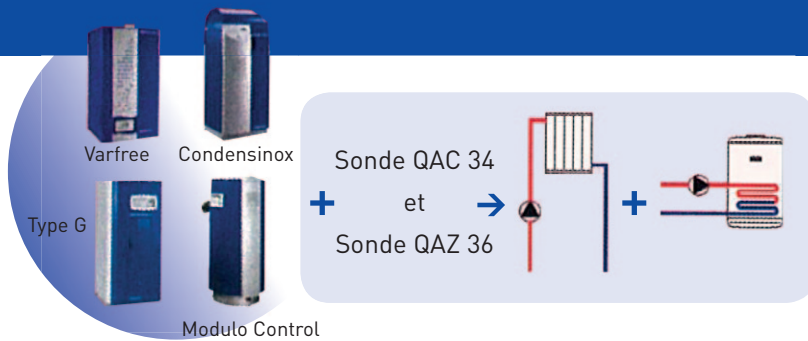


# Adjustment options

For the Varfree, Condensinox, Condensagas and Optimagas type G, Modulo Control



Basic, the LMU controller on the boiler makes it possible to manage a pump-controlled heating network (an optional QAC 34 external probe allowing to slide the temperature on the boiler, and allow for daily and weekly programming), as well as a sanitary hot water network with a spherical exchanger (ECS QAZ 36 probe optional).

## OPTIONS: CASCADE CONTROLLERS AND SECONDARY NETWORKS

### Description

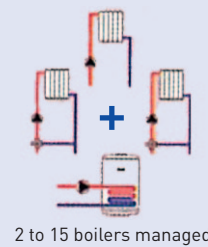
### Configuration possibilities

#### RVS 63 Kit (with additional mandatory interface: one OCI 420 per boiler)

This kit includes a RVS 63 regulator, a digital built-in interface in the front of the boiler, three QAD 36 probes, an external QAC 34 probe and wiring drawing mill of integration and the wiring integration.

- Cascade management for up to 15 boilers
- Management of a DHW pump network
- Management of two networks controlled by V3V, weekly programming
- Management of a direct network (on pump)
- 2 0-10 V inputs and 4 probe inputs
- 4 outputs, a 0-10 V output for controlling variable speed pumps

**Maximum of 1 RVS per boiler**



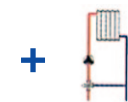
2 to 15 boilers managed

#### RVS 46 Kit (with additional mandatory interface: OCI 420) \*

This kit includes a RVS 46 regulator, a digital built-in interface in the front of the boiler, a QAD 36 network probe, an external QAC 34 probe and the wiring integration.

- Management of one network controlled by V3V, weekly programming

**Maximum of 1 RVS per boiler**



Management of a controlled heating network

#### Plug-in for RVS 46: AVS75

This kit is made up of the module, a QAD 36 network probe and wiring integration.

- Management of a VCV controlled network.

**ATTENTION: Only 1 AVS 75 can be added to 1 boiler provided with a RVS 46**



Management of a controlled heating network

#### AGU 2.500

This interface makes it possible to add the management of a V3V controlled (3 point) network or pump with weekly programming.

- The kit includes the AGU 2.500 interface, a QAD 36 network departure probe, an external QAC 34 probe and the wiring integration in the boiler's control panel.

**CAUTION: this interface is not usable within the framework of a cascade.**

A single AGU 2.500 can be connected to the boiler, the front-placing of it remains free to place 1 RVS 63 regulator or 1 RVS 46 regulator.



