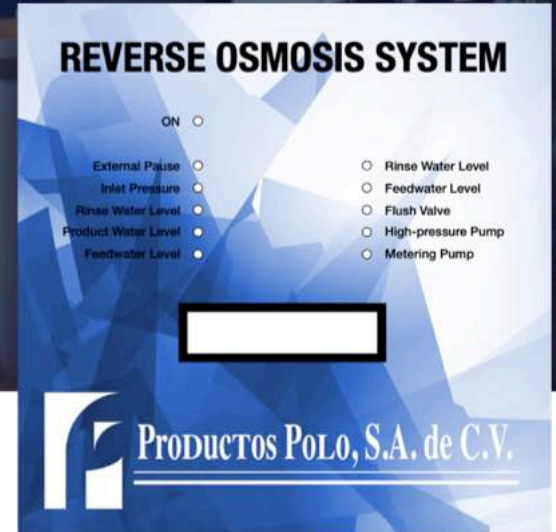
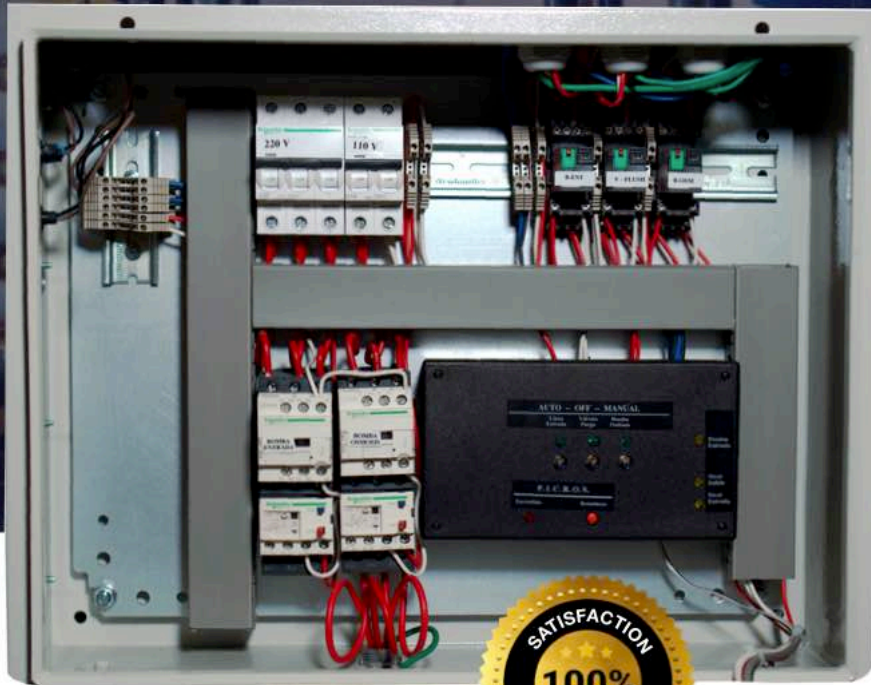


# CONTROL UNITS FOR REVERSE OSMOSIS



Personalized cover label

## P.I.C.R.O.S. AUTOMATIC CONTROLLER

PICROS controller is a low cost Electronic Control Board that performs all of the functions necessary to efficiently operate a Reverse Osmosis System. This controller incorporates flush cycles to increase membrane life, tank level switches to start and shut down production along with other features that make it cost effective and easy to use.

This device is perfect for manufacturers of Reverse Osmosis equipment that wish to lower their production costs by outsourcing the electronic controllers for their standard systems.

Smart integrated sequence for membrane flushing

Protection against low-pressure to ensure a long service life of the high-pressure pump.

2x16 LCD to visualize current stage and remaining time.

Chemical dosing control

## KEY FEATURES

- P.I.C.R.O.S. Automatic Controller
- Feed actuated valve
- Rinse actuated valve\*
- Flush actuated valve
- Feed pump motor overload protection
- High-pressure pump motor overload protection
- Rinse pump motor overload protection\*
- Ground terminal
- 2x16 display
- Personalized cover label
- NEMA 4/4X Control box
- General overload protection
- Dosing pump control
- Visual status LED
- Audible alarm



\*Available in P.I.C.R.O.S. 5e/5s model

## SELECTION TABLE

### P.I.C.R.O.S 3e3s

Standard controller, low pressure switch and 2 level switches are included in all models.

Model	Actuated valve diameter			Motor overload protection			Motor Voltage/ Phases	Dimensions Lenght x Height x Width
	Feed	Rinse	Flush	High-pressure pump	Feed pump	Rinse		
OIA-3E3S-0210-6	1/2"	-	3/8"	1 HP	1 HP	-	220V - 1ø	40x30x20 cm
OIA-3E3S-0310-6	3/4"	-	1/2"	1 HP	1 HP	-	220V - 1ø	40x30x20 cm
OIA-3E3S-0415-6	3/4"	-	1/2"	1.5 HP	1 HP	-	220V - 1ø	40x30x20 cm
OIO-3E3S-1550-8	1.5"	-	1/2"	5 HP	3 HP	-	220V - 3ø	50x40x25 cm
OIO-3E3S-2075-8	2"	-	1/2"	7.5 HP	3 HP	-	220V - 3ø	50x40x25 cm
OIO-3E3S-3081-8	3"	-	1/2"	10 HP	5 HP	-	220V - 3ø	50x40x25 cm
OIO-3E3S-3081-9	3"	-	1/2"	15 HP	5 HP	-	440V - 3ø	(2) 50x40x25 cm
OIO-3E3S-4091-9	4"	-	1/2"	15 HP	5 HP	-	440V - 3ø	(2) 50x40x25 cm
OIO-3E3S-4092-9	4"	-	1/2"	20 HP	7.5 HP	-	440V - 3ø	(2) 50x40x25 cm

### P.I.C.R.O.S 5e5s

Standard controller, low pressure switch, 3 level switches, dosing control are included in all models.

Model	Actuated valve diameter			Motor overload protection			Motor Voltage/ Phases	Dimensions Lenght x Height x Width
	Feed	Rinse	Flush	High-pressure pump	Feed pump	Rinse		
OIA-5E5S-0210-6	1/2"	1/2"	3/8"	1 HP	1 HP	1 HP	220V - 1ø	40x30x20 cm
OIA-5E5S-0310-6	3/4"	3/4"	1/2"	1 HP	1 HP	1 HP	220V - 1ø	40x30x20 cm
OIA-5E5S-0415-6	3/4"	3/4"	1/2"	1.5 HP	1 HP	1 HP	220V - 1ø	40x30x20 cm
OIO-5E5S-1550-8	1.5"	1.5"	1/2"	5 HP	3 HP	3 HP	220V - 3ø	50x40x25 cm
OIO-5E5S-2075-8	2"	2"	1/2"	7.5 HP	3 HP	3 HP	220V - 3ø	50x40x25 cm
OIO-5E5S-3081-8	3"	3"	1/2"	10 HP	5 HP	3 HP	220V - 3ø	50x40x25 cm
OIO-5E5S-3081-9	3"	3"	1/2"	15 HP	5 HP	5 HP	440V - 3ø	(2) 50x40x25 cm
OIO-5E5S-4091-9	4"	4"	1/2"	15 HP	5 HP	5 HP	440V - 3ø	(2) 50x40x25 cm
OIO-5E5S-4092-9	4"	4"	1/2"	20 HP	7.5 HP	5 HP	440V - 3ø	(2) 50x40x25 cm

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