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SERIES CRA122
Setpoint Temperature Controller



NO.1 IN HYDRONIC SYSTEM CONTROL

Mtrl.nr: 98140911 • Ritn.nr: 8412 utg. A • Rev. 1505

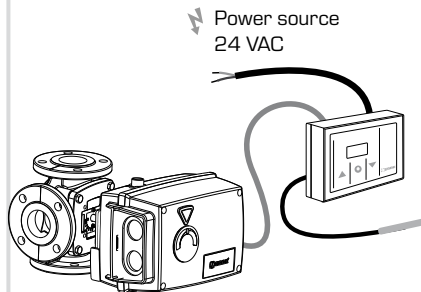
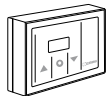
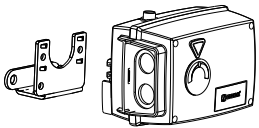


CRA122 Package Contents

1

2

3



Series CRA122

CE
LVD 2006/95/EC
EMC 2004/108/EC
RoHS 2002/95/EEC

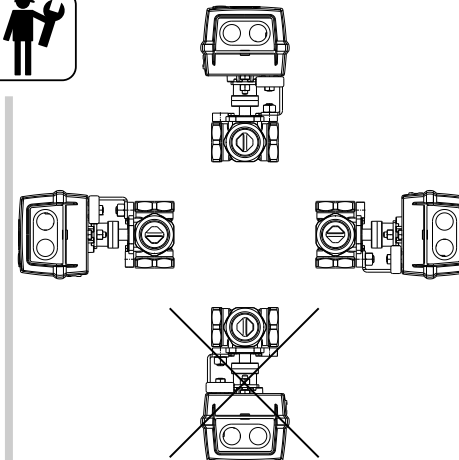
Ambient temp:	23°F to 131°F (-5°C to 55°C)
Flow temp. range:	4°F to 200°F (5°C to 95°C)
Power supply:	24 ± 10%, 60 Hz
Power consumption:	3VA
Max run time at max speed:	120 seconds
Weight:	2 lbs (0,9 kg)



VRG valves + Mounting Kit
(ordered separately
code NO: 193B1616)