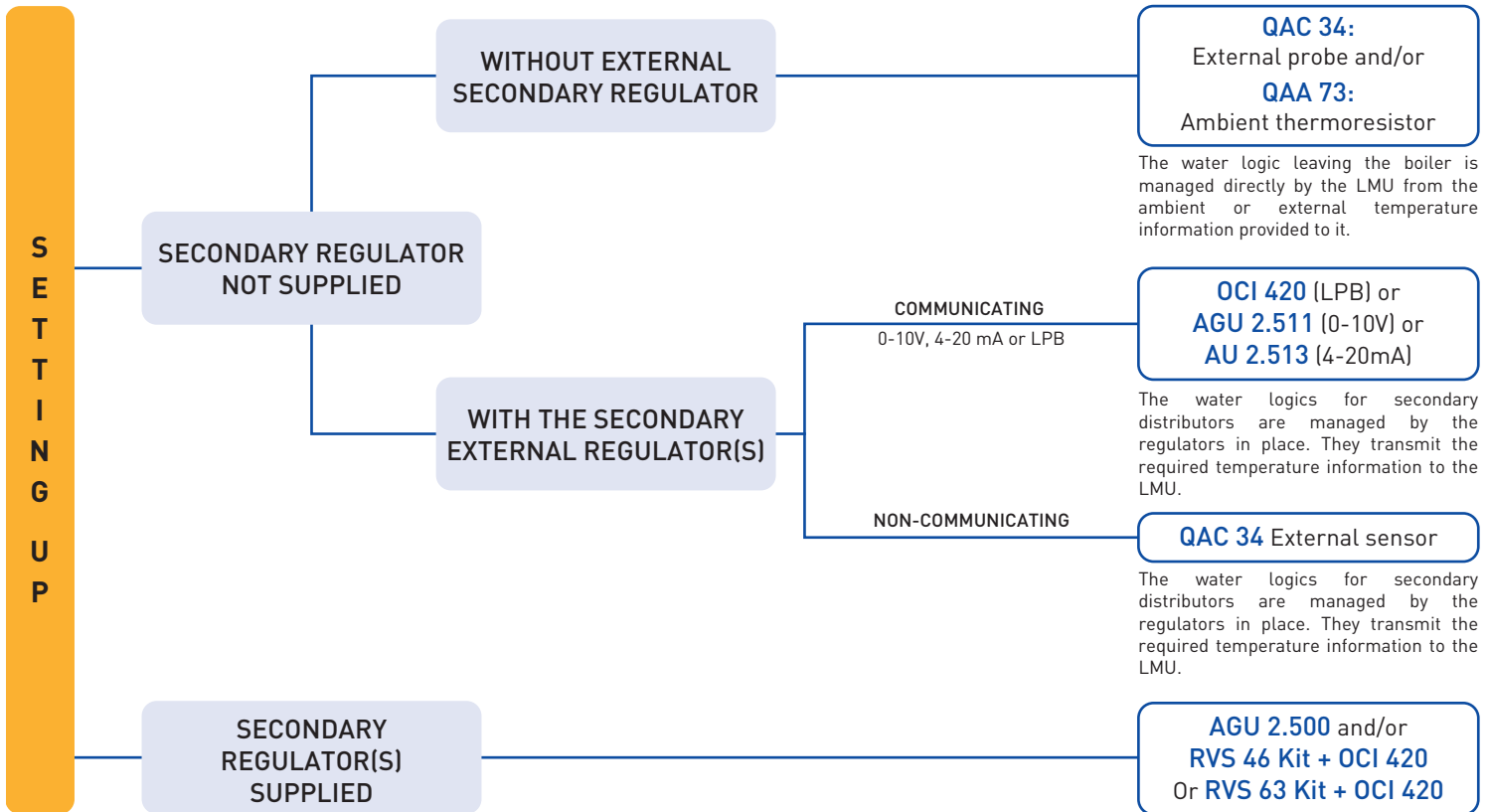
Management of a controlled heating network

