

<p>SINGLE BOILER</p> <p><i>Secondary networks with existing regulation communicating by LPB bus or 0...10V</i></p>	<p>Diagram VX111 page 1 / 3</p>
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A. HYDRAULIC DIAGRAM

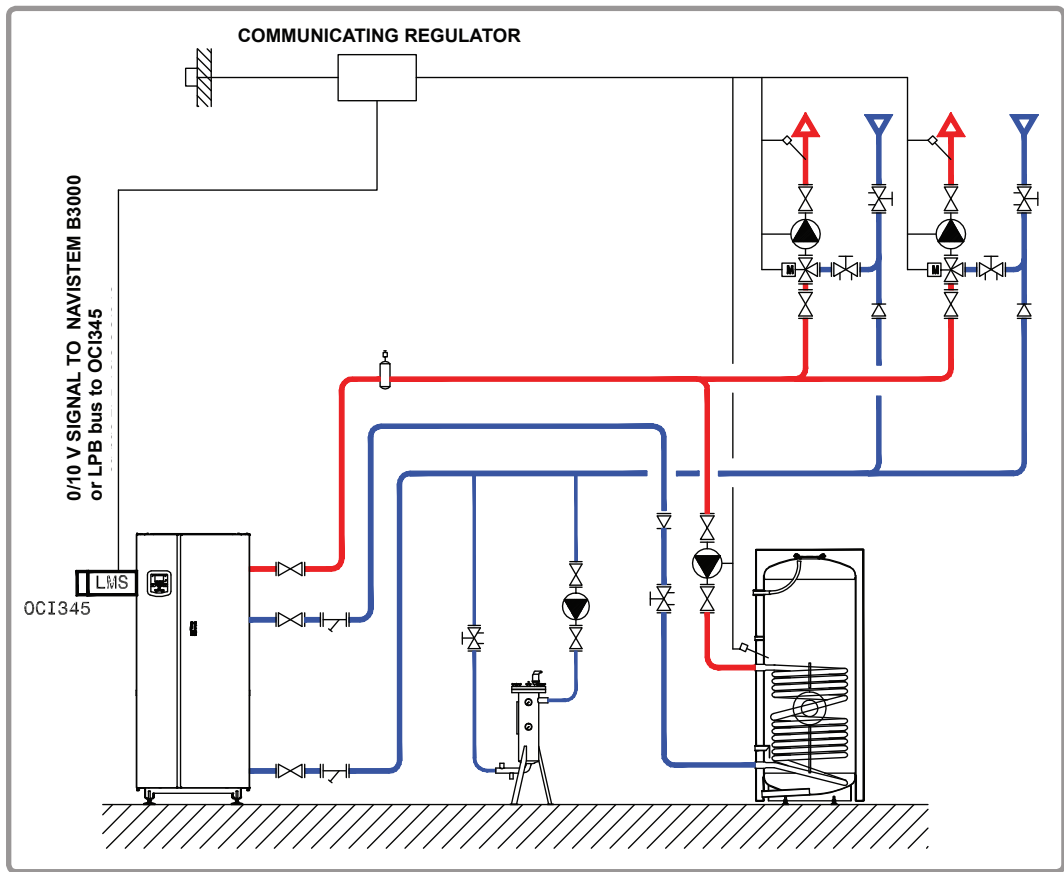


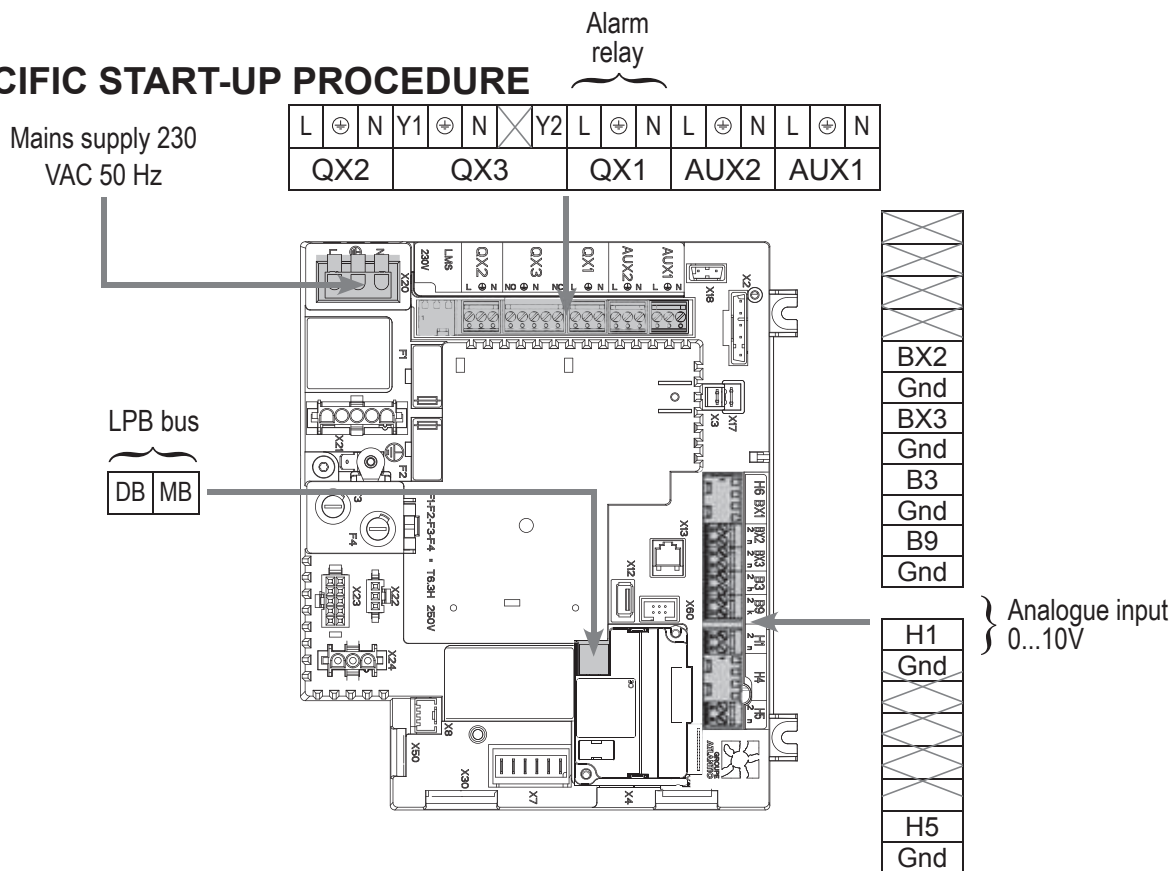
figure 53 - Diagram VX111

B. NECESSARY ADJUSTMENT ACCESSORY

	Quantity	Appliance reference	Order No.
Communication kit for LPB bus	1	OCI 345	059572

C. CUSTOMER ELECTRICAL CONNECTION

D. SPECIFIC START-UP PROCEDURE



- ☞ Fit the accessories and make their electrical connections.
- ☞ Start up the boiler alone.
- ☞ Make the following settings:

- **Time and date menu**

- Set the time
- Set the date
- Set the year

Line No.	Value
Time / minute (1)	HH.MM
Day / month (2)	DD.MM
Year (3)	YYYY

For a demand via input 0...10V

- **Configuration menu**

- Configure input H1

Input function H1 (5950)	Demand from circulation circuit 1 10V
Voltage value 1 H1 (5953)	0.0
Function value H1 (5954)	0
Voltage value 2 H1 (5955)	10.0
Function value 2 H1 (5956)	1000 (for 10 V = 100 °C equivalence)

	<i>Line No.</i>	<i>Value</i>
<i>For a demand via LPB (LPB network menu)</i>		
• <i>LPB network</i> menu		
Check that the boiler has been defined as the master generator	Appliance address (6600)	1
	Segment address (6601)	0
	Bus supply function (6604)	Automatic
	Clock function (6640)	Slave with adjustment

E. ELECTRICAL AND HYDRAULIC VALIDATION

<i>For a demand via input 0...10V</i>		
• <i>Input/output test</i> menu		
Voltage in H1	Voltage signal H1 (7840)	To validate with the voltage sent by the boiler room machine

For a demand via LPB

If the boiler room regulator is configured as the master clock, the boiler command table must recover the date and time.

In both cases

• <i>Configuration</i> menu		
Check the hydraulic diagram	Generator 1 check (6212)	14
	Generator 2 check (6213)	0
	Information on DHW (6215)	0
	Information on heating circuits 3, 2 and 1 (6217)	0

F. OPTIMISATION OF SETTINGS

Maintenance optimisation:

It is possible to generate a maintenance message without harming the boiler. This maintenance message may appear when the 3 following meters have elapsed:

- Time since last maintenance (or commissioning): set parameter 7044 to 12 months
- Operating hours of the burner (parameter 7040)
- Number of start-ups (parameter 7042)

The last 2 parameters depend on the boiler room's hydraulic installation. It is recommended to use at least parameter 7044 for yearly maintenance.