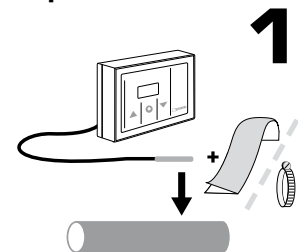
1

Assembly Orientation

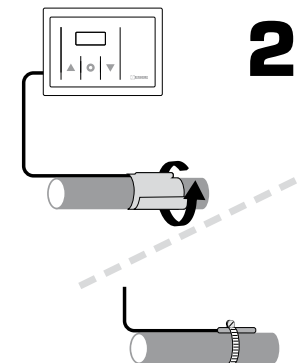


2

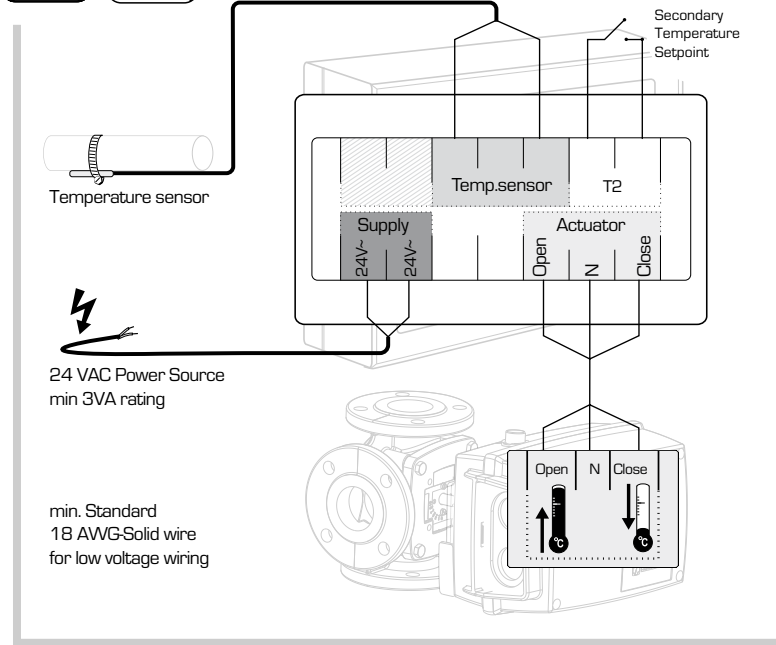
Temperature Sensor Installation



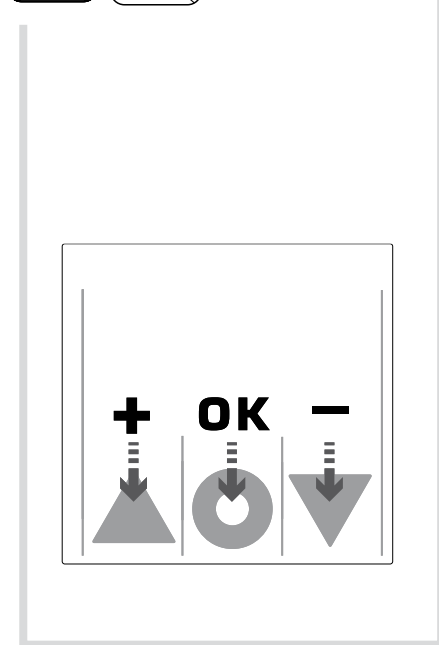
Wrap the sensor



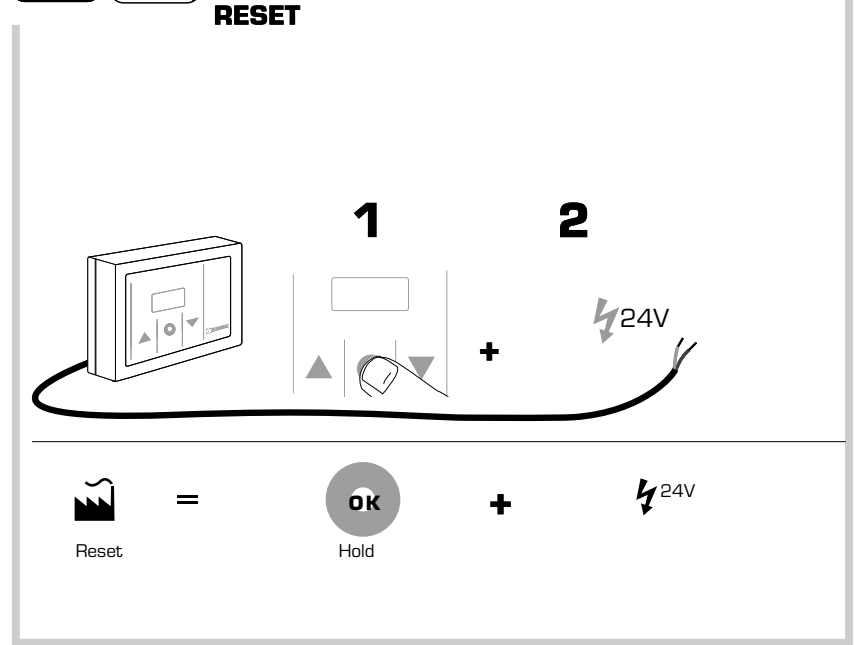
3 Wiring



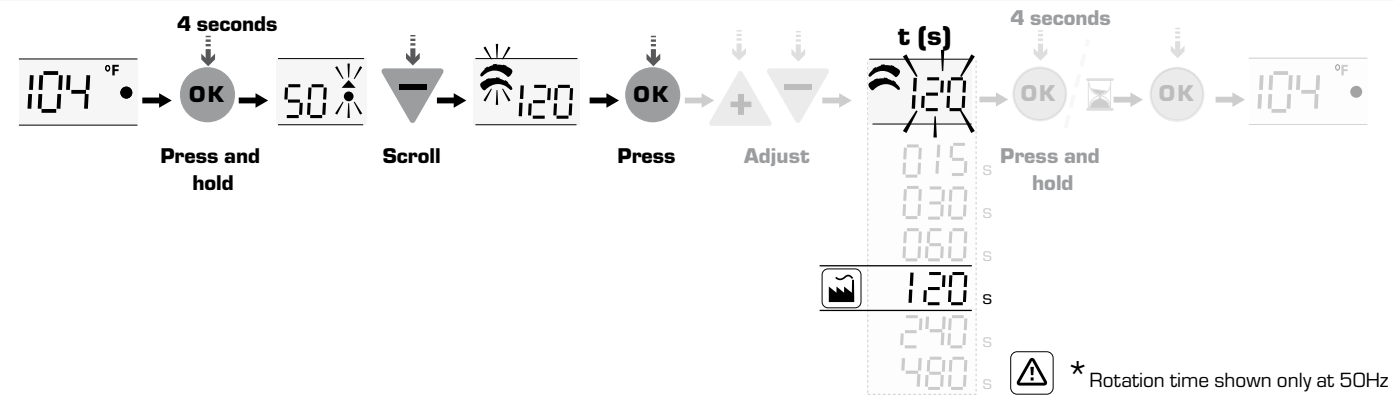
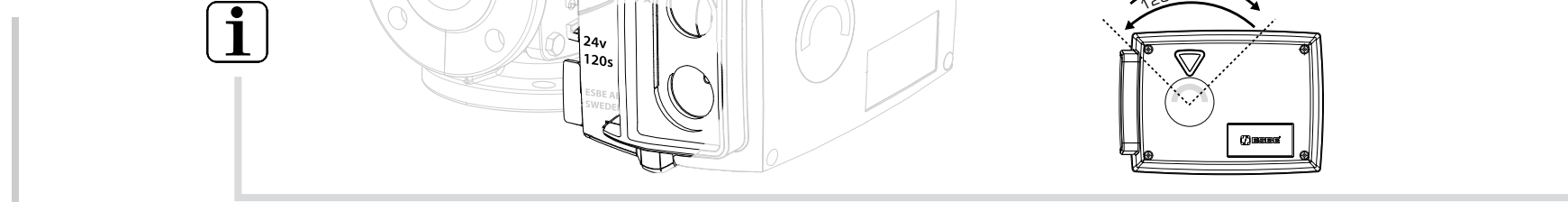
4 Selection Buttons



Factory Reset

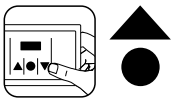


Setting Rotation Time



