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**Public
 OEM
 Bulletin**

CDS-1E (PAA) with Walchem Controller (ONE PUMP CHEMICAL DELIVERY SYSTEM)



GENERAL

The CDS-1E PAA Auto venting head unit has been designed to deliver the desired dosage of CH2O products listed in the PRODUCTS table consistently and efficiently. More information about our products and equipment is available at www.CH2O.com.

This CDS-1E PAA unit with Walchem controller is capable of both proportional flow and PPM control. With the remote flow board provided this unit can be equipped with a variety of monitoring, control, and safety options. This allows the unit to supply product based on the flow rate of the water system and monitor water system parameters, such as PAA, pH, ORP, or Chlorine. This unit can also be combined with a cellular modem allowing for remote data access, emailed reports, and safety alarms. Flow meters and saddles are purchased separately based on irrigation size.

OPERATIONAL CONSIDERATIONS

Electrical: 110V 15A
 Dimensions: 2' x 2' Poly Board, 6 foot poly stand, or 7 foot poly stand

TESTING REQUIREMENTS

Customers shall set treatment levels based on their control test results. Daily testing is recommended to maintain desired level control. It is the customer's responsibility to monitor and maintain treatment levels. Failure to monitor and maintain treatment levels can cause damage.

Use only CH2O chemical products with this equipment.

PREVENTATIVE MAINTENANCE (PM)

The CDS-1E PAA comes with initial annual maintenance kit that will need to be replenished annually.

Refer to owner's manual for maintenance schedule on each specific equipment component. A general preventative maintenance schedule is provided in the following table.

ITEMS	FREQUENCY
Pump Heads	Inspect annually replace as required
Check Valves	Inspect monthly replace as required
Back Pressure Valve	Inspect monthly replace as required
Injector Check Quill	Inspect monthly replace as required

Seller Warranty

CH2O brand test reagent refills are available through your sales representative at no charge. Customers are required to confirm product compatibility via a control test for their specific application. CH2O recommends that you perform regular/daily testing to control chemical levels and cycles of concentration within established limits. Additional tests may be performed at your request. Test reports reflect conditions at the point when the analysis was performed. Results will change over time and with varying operating conditions.

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose referred to in the directions for use when used in accordance with the directions under normal conditions. Buyer assumes the risk of any use contrary to such directions. Seller makes no other warranty or representation of any kind, express or implied, concerning the product, including NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OF THE GOODS FOR ANY OTHER PARTICULAR PURPOSE. No such warranties shall be implied by law and no agent of seller is authorized to alter this warranty in any way except in writing with a specific reference to this warranty. The exclusive remedy against seller shall be a claim for damages not to exceed the purchase price of the product, without regard to whether such a claim is based upon breach of warranty or tort. Jurisdiction for any issues arising from or relating to this product shall be in the courts of the State of Washington and the venue shall be Thurston County. Any controversy or claim arising out of or relating to this contract, or breach thereof, shall be settled by arbitration in accordance with the rules and procedures as stated in RCW 7.06 and shall be binding upon both parties without right to appeal, and judgment upon the award rendered by the Arbitrator(s) may be entered in any court having jurisdiction thereof.

Applies to all products sold by CH2O, Inc., and is hereby communicated to all of its customers as a condition of sale. Use of CH2O products is subject to the Standard Terms and Conditions as listed on CH2O, Inc.'s website at: www.ch2o.com.

INDUSTRIES

Field Irrigation	pH Adjustment
Commercial Disinfection	Commercial Potable Water
Livestock (Dairy, Horses, etc.)	

TYPICAL APPLICATIONS

Spray Bars	Flumes
Hydro Coolers	Irrigation Lines & Emitters
Livestock Water System	Water pH Adjustment

PRODUCTS

Agri Guard Products	831 NSF 60
K-Plus	PAA Products
Color Guard	Phos Trol F
Nitro-Clean	Unibrom Plus
Disolv-It	Disperse-It



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