



# **NEW** Hydra ADE24/TX

## *Automatic Anti-Algae System*

### **NEW IMPROVED ADE24 SYSTEM WITH ADDED FEATURES**

**LED indicator lights for Power, Pulse and Flow Rates.**

**Easy to Read and Easy to Use Controls**

**Compact Robust Waterproof Unit**

**Air Lock Bleed Valve**

(13) 20% setting      (12) 100% setting

1) **Power LED (green)**

2) **Pulse LED (red)**

Glows when solution is added.

3) **20 % LED (green)**

4) **100% LED (green)**

Flow rate indicators.

5) **Start/On** Touch control.

6) **Air Lock Bleed Valve**

7) **Discharge Nipple**

For discharge tube. After an air lock is cleared by air lock bleed valve any residual solution will siphon back into the Algae Free/AD container.



11) **Adjustment Knob**

Regulates amount of Algae Free/AD solution injected into the wash water.

10) **Stop/Off** Touch control.

9) **Outlet Nipple**

For outlet tube. Algae Free is drawn up the outlet tube and into wash water supply.

8) **Inlet Nipple**

For inlet tube + filter. This is the suction tube for Algae Free/AD

#### **ADE24/TX Dosing Pump Dimensions**

4.8 inches by 8.4 inches

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## **Hydra are Pleased to Announce the Launch of the NEW Improved ADE24/XT Algae Free Dosing Unit with Many NEW Features**

Importantly the NEW ADE24/TX system contains the same fittings and is installed in exactly the same way as the current ADE/24 Unit.

The NEW ADE24 system, which is now called ADE24/XT contains many new features. With upgraded specifications both installation engineers and customers have found that the new layout is easier to read and operate.

The new black, streamlined polypropylene moulded casing is even more robust and is now totally waterproof to IP65 specifications.

The addition of LED display down the left hand side of the pump face, ensures that both you and your customers can now see at a glance when the system is:

- (a) Switched ON or OFF.
- (b) When Algae Free/AD solution is being injected
- (c) Which current flow rate that the pump is set on. Either 20% (normal) or 100% (priming).

The new units DO NOT have an Orange or Blue switch. Simply press 20% setting on the front dial (this equates to the old Orange setting) and turn the dial to 3% or above depending upon **Algae Free/AD** dosage required. For priming the 100% setting is used (this equates to the old Blue setting).

The addition of a self bleeding valve eliminates the removal of the pump tubing to clear air locks, making air lock removal simple and safe. An extra pipe fitted on the front of the pump via a discharge nipple allows Algae Free/AD to feed straight back into the 5 litre container when the air lock is cleared

### **Detailed Description of ADE24/TX Pump Facia**

- 1) **Power LED (Green)** Once the unit is switched on this will glow green. This eliminates the problem of the unit being switched off without the customer being aware. At the end of the processing day there is no need to switch the unit off. It will not operate unless the processor is processing.
  - 2) **Pulse LED (Red)** Every time that the unit adds a shot of Algae Free/AD this LED will glow red. You can now ensure that the unit is dosing correctly.
  - 3) **20% LED (Green)** The normal setting for the system is on the 20% scale. This LED will ensure right setting is visible.
  - 4) **100% LED (Green)** This setting is only used to prime the pump i.e. the pump will pump harder on this setting.
  - 5) **Start/On Touch Control.** Switches the power to the ADE24/TX unit ON.
  - 6) **Air Lock Bleed Valve.** Only used in the event of an air lock. See full instructions for use supplied with ADE24/TX system.
  - 7) **Discharge Nipple.** A 'soft' polythene tube is supplied which fits onto nipple. This pipe is inserted into the **Algae Free/AD** container along with the outlet tube. When the airlock is cleared using the Air Lock Bleed Valve any residual solution will siphon back into the **Algae Free/AD** container.
  - 8) **Inlet Nipple.** The 'soft' polythene inlet tube is connected onto this nipple. This tube has a filter/weight on the other end and is inserted into container of **Algae Free/AD**.
  - 9) **Outlet Nipple.** The 'stiff' polythene outlet tube is connected to this nipple. It is this tube that carries the **Algae Free/AD** into the water supply feeding the wash tank/s.
  - 10) **Stop/Off.** Switches the power to the ADE24/TX unit OFF.
  - 11) **Adjustment Knob.** Regulates the amount of **Algae Free/AD** added to the water supplying the processor wash tanks. Normal reading is the BLACK inner dial and settings will be from 6% upwards depending upon wash tank size and amount of water per minute. Full information is given by installation engineer or Hydra Help Desk. Once on the correct setting this should not be changed without contacting Hydra or installation engineer.
  - 12) **100% Setting Switch.** Touch control to set percentage rate. Normally only used for priming pump.
  - 13) **20% Setting Switch.** Touch control to set percentage rate.
- Note: This is the normal setting for ADE/24/TX dosing pump.

**For technical information or further advice please contact Technical Help Desk on 1-866-809-7286**