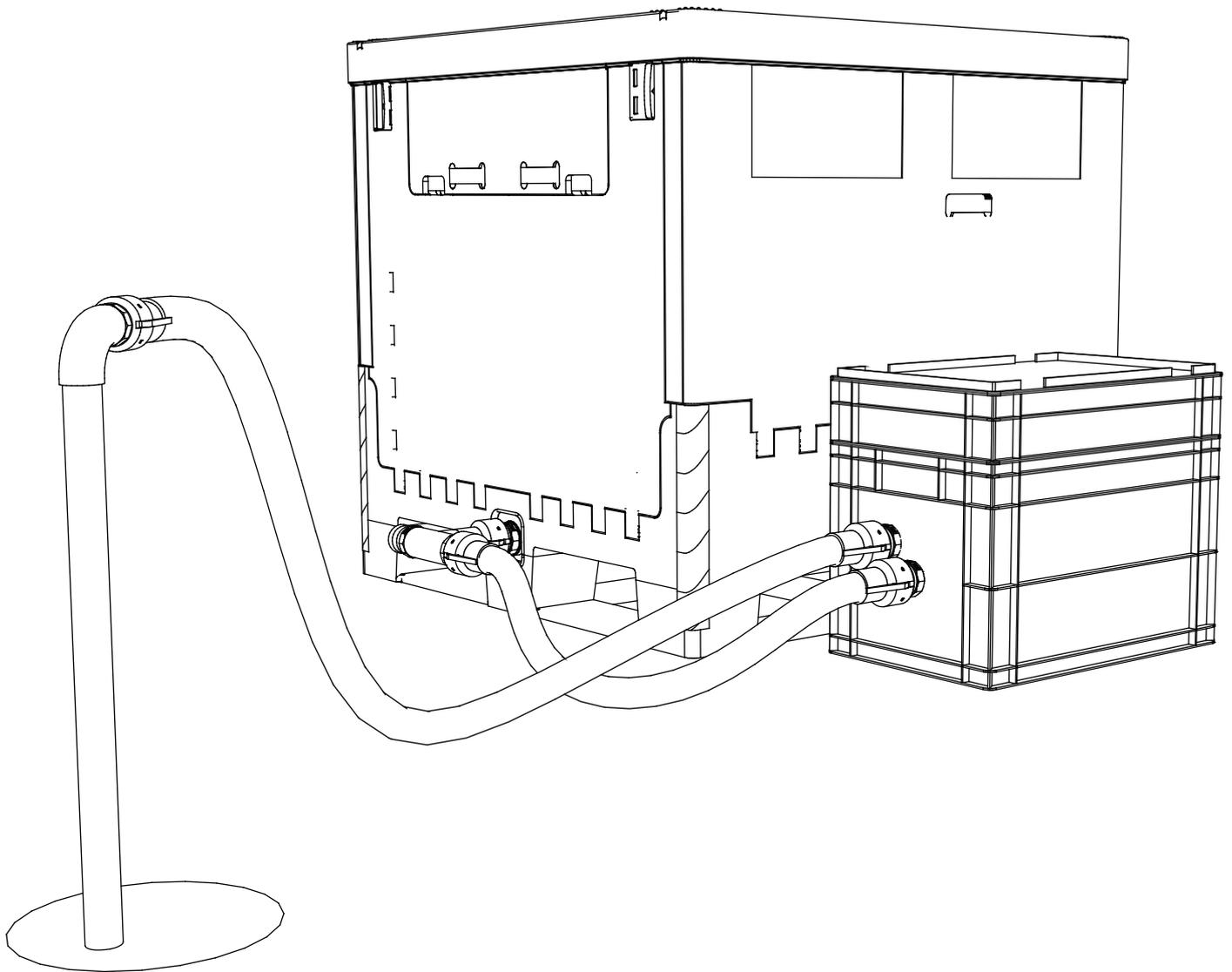