24VAC	
* at 50Hz	at 60Hz
15 sec	12 sec
30 sec	25 sec
60 sec	50 sec
120 sec	100 sec
240 sec	200 sec
480 sec	398 sec

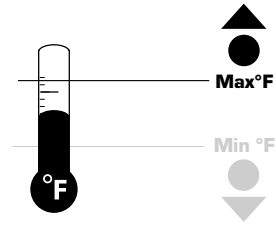
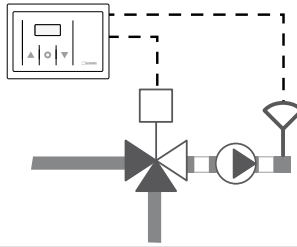
* Rotation time shown only at 50Hz



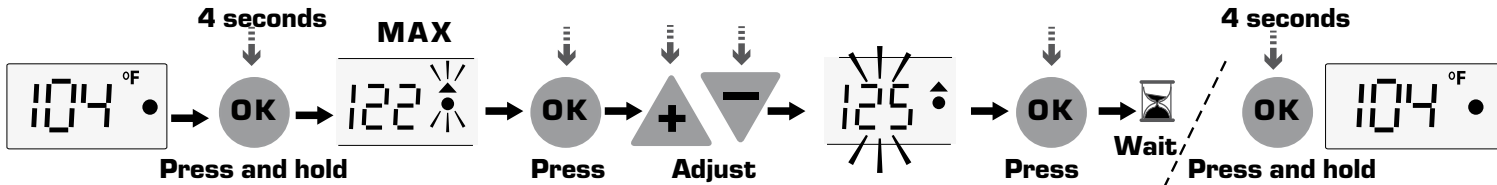
Maximum Temperature Limitation



▲ = MAX °F



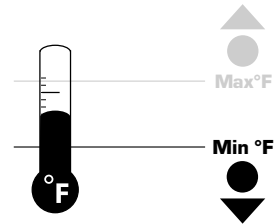
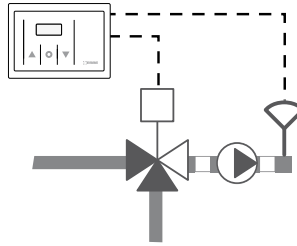
Default: 120°F (49°C)
Maximum temperature
Setting: 200°F (95°C)



