



**PUMP SETTINGS**

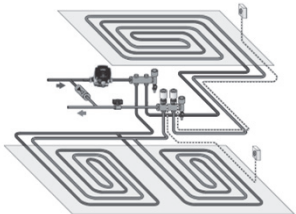
	OPERATING PANEL	CONTROL MODE	
0	● ● ● ● ●	PROPORTIONAL PRESSURE AUTO ADAPT	
1	● ● ● ● ●	CONSTANT PRESSURE AUTO ADAPT	
2	● ● ● ● ●	PROPORTIONAL PRESSURE 1	
3	● ● ● ● ●	PROPORTIONAL PRESSURE 2	
4	● ● ● ● ●	PROPORTIONAL PRESSURE 3 - MAX	
5	● ● ● ● ●	CONSTANT PRESSURE 1	
6	● ● ● ● ●	CONSTANT PRESSURE 2	
7	● ● ● ● ●	CONSTANT PRESSURE 3 - MAX	
8	● ● ● ● ●	CONSTANT CURVE 1	
9	● ● ● ● ●	CONSTANT CURVE 2	
10	● ● ● ● ●	CONSTANT CURVE 3 - MAX	



**Underfloor heating**



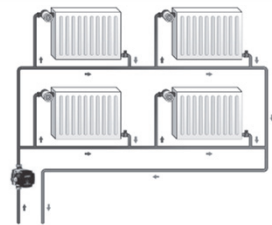
RECOMMENDATION	SETTING INDICATION												
Lowest constant pressure curve or Constant Pressure Auto Adapt	<table border="1"> <tr><td>● ● ● ● ●</td><td>CONSTANT PRESSURE AUTO ADAPT</td><td></td></tr> <tr><td>● ● ● ● ●</td><td>CONSTANT PRESSURE 1</td><td></td></tr> <tr><td>● ● ● ● ●</td><td>CONSTANT PRESSURE 2</td><td></td></tr> <tr><td>● ● ● ● ●</td><td>CONSTANT PRESSURE 3 - MAX</td><td></td></tr> </table>	● ● ● ● ●	CONSTANT PRESSURE AUTO ADAPT		● ● ● ● ●	CONSTANT PRESSURE 1		● ● ● ● ●	CONSTANT PRESSURE 2		● ● ● ● ●	CONSTANT PRESSURE 3 - MAX	
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● ● ● ● ●	CONSTANT PRESSURE 3 - MAX												



**Radiator heating, one-pipe system**



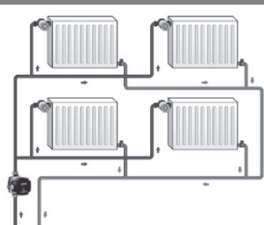
RECOMMENDATION	SETTING INDICATION									
Lowest relative pressure curve	<table border="1"> <tr><td>● ● ● ● ●</td><td>PROPORTIONAL PRESSURE 1</td><td></td></tr> <tr><td>● ● ● ● ●</td><td>PROPORTIONAL PRESSURE 2</td><td></td></tr> <tr><td>● ● ● ● ●</td><td>PROPORTIONAL PRESSURE 3 - MAX</td><td></td></tr> </table>	● ● ● ● ●	PROPORTIONAL PRESSURE 1		● ● ● ● ●	PROPORTIONAL PRESSURE 2		● ● ● ● ●	PROPORTIONAL PRESSURE 3 - MAX	
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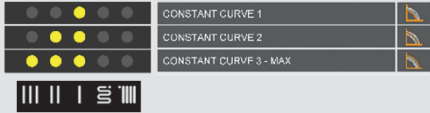
**Radiator heating, two-pipe system**







RECOMMENDATION	SETTING INDICATION												
Highest relative pressure curve or Relative pressure Auto Adapt	<table border="1"> <tr><td>● ● ● ● ●</td><td>PROPORTIONAL PRESSURE AUTO ADAPT</td><td></td></tr> <tr><td>● ● ● ● ●</td><td>PROPORTIONAL PRESSURE 1</td><td></td></tr> <tr><td>● ● ● ● ●</td><td>PROPORTIONAL PRESSURE 2</td><td></td></tr> <tr><td>● ● ● ● ●</td><td>PROPORTIONAL PRESSURE 3 - MAX</td><td></td></tr> </table>	● ● ● ● ●	PROPORTIONAL PRESSURE AUTO ADAPT		● ● ● ● ●	PROPORTIONAL PRESSURE 1		● ● ● ● ●	PROPORTIONAL PRESSURE 2		● ● ● ● ●	PROPORTIONAL PRESSURE 3 - MAX	
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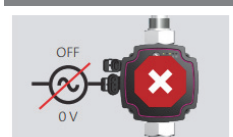

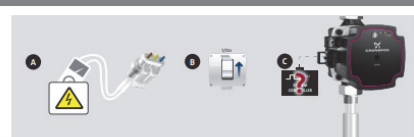
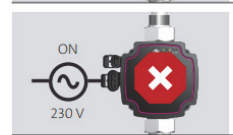

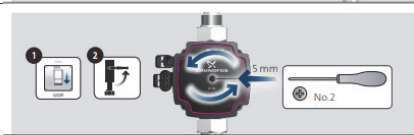
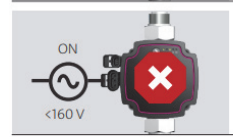


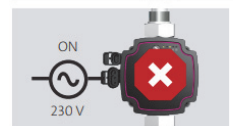

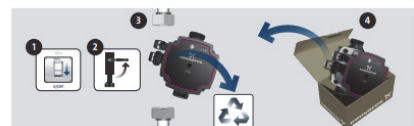


## Constant curves for fixed rotation speed

RECOMMENDATION	SETTING INDICATION
<p>We recommend you use heating system specific energy optimised pump functions. Please see instructions on page 1.</p>	

## TROUBLESHOOTING

ALARM STATUS	FAULT
	BLOCKED
	LOW VOLTAGE
	ELECTRICAL ERROR
	

FAULT	DISPLAY	SOLUTION	
			<p><b>Pump does not function, no power.</b> Check that:  <b>A</b> the power plug is plugged in,  <b>B</b> the switch is turned on.</p>
			<p><b>1. The LED is lit – An axle or impeller is stuck.</b> To release the axle/impeller, press on the screw in front of the pump and turn it using a screw driver.</p>
			<p><b>2. The LED is lit – Supply voltage too low</b>  Check the supply voltage.</p>
			<p><b>3. The LED is lit – Supply voltage too low, severe malfunction</b>  Check the supply voltage. Replace the pump.</p>