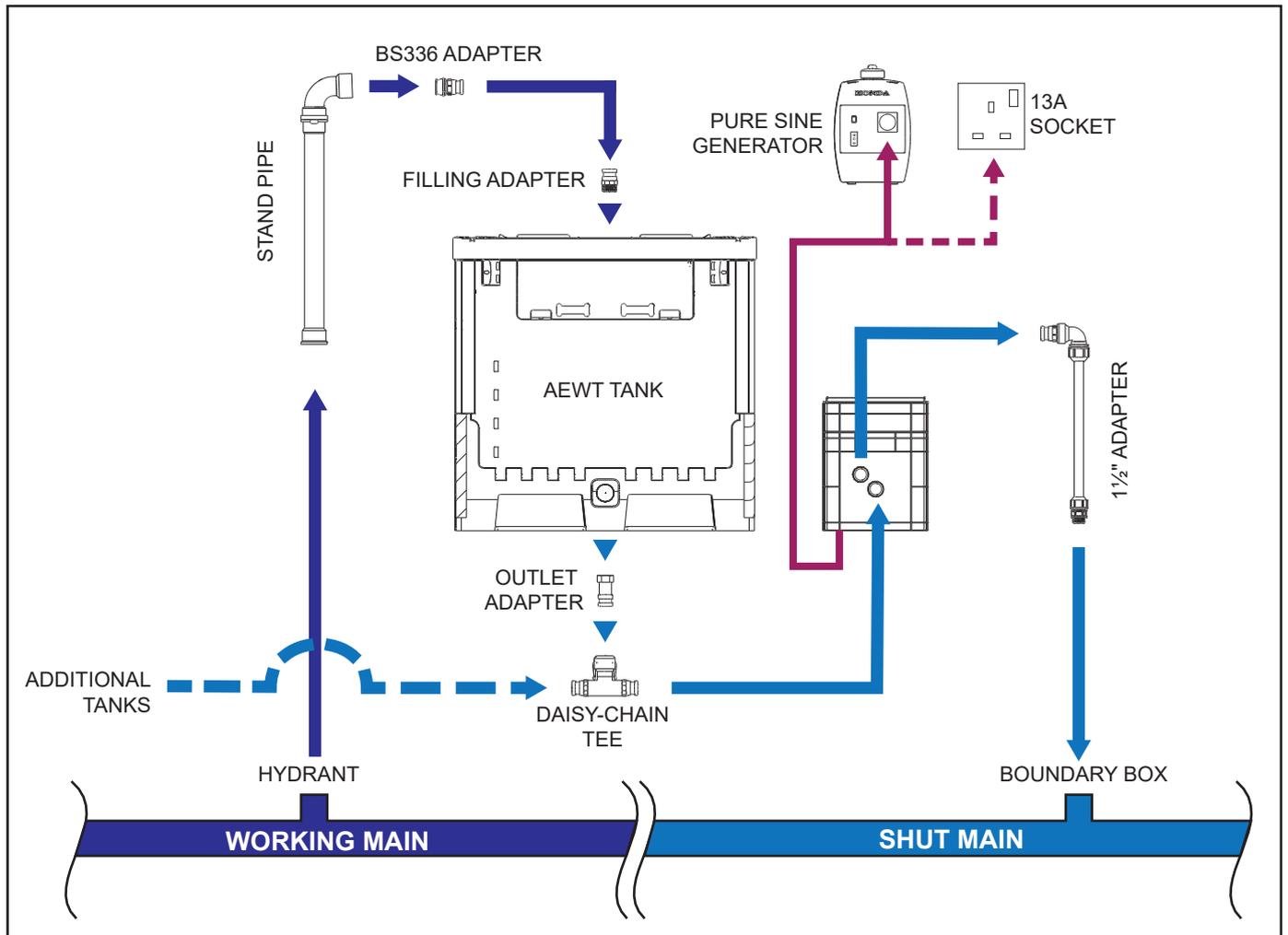


