



Inflotrolix Inc.

Configurations for the installation OF THE RPSM AND THE CONTROL PANEL

PROJECT	AP-01 – BL-01
SPECIFICATION	N/A
COMPONENTS	Control panel & RPSM
PART NUMBERS	AP-01, BL-01

Name / Title

Signature

**Date
(yyyy/mm/dd)**

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Revision list

Revision number	Date (YYYY/mm/dd)	Description
A	2013-05-23	Release of the document
B	2014-05-07	Update to reflect software modification V2.0.C11
C		
D		





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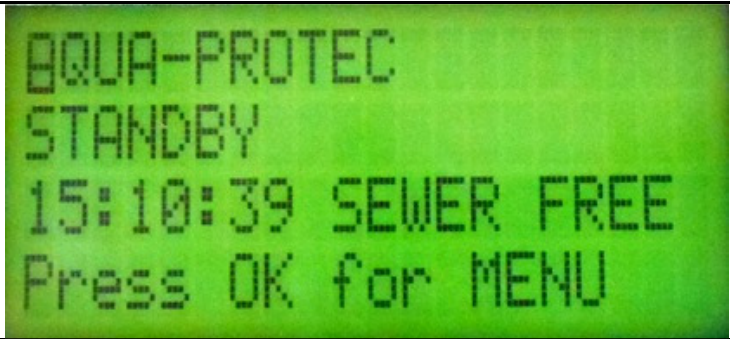
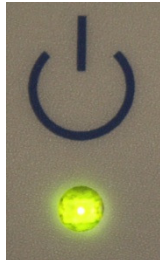
1- GENERAL

This document contains instructions for configuring the control panel and the retractable pneumatic sealing module (RPSM). This document is intended for licenced plumbers and certified technicians by Inflatrol. The installation instructions of the control panel (AP-01) or the RPSM (BL-01) are contained in a separate document. This document is exclusively for licenced plumbing.

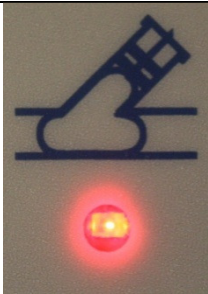
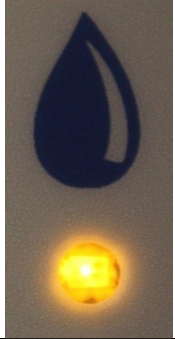
2- PRESENTATION OF THE AQUA PROTEC PRODUCT

Qty	Description	Illustration
1	Aqua Protec (AP-01)	

3- SYSTEM DETAILS

Qty	Description	Illustration
1	LCD screen	
1	DEL : System is functional	

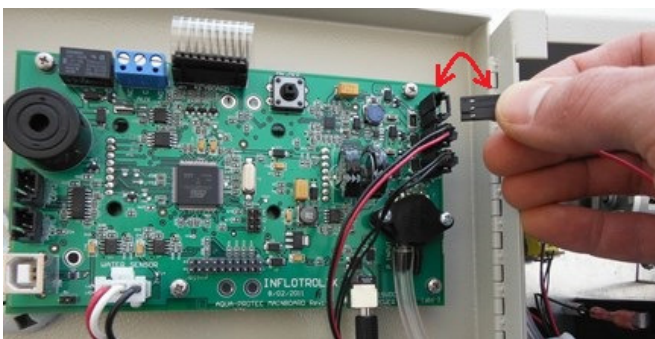


1	DEL : The RPSM is deployed and the drain is sealed			
1	DEL : Water detection			
1	Touch to mute the alarm			
1	Touch to activate option			
4	Navigation keys : Up, down, left and right.			



4- CONTROL PANEL CONFIGURATION

4.1- POWER SYSTEM

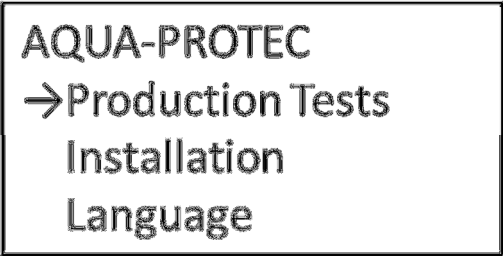
STEP	DESCRIPTION	ILLUSTRATION
4.1.1-	Open the panel with a flathead screwdriver	
4.1.2-	Plug the AC adapter into an electrical outlet	
4.1.3-	In the panel, connect the 3 pins battery connector to the PCB.	

