



## Portfolio

Controllers for pellet/biomass boilers





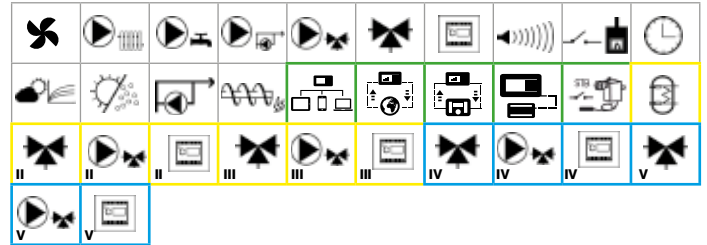
## ecoMAX 800R

DOUBLE-MODULE CONTROLLER FOR PELLET BOILERS

This controller has seven current outputs (230V) for peripheral devices, six analog inputs for connecting sensors, one input for NO/NC thermostats and one low voltage output (6V). The ecoMAX 800P can work together with additional devices such as: extension modules B and C, lambda probe, ecoNET 300 internet module or ecoSTER 200/ecoSTER TOUCH room thermostat. The controller's basic version consist of two pieces – control panel and electronic module which is designated to mount on DIN-Rail. The whole device has to be built into boiler housing.



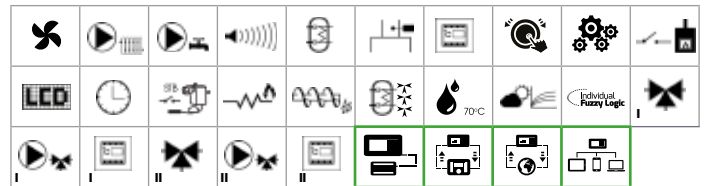
\* in development



## ecoMAX 350P/R

SIMPLE YET VERSATILE CONTROLLER FOR BOILERS

This controller has six current outputs (230V) for peripheral devices and six analog inputs for connecting sensors. The ecoMAX 350P can work together with additional devices such as: extension modules B and C, lambda probe, ecoNET 300 internet module or ecoSTER 200/ecoSTER TOUCH room thermostat.



  Additional option  
   Available with extension module B  
   Available with extension module C/MX.03



# Features table Products

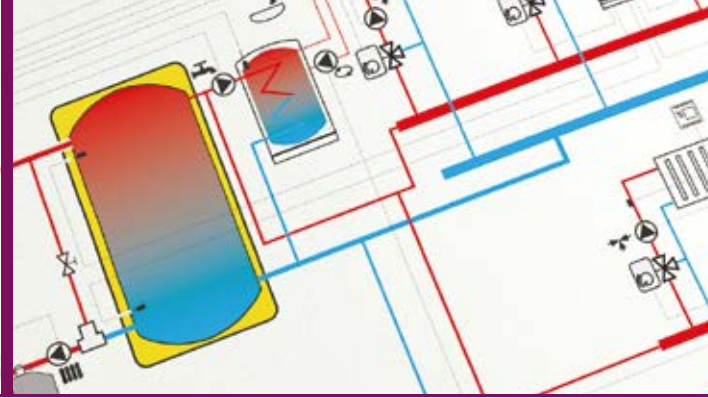
FOR PELLETT/BIO MASS BOILERS

	Accessories						
	ecoNET	Modules B and C	lambda probe	ecoTOUCH	ecoDRIVE	ecoSTER TOUCH	ecoSTER 200
<b>CONTROLLERS</b> ecoMAX 910 R	X	X			X	X	X
ecoMAX 920 P	X	X	X		X	X	X
ecoMAX 860 P	X	X	X		X	X	X
ecoMAX 850 P	X	X	X		X	X	X
ecoMAX 800 P	X	X	X		X	X	X
ecoMAX 800 R3		X			X		X
ecoMAX 350 P					X		X
ecoMAX 910 R TOUCH	X	X		X	X	X	X
ecoMAX 920 P TOUCH	X	X	X	X	X	X	X
ecoMAX 860 P TOUCH	X	X	X	X	X	X	X
ecoMAX 850 P TOUCH	X	X	X	X	X	X	X
ecoMAX 800 P TOUCH	X	X	X	X	X	X	X



# Touch Display Products

FOR PELLET/BIOMASS BOILERS



## ecoMAX 910 R TOUCH

NEW

CONTROLLER FOR AUTOMATIC BOILERS

The ecoMAX 910 is a single module controller with tilting display designed for boilers equipped with auger. This controller has ten 230V current outputs for connecting peripherals, eight analog inputs for temperature sensors, two room thermostats inputs as well as one 12V current output for control over reserve boiler, circulating pump, alarm signaling or circulation pump. The controller is equipped with STB safety temperature limiter and detects signals from door opening sensor for both storage tank and boiler doors.




## ecoMAX 920 P TOUCH

NEW

CONTROLLER FOR BOILERS

The ecoMAX 920 is a single module controller with tilting display designed for boilers equipped with igniter and sprout or retort feeders. This controller has twelve 230V current outputs for connecting peripherals, ten analog inputs for temperature sensors, one room thermostat input and also one 12V current output for control over reserve boiler and alarm signaling as well as one rotation sensor input. The controller is equipped with STB safety temperature limiter and detects signals from door opening sensor for both storage tank and boiler doors.




## ecoMAX 860P TOUCH

DOUBLE-MODULE CONTROLLER FOR AUTOMATIC PELLET BOILERS

This controller has twelve current outputs (230V) for peripheral devices, ten analog inputs for connecting sensors, two inputs for NO/NC thermostats, one low voltage output (12V) and one analog output 0...10 V. The ecoMAX 860P TOUCH can work together with additional devices such as: extension modules B and C, lambda probe, ecoNET 300 internet module or ecoSTER TOUCH room thermostat. The controller's basic version consist of two pieces – control panel and electronic module which is designated to mount on DIN-Rail. The whole device has to be built into boiler housing.