AiS Network Replacement Systems from



Quickstart Guide

AiS network replacement kit - basic configuration



Notes:

AiS systems can be configured in many different ways to suit particular scenarios

Additional connectors and adapters are available to make different connections

Tanks can be filled from the main or tankers. They can also be deployed full.

AiS can be used for network replacement via any suitable connection point. They can be used to connect directly to individual properties or they can be used to supply temporary supplies like tap bars etc

Advisory:

1. AiS units will only operate using an appropriate 220 - 240v supply. This can be either UK standard single phase mains supply, specific inverter generators or suitable battery packs.

2. The Honda EU20i generator supplied by Arlington uses unleaded petrol. It will run for 4 - 8 hours continuously depending on usage.

3. The AiS unit is a certified class II appliance and is deemed to be site safe. The power cable and plugs should be inspected for damage before every use.



AiS Unit QUICKSTART GUIDE

- Place the unit on level ground close to the proposed infusion point.
- Connect the appropriate pipework to the outlet and inlet ports at ① & ②, using 2" female cam lock couplers.
- Connect the plug ④ to the power supply being careful to ensure that the supply is switched off. An adapter is provided for mains supply. **DO NOT MAKE ELECTRICAL CONNECTIONS OR DISCONNECTIONS WHILST POWER IS LIVE.**
- Switch on the power supply or start the generator.
- Using the rotary isolator ③ switch on the AiS unit. The digital display will light up and the pump firmware will load, the pump will then resume pumping using the setting from its last use; if the pump is not immediately required it can be put into standby mode (see ENABLE, DISABLE AND STANDBY). The operating pressure can be altered in both standby and operational mode.
- Using the digital controller ⑤, set the desired output pressure (see SETTING OUTPUT PRESSURE).
- Enter the output readings screen and reset the trip reading. (see METER READINGS).
- When ready, using the digital controller, put the pump into operational mode (see 1 below)
- Check to see the pump is operating normally for a minute or two.
- Close lid ⑥ to protect the controller.

Arlington AiS 24hour support line:

0800 772 3140

www.emergencywater.co.uk

ENABLE, DISABLE AND STANDBY

When powerd on, the AiS unit can be in one of 3 different states indicated on the home screen (press the set button to return to the home screen) as below:



Pump enabled but in standby mode will resume pumping when pressure drop detected.



Pump enabled and pumping to meet pressure demand



DIS

Pump is disabled and will not pump until re-activated

To switch between modes press and hold the plus and minus buttons together to cycle between modes



SETTING OUTPUT PRESSURE

To set the pressure (can be done in any operating mode) press and hold the MODE and SET buttons together for 3 seconds. This will display the setpoint SP menu.



Use the + and - buttons to set the desired pressure



Press the set button to return to the home screen



METER READINGS

From the home screen, press the MODE button 5 times to see the output flow readings.



Press and hold the - button for 2 seconds to reset the trip meter



RESET TO DEFAULT SETTINGS

Switch off the AiS unit (wait until the screen goes blank), press and hold the SET and + buttons whilst turning the unit back on. Continue to hold the buttons until the letters 'EE' appears on the screen. The system will now reboot to the default settings.



AiS WIRELESS CONNECTION

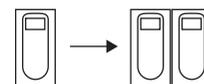
Press and hold the MODE, SET and - buttons for 3 seconds until the display changes to the RP menu.



Press the MODE button 4 times until the AS menu appears



Now on each of the units in turn press and hold the + button for 5 seconds. A blue indicator light will flash to show the unit is in search mode.



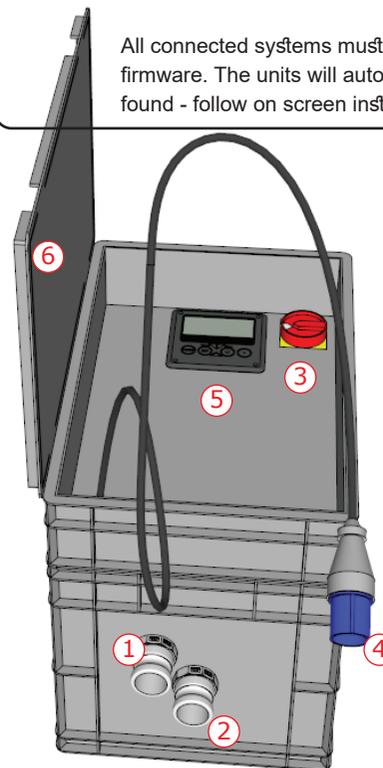
As additional units are added, they will be displayed in the AS window. All units will now maintain a common pressure. Press SET to return to the home screen.



Display on the home screen indicates connection status and unit number within the array.

NB. On occasion it may be necessary to reset to default settings to clear previous connections from the unit.

All connected systems must be running the same version of firmware. The units will auto update where older versions are found - follow on screen instructions



- Outlet port (Top)
- Inlet port (Bottom)
- Isolator switch
- BS4343 plug
- Digital controller
- Lid