4.2- NAVIGATION, SELECTION AND MODIFICATION

ÉTAPE	DESCRIPTION	ILLUSTRATION
4.2.1-	To go to « MENU » press the « OK » button	
4.2.2-	To navigate the «MENU » use the « UP » and « DOWN » arrow	
4.2.3-	Use the « RIGHT » arrow to validate your choice	
4.2.4-	Use the « LEFT » arrow to move up a level	
4.2.5-	To edit an entry use the « UP » and « DOWN » arrow	



4.3- FIRST CONFIGURATION

ÉTAPE	DESCRIPTION	ILLUSTRATION
4.3.1-	This is what you should see on the LCD screen	
4.3.2-	Move down until you get to "Language". Validate using right arrow.	
4.3.3-	Select the appropriate language. Validate using right arrow. You will be redirected automatically to the main menu.	
4.3.4-	Move down until you get to "Version". Validate using right arrow.	



4.3.5-	The version you should see is « V2.0_C11 » or higher. If it's not the case call 1-877-287-7777 Use left arrow to return to top menu.	VERSION V2.0_C11 PRESS ANY KEY
4.3.6-	Move down until you get to "Installation". Validate using right arrow.	AQUA-PROTEC Production Tests →Installation Language
4.3.7-	Using arrows, enter the date and time using the following format: « YYYY-MMM-DD HH: mm ». **Note that the system uses the 24 hour format. Use right arrow to go to the next step.	DATE AND TIME 2000-JAN-01 00:00
4.3.8-	Enter your technician number using the format «AAA-000». Use right arrow to go to the next step. Use right arrow to go to the next step.	TECHNICIAN # <u>A</u>AA-000
4.3.9-	Enter the Control Panel serial number (SN) using the following format: « A-00-A00-000 ». Note: SN is inscribed inside the door of control panel. Use right arrow to go to the next step.	AQUA-PROTECSN <u>A</u>-00-A00-000



4.3.10-	Select the appropriate installation type. 4/4IN Y = PVC, ABS, CAST IRON (most common type) 4/4IN CAST IRON HP is for special application (e.i: very corroded pipe). Please call technical support for more information. Use right arrow to go to the next step.	INSTALLATION TYPE → 4/4IN Y → 4/4IN CAST IRON HP
4.3.11-	Enter the RPSM serial number using the following format « A-0000-0000 ». Note: SN is inscribed on the label of the RPSM. Use right arrow to go to the next step.	RPSM SN <u>A</u>-0000-0000
4.3.12-	The expiry date will be 5 years from now. If not, make the correct changes. Use right arrow to go to the next step.	RPSM EXPIRY 2019<u>9</u>-MAY-08
4.3.13-	Select the day and hour of the week owner prefer the Partial test to be run. Use right arrow to go to the next step.	PARTIEL TEST SCHED MON 00:00



4.3.14-	The system is now ready to run a full test to verify if it is installed properly. Note: Sewer pipe will be sealed during 13 minutes. Start the test by pressing the "check" button.	WARNING A FULL TEST will be executed OK when ready
4.3.15-	The first part of the test is the inflation. The system is compressing air into the RPSM.	FULL SYSTEM TEST Inflating P:00.0psi T:00:00 SEWER FREE
4.3.16-	State of the sewer will change to "SEWER SEALED".	FULL SYSTEM TEST Inflating P:06.5psi T:00:40 SEWER SEALED
4.3.17-	The second part of the test is the calibration of the RPSM. The system waits 2 minutes and will reinject air into the RPSM if needed.	FULL SYSTEM TEST Keep P:11.5psi T:00:03 SEWER SEALED
4.3.18-	The last part of the test is the holding the pressure of the RPSM. The system waits 10 minutes.	FULL SYSTEM TEST Keep P:11.5psi T:09:59 SEWER SEALED



4.3.19-	When the test is completed, the alarm will turn on. To display the result, press any button. The system will display the result.	TEST COMPLETED OK
4.3.20-	If the LCD screen shows "FAIL", note the message error and call the support technician at 1-877-287-7777	TEST COMPLETED FAIL
4.3.21-	Once the system confirms the success of the test, a validation code will be requested. Call at 1-877-287-7777 and a validation number will be given. You will need the following info: • Technician # • Panel SN • RSPM SN • Installation type • Name, address and phone # of the owner.	VALIDATION NUMBER 999 CALL 1-877-287-7777
4.3.1-	Congratulations!! The configuration is officially done!	AQUA-PROTEC STANDBY 09:33:12 SEWER FREE Press OK for MENU