## ACCESSORIES TO BE CONNECTED TO THE BOILER

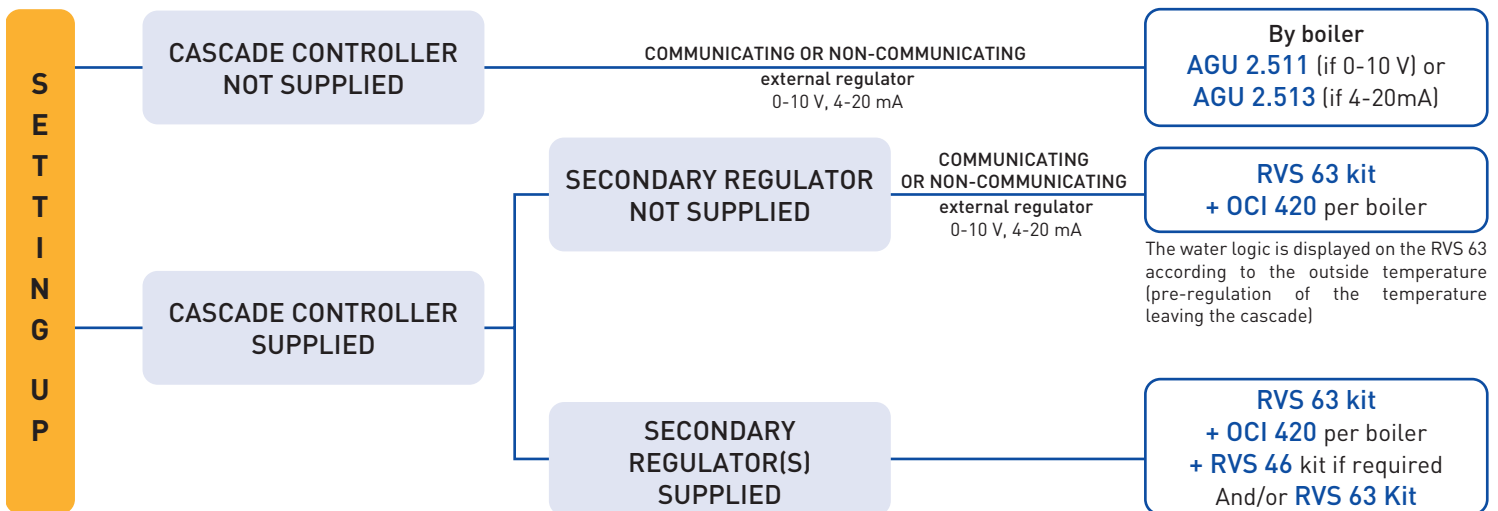
QAD 36	Applied probe on heating network
QAC 34	External probe for the boiler that allows for regulation of the temperature coming out of the boiler
QAZ 36	Probe with DHW cable
OCI 420	Communication interface making it possible to receive information coming from external regulators communicating by LPB bus, also consider where using a RVS 46 or RVS63 type regulator
AGU 2.511	0-10 V interface making it possible to receive instructions coming from external regulators communicating in 0-10 V
AGU 2.513	1-20mA which makes it possible to receive instructions coming from external regulators communicating in 4-20mA
AGU 2.515	Interface with two programmable relay exits
QAA 73	Ambient thermoresistor and remote control for boiler: it can only be used with external QAC 34 probe
QAA 75	Ambient thermoresistor and remote control for RVS regulator: it can only be used on its own
Radio Kit	Radio connection kit for external probe (1 antenna next to the boiler and a RF transmitter, next to the external probe) Requires an RVS regulator

\*Le RVS and the ARGU 2.500 does not control a return probe, it is necessary to take care to preserve a minimal return temperature of the boiler radiator of 45°C for Condensagas and Optimagas.

## INSTALLING A SINGLE BOILER



## INSTALLATION OF BOILER CASCADE



## EXAMPLES OF REGULATION APPLICATIONS

	Number of networks			Regulation module to anticipate			
	Pump networks	V3V networks	ECS pump networks	AGU 2.500	RVS 63	RVS 46	OCI 420
1 Boiler	1	1	1	1			
	1	2	1		1		1
	1	3	1	1	1		1
2 Boilers	1	2	1		1		2
	1	3	1		1	1	2
	1	4	1		2		2
3 Boilers	1	2	1		1		3
	1	3	1		1	1	3
	1	4	1		2		3
	1	5	1		2	1	3
4 Boilers	1	2	1		1		4
	1	3	1		1	1	4
	1	4	1		2		4
	1	4	1		2	1	4
	1	5	1		2	1	4