAL CONNECTION MR-B/T



Code	Type	Description
21133	ROTOTERM MR-B(VF)	Heating controller MR-B, 1 sensor, mounting kit
21134	ROTOTERM MR-B/T(VF)	Heating controller MR-B/T, 1 sensor, mounting kit

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