4.4- CHANGE THE RPSM

ÉTAPE	DESCRIPTION	ILLUSTRATION
4.4.1-	Shut down the system. Refer to section 4.5 of this manual.	
4.4.2-	Write down the serial number of the RPSM. A-XXXX-XXXX	___ - ____ - ____
4.4.3-	Change the RPSM. Refer to « Installation manual »	
4.4.4-	Start the system (see section 4.1)	AQUA-PROTEC STANDBY 09:33:12 SEWER FREE Press OK for MENU
4.4.5-	Press any button to go to the main menu. In the main menu, move down to " Technician "	MENU PRINCIPAL →Language Version History
4.4.6-	Move down to select " Technician " menu. Validate using right arrow.	MENU PRINCIPAL Version History →Technician



4.4.7-	Enter your "Password" . Validate using right arrow.	PASSWORD <u>0000000</u>
4.4.8-	In Technician menu, move down and select "Change RPSM" . Validate using right arrow.	TECHNICIAN Part. Test Schedule →Change RPSM Update Application
4.4.9-	Select «RPSM SN» . Validate using right arrow.	RPSM →RPSM SN RPSM Expiry Inflating Count
4.4.10-	Enter the new RPSM serial number using this format « A-0000-0000 » . Note: SN is inscribed on the label of the RPSM. Validate using right arrow.	RPSM SN <u>A-0000-0000</u>
4.4.11-	Select «RPSM Expiry» . Validate using right arrow.	RPSM RPSM SN →RPSM Expiry Inflating Count



4.4.12-	The expiry date has to be 5 years from today. If not, make the correct change. Validate using right arrow.	RPSM EXPIRY 201<u>9</u>-MAY-08
4.4.13-	Select «RPSM Expiry». Validate using right arrow.	RPSM RPSM SN RPSM Expiry →Inflating Count
4.4.14-	The count must be at 0. If not, make the correct changes. Validate using right arrow.	INFLATING COUNT <u>0</u>
4.4.15-	Return to the «TECHNICIAN» menu.	TECHNICIAN →Manual Control Partial Tests Full System Test
4.4.16-	Move down until you get to «Full System Test». Validate using right arrow.	TECHNICIAN Manual Control Partial Tests →Full System Test



4.4.1-	The first part of the test is the inflation. The system is compressing air into the RPSM.	FULL SYSTEM TEST Inflating P:00.0psi T:00:00 SEWER FREE
4.4.2-	State of the sewer will change to "SEWER SEALED".	FULL SYSTEM TEST Inflating P:06.5psi T:00:40 SEWER SEALED
4.4.3-	The second part of the test is the calibration of the RPSM. The system waits 2 minutes and will reinjecte air into the RPSM if needed.	FULL SYSTEM TEST Keep P:11.5psi T:00:03 SEWER SEALED
4.4.4-	The last part of the test is the holding the pressure of the RPSM. The system waits 10 minutes.	FULL SYSTEM TEST Keep P:11.5psi T:09:59 SEWER SEALED
4.4.5-	When the test is completed, the alarm will turn on. To display the result, press any button. The system will display the result.	TEST COMPLETED OK



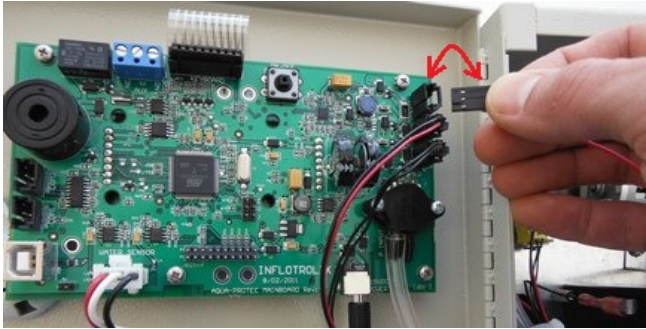


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4.4.6-	If the LCD screen shows "FAIL", note the message error and call the support technician at 1-877-287-7777	TEST COMPLETED FAIL
4.4.7-	Leave the "Technician menu" using the left arrow.	AQUA-PROTEC STANDBY 09:33:12 SEWER FREE Press OK for MENU



4.5- SHUT DOWN THE SYSTEM

STEPS	DESCRIPTION	ILLUSTRATION
4.5.1-	Open the cover using a flathead screwdriver.	
4.5.2-	In the panel, disconnect the battery connector on the electronic board.	
4.5.3-	Unplug the AC adapter from the electrical outlet	

