

# Aquavison Flushing Unit Setup

9					
Communications Port	5	aquavisi@n	Unit ID 103482 0	Received Time 14:21:32	Temperature 25 degC
14:21:34	Fest days ✓ Sunday Monday ✓ Tuesday ✓ Wednesday ✓ Thursday	Valve Option C Single    Dual Valve Open Times (minutes) Cold Hot 2    1	0 0 0 0		
Configure unit Get Configuration Status aquaflush: 1	☐ Friday ☐ Saturday 03482 Te	working hours Start Finish 0:00 V 0:00 V emp: 25	0 0 0 0 0		
Hot Inlet	Reference II deg C 1 deg C 2	Ds Enable Logging File Path c:\logger\	0 0 0 0 0		
Outlet	deg C 3	Start Test	0		

**Warning:** This manual contains important safety and operating information. Please read, understand and follow the instructions in the manual.

## Legionella Flushing Unit Setup

### Equipment for Legionella Flushing System:

- 553-007 USB Receiver Module
- 535-001 or -002 Legionella Flushing Unit
- PC running *AquaVision* software

#### **Preparation:**

- 1. Connect the Legionella unit to the appropriate pipes (hot, cold & output).
- 2. Plug-in the USB receiver into the USB port and wait for the driver to be installed (first time used).
- 3. Start the Aquaflush Programmer.exe PC application.
- 4. Select the correct serial port the USB receiver is connected to. This will vary from one PC to another. It may be necessary to change the COM port of the USB receiver manually. This is only required if the USB receiver is listed higher than COM10 (see appendix for details on how to modify).
- To start the unit, place a magnet over the test point for 3 seconds. The Unit ID, Received Time and Temperature fields should all be filled in as well as the Status window. Repeat if required.

## Obtain Legionella Unit Setup

- 1. Enter the transmitter ID into the *Unit ID* field.
- 2. Press the *Configuration Unit* button.

C Off C 1	aq	uavisi@n	Unit ID 103482	Received Time 15:50:10	Temperature 22.1 degC
15:50:14 Unit ID 103482 Configure unit Get Configuration	est days 7 Sunday 7 Monday 7 Tuesday 7 Wednesday 7 Thursday 7 Friday 8 Saturday	Valve Option Single © Dual Valve Open Times (minutes) Cold Hot 2 1 1 Working hours Start Finish 0:00 0 00	0 0 0 0 0 0 0 0 0		

- 3. The unit will ask to swipe a magnet over the test point for 3 seconds. If the link fails the following screen shot will appear. Check the range and position of the RF link and ensure the setup is correct if this occurs.
- Once the USB receiver has gained the configuration details from the Legionella unit the following message should appear in the *Status* window – *Configuration Received*. The valve times, test days, working hours etc. will be updated.

Communications Port — つ Off	@ 8	aquavisi@n	Unit ID 103482 0	Received Time 15:46:22	Temperature 21.7 degC
15:46:24 Jnit ID 103482 Configure unit Get Configuration Status	Test days Sunday Monday Tuesday Wednesday Thursday Friday Saturday	Valve Option Single © Dual Valve Open Times (minutes) Cold Hot 2 1 1 Working hours Start Finish 0:00 0 0:00 1	0 0 0 0 0 0 0 0 0 0 0		
Test	Reference IDs deg C 9876 dea C 140674	File Path	0 0 0 0		
Outlet 21.5	deg C 4	Start Test	0		

### **Programming Legionella Transmitter**

- 1. Enter the transmitter ID into the Unit ID field.
- 2. Update the following fields: *Test Days*, *Valve Option*, *Valve Open Times* and *Working Hours*.
- 3. Once the new configuration has been setup in the PC software, press the **Configure Unit** button to sent the new profile to the Legionella unit.



- 4. The unit will ask to swipe a magnet over the test point for 3 seconds. If the link fails the following screen shot will appear. Check the range and position of the RF link and ensure the setup is correct if this occurs.
- When the unit has successfully received the new profile, the following message should appear in the *Status* window – *ACK Received* – *Unit Configured*.

Communications Port		aguavisi@p	Unit ID 103482	Received Time	Temperature 21.5 degC
15:44:27 -Unit ID 103482 Configure unit Get Configuration -Status	<ul> <li>✓ 8</li> <li>✓ Sunday</li> <li>✓ Sunday</li> <li>✓ Inuesday</li> <li>✓ Wednesday</li> <li>✓ Thursday</li> <li>✓ Friday</li> <li>✓ Saturday</li> </ul>	Valve Option Valve Option Valve Open Times (minutes) Cold Hot 2 1 Working hours Start Finish 0.00 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0		
ACK received           Test           Hot Inlet         21.5           Cold Inlet         21.4           Outlet         21.5	deg C 9876 deg C 140674 deg C 4	Enable Logging File Path c:\logger\ Start Test	0 0 0 0 0 0 0 0		

## <u>Appendix</u>

Press *Start* button, select *My Computer* with right mouse button (context menu) and select the *Manage* option.





Double click on the selected COM port. Click on the *Port Settings* tab and select the **Advanced** button.

USB Serial Port (COM8) Properties	?	×
General Port Settings Driver Details		_
Bits per second:	9600 🗸	
Data bits:	8 🗸	
Parity:	None	
Chan hite:	1	
5100 bits.		
Flow control:	None	
Ad	vanced	í
		'
	OK Cancel	

Select an appropriate COM port in the drop-down menu (e.g. less than 10), click OK button and accept the changes.

Advanced Settings for COM8		? 🛛
COM Port Number: USB Transfer Sizes Select lower settings to correct performance problems at low Select higher settings for faster performance. Receive (Bytes): Transmit (Bytes): 4096 •	Daud rates.	OK Cancel Defaults
BM Options Select lower settings to correct response problems.	Miscellaneous Options Serial Enumerator	
Latency Timer (msec):	Serial Printer Cancel If Power Off	
Timeouts	Event On Surprise Removal	
Minimum Read Timeout (msec):	Set RTS On Close	
Minimum Write Timeout (msec):	Disable Modem Ctrl At Startup	

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