

Note: Shielded cable for eBUS must be used when running parallel to 230V~

Single Phase Cable

eBus Cable

Sensor Cable

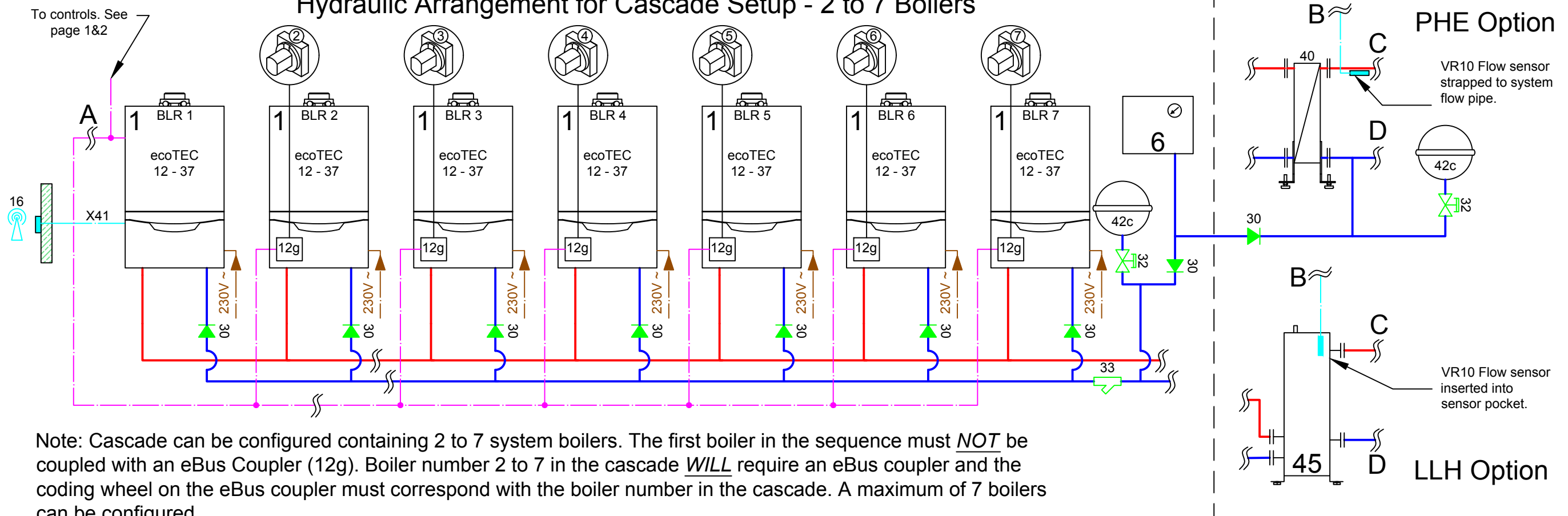
Low Voltage Cable

Dot over crossing cables indicates junction

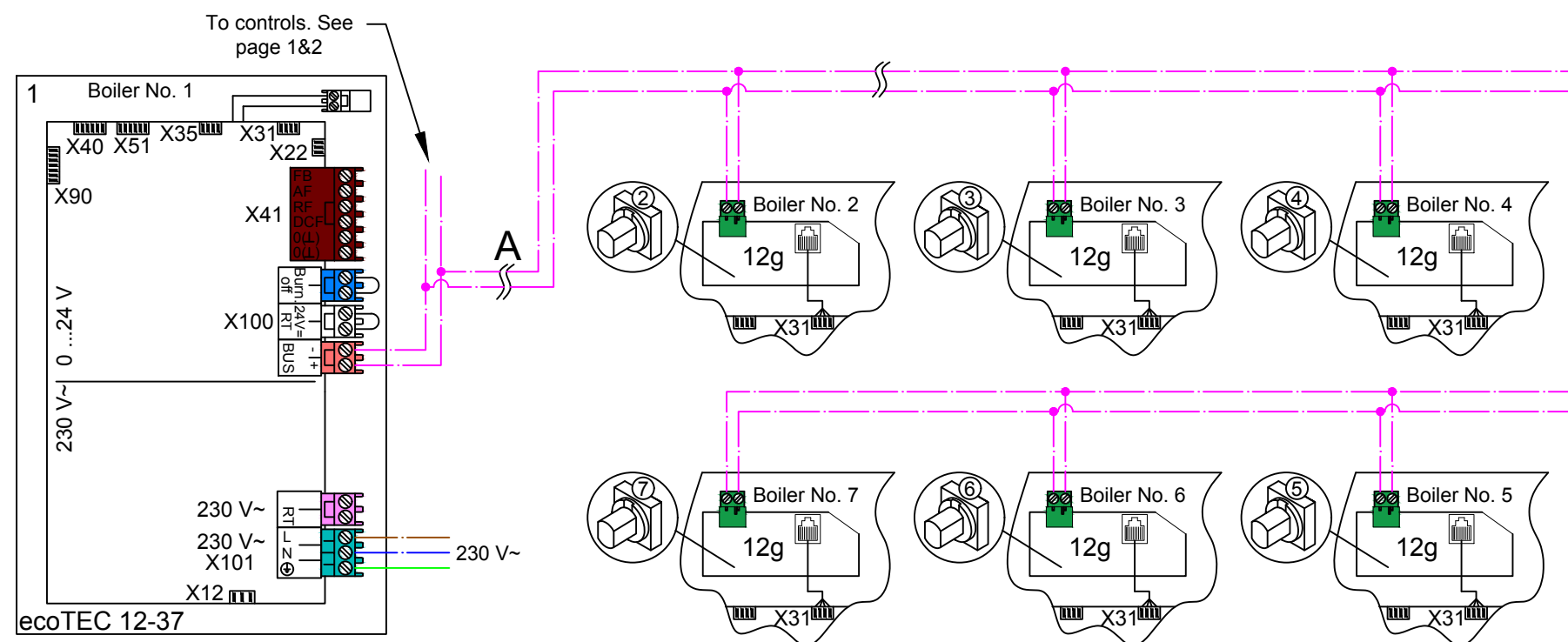
TITLE	
ecoTEC 12-37kW, Low Loss Header, DHW (Secondary Circulation), 1 UHF Zone (3rd Party), 2 Radiator Zones (Wired or Wireless VRC 700, VR91)	
DRG NO.	REVISION
539-VC70-SYS-DHW-1U-2R	-
DRAWN BY	DATE
ALEX WILLIS	24/07/2018
Installers Technical Helpline: 0344 693 3133	



## Hydraulic Arrangement for Cascade Setup - 2 to 7 Boilers



## Wiring Arrangement for Cascade Setup - 2 to 7 Boilers



Note: Under the System Configuration menu in the VRC 700 it is recommended to set the 'Actuation Reversal' setting to 'On'. This will ensure equal running hours for all boilers.

VRC 700 System Configuration Relevant Settings

Setting	Value
System	
Adaptive heat. curve	Yes
Configure heat. circ.	Zone2
System diagram configuration	
System diagram	2
Config.: VR71	3
MA VR71	Circ. pump
HEATING1	
Type of circuit	Heating
* Max limit outs.temp.	25 °C
Maximum temperature	45 °C
Auto Off mode	Eco
Room temp. mod.	None
HEATING2	
Type of circuit	Heating
* Max limit outs.temp.	25 °C
Maximum temperature	Property Dependent
Auto Off mode	Set-back
Room temp. mod.	Thermost.
HEATING3	
Type of circuit	Heating
* Max limit outs.temp.	25 °C
Maximum temperature	Property Dependent
Auto Off mode	Set-back
Room temp. mod.	Thermost.


Setting	Value
ZONE1	
Zone activated	Yes
Zone assignment	Without
ZONE2	
Zone activated	Yes
* Set-back temp. heat.	15 °C
Zone assignment	VRC700
ZONE3	
Zone activated	Yes
* Set-back temp. heat.	15 °C
Zone assignment	VR91 ad.1

- Note:**
- Settings with asterisk (\*) are recommendations and not necessarily vital to system operation.
  - Not all settings are displayed, commissioning of the controller should be done diligently; going through each adjustable option with consideration to the property and system configuration.

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