\* in development


## ecoMAX 850P/R TOUCH

DOUBLE-MODULE CONTROLLER FOR AUTOMATIC BOILERS

This controller has nine current outputs (230V) for peripheral devices, eight analog inputs for connecting sensors, two inputs for NO/NC thermostats and one low voltage output (12V). The ecoMAX 850P TOUCH can work together with additional devices such as: extension modules B and C, lambda probe, ecoNET 300 internet module or ecoSTER TOUCH room thermostat. The whole device has its own dedicated housing.



\* in development


## ecoMAX 800P/R TOUCH

DOUBLE-MODULE CONTROLLER FOR AUTOMATIC PELLET BOILERS

This controller has seven current outputs (230V) for peripheral devices, six analog inputs for connecting sensors, one input for NO/NC thermostats and one low voltage output (12V). The ecoMAX 800P TOUCH can work together with additional devices such as: extension modules B and C, lambda probe, ecoNET 300 internet module or ecoSTER TOUCH room thermostat. The controller's basic version consist of two pieces – control panel and electronic module which is designated to mount on DIN-Rail. The whole device has to be built into boiler housing.



\* in development

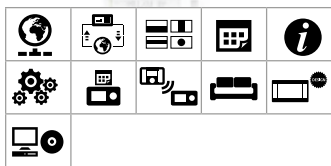

  Additional option    
   Available with extension module B    
   Available with extension module C/MX.03

# Accessories



## ecoNET INTERNET MODULE

This extension module enables control of boiler operation over PC and Internet. The user is thus able to adjust such parameters as temperature or pumps and mixers operation and also view controller's status. From the user point of view, clear and straightforward graphic visualization of operational history can vantage.



## ecoLAMBDA



This modern extension module for pellet boiler controllers is designed for measuring and regulation of oxygen content in exhaust gases. It is equipped with next generation communication interface for sending measurement results back to the controller. As a result the whole burning process is being effectively optimized.



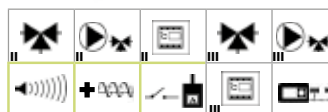
## ecoLINK CONNECTIVITY MODULE

The ecoLINK module ensures fast and reliable software update of a controller through PC on site, where such controller was installed. Both electronic modules and controller itself, as well as ecoSTER remote control panel have their own software which can be updated using ecoLINK module.



## Extension module B

This device has seven current outputs (230V) as well seven inputs for additional sensors. Depending on software, these outputs may serve for buffer or additional mixing circuits operation. Controller's relevant operation manual contain more detailed information.



## Extension module C

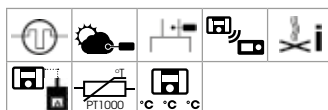
Modern electronic device allowing the control over two more mixing circuits.



## Sensors

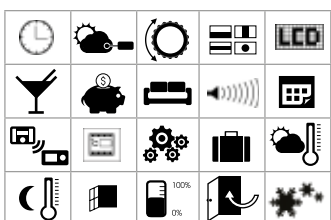
### TEMPERATURE SENSORS

- CT4 basic sensor
- CT4P weather sensor
- CT2 S fume sensor
- OCP2 optical sensor
- CT6-P sensor



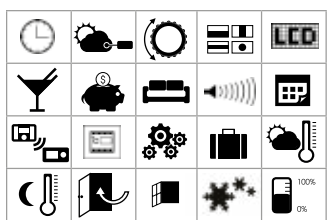
## ecoSTER 200 REMOTE CONTROL PANEL

This device is designated to use with ecoMAX series controllers. Thus the user can oversee boiler operation and adjust some parameters from different place (for example from his living room). The ecoSTER 200 is also equipped with room thermostat with a function of setting the temperature schedule. Visual and audible warnings enhances user's safety. It is also possible to connect two more temperature sensors for greater functionality.



## ecoSTER TOUCH REMOTE CONTROL PANEL WITH BUILT-IN ROOM THERMOSTAT

This device fulfill the role of an integrated remote control over entire heating installation. It gives the user the ability to oversee and adjust temperature as well other parameters of such devices as boilers, heat pumps and other components of heating installation.



\* in development

	Intelligent alarm		Anti-freezing		Buffer		Circulation		Fire sensor		Party mode		Feeder
	Weather sensor		Fumes sensor		Cleaning		Disinfection		Boiler switch		HWU Pump		Circulation pump
	Fan		Adjusted to regulator		ecoLAMBDA		ecoLINK		ecoNET		Easy to use		PT1000
	ecoSTER 200		Economical mode		Fuzzy logic		Schedules		Information		Weather control sensor		Additional thermal protection
	Intelligent menu		internet		Languages		Comfort mode		Complete casing		Operational mode		Firing-up
	Summer/Winter		Mixing valve		Fan power modulation		Modern design		Rotating menu		No fuel detection		Circulating pump
	Back flow protection		Vacation mode		ASH Cleaning		Combustion process optimisation		3 years memory of operational states		BUS PC connection		
	Pellet feeder		Pellet feeder I		Pellet feeder II		Pump		CH Pump		Thermostat		
	Software updates		Mixing valve pump		Fuel level		Automatic operation		Day temperature		Night temperature		
	touch & play		BUS extending		Different temperatures different rooms		LAMBDA probe		LCD - display		Additional feeder		
	STB Input		Ventilating mode		Work with the boiler		Exit mode		Clock		Igniter		



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