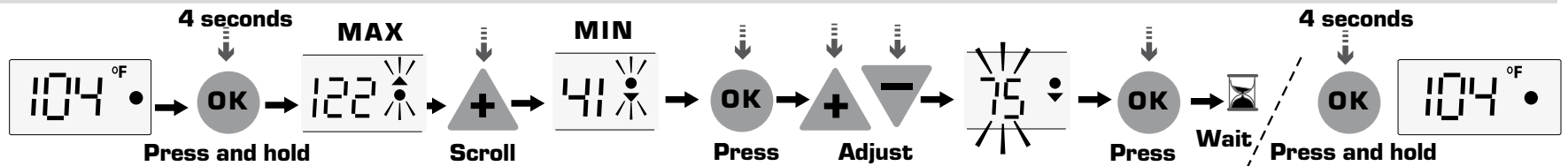
Minimum Temperature Limitation



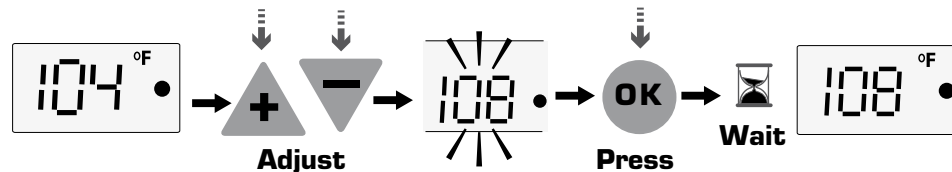
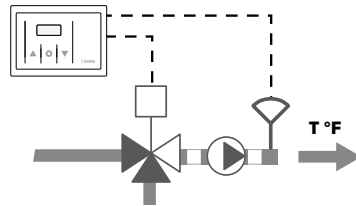
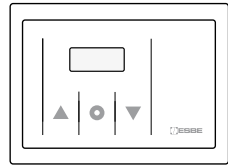
▼ = MIN °F



Default: 41°F (5°C)
Minimum temperature
Setting: 41°F (5°C)

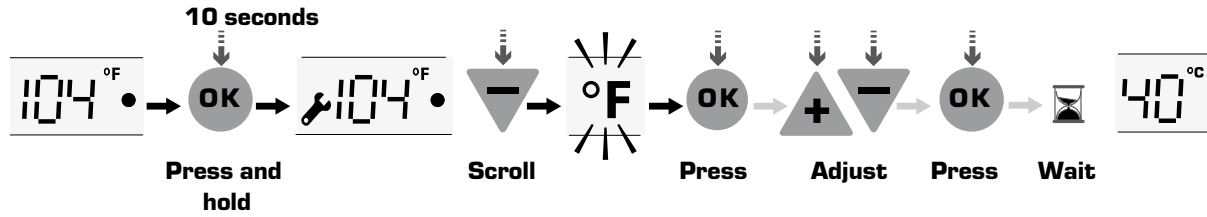


Changing of Setpoint

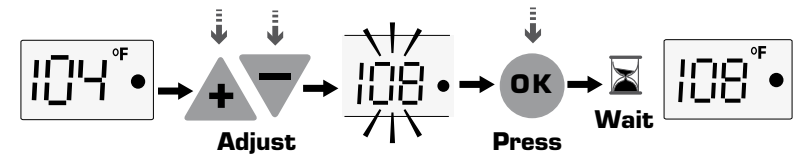
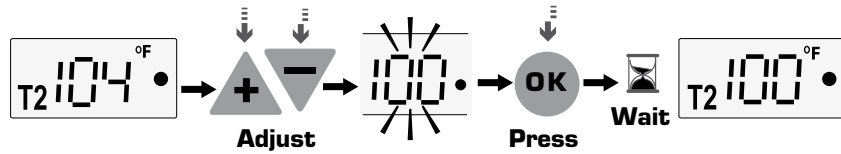




°F / °C Temperature Unit Display



T2, Secondary Temperature Setpoint



Actuator Rotation Adjustment

if actuator rotation requires more than or less than 90° actuator rotation

