



**HATENBOERWATER**

*Fresh in water since 1906.*

## HADEX<sup>®</sup> dosing unit

### Automatic disinfection of drinking water systems

The Hatdenboer-Water HADEX<sup>®</sup> dosing unit is designed for automatic dosing of Hadex<sup>®</sup> in drinking water systems. This dosage is intended for the reduction and prevention of growth of bacteria, algae and other micro-organisms.

In short;

'to make and keep your drinking water safe!'

Hadex<sup>®</sup> is a safe, effective and easily applied product, especially intended for disinfection of drinking water tanks and pipe lines.

Hadex<sup>®</sup> also keeps drinking water in good condition.

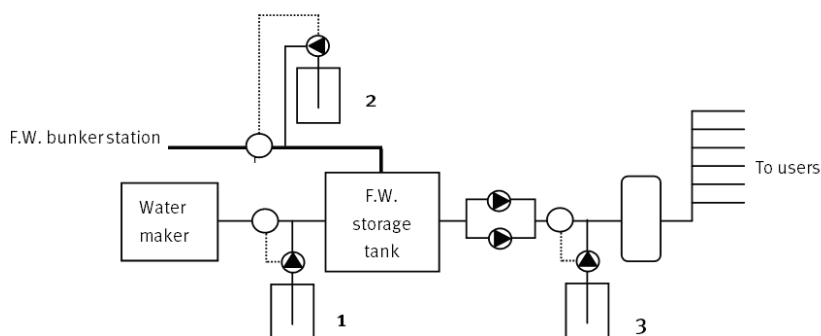
Hadex<sup>®</sup> is approved by DSI, DOT, NMD and other maritime authorities.

Hadex<sup>®</sup> is available in packing of 2.5, 10 and 25 ltr. There is also a 30 ml version, especially for back packers or small yachts.

For use on board of ships & offshore rigs we designed two dosing units, one for 10 and one for 25 ltr packing. A big advantage of our dosing units is that the standard packing is used as dosing container. Therefore safer and easy to use.

Hadex<sup>®</sup> dosing units are commonly used on three points in the fresh water system:

1. In the water maker product line
2. In the fresh water bunker line
3. After the hydrophore pumps (for rechlorination of distribution system)

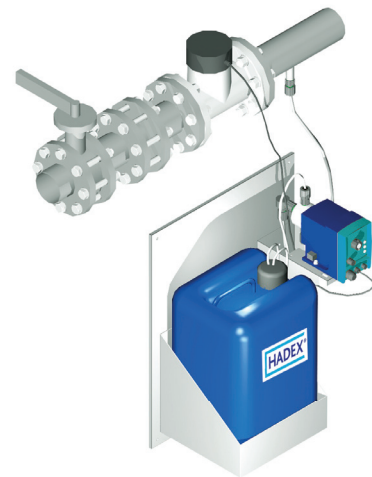


### Flow meters

Our standard Hadex<sup>®</sup> dosing units are proportional controlled, by use of pulse generating flow meters.

For the systems up to 50 m<sup>3</sup>/h standard contact type Woltmann flow meters are used. For larger flows, especially in bunker systems electro magnetic flow meters are available too. These meters have no damageable moving. With this latter type of meter an actual flow readout and mA signal to CSS are available as well.

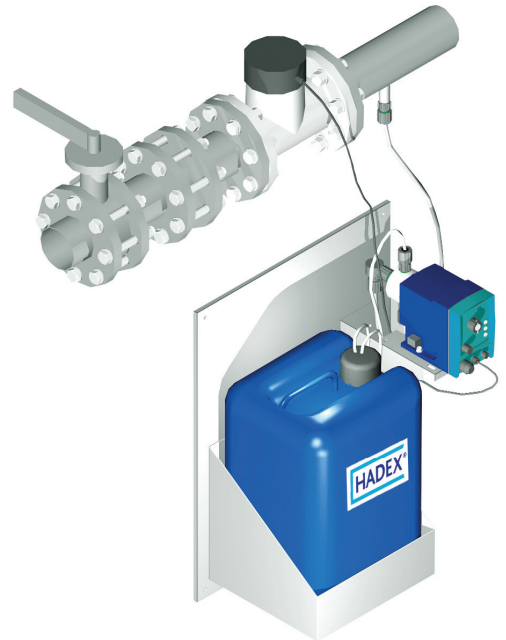
Optional our dosing units can also be controlled on base of free chlorine concentration. This by use of an inline chlorine measurement unit.



# HADEX<sup>®</sup> dosing unit

## Automatic disinfection of drinking water systems

Model	Capacity				Volume dosing container
	$Q_n$		$Q_{max}$		
	$\Delta p = 0.25 \text{ bar}$		$\Delta p = 1 \text{ bar}$		
	$m^3/h$	$m^3/d$	$m^3/h$	$m^3/d$	
HDU10-1601-15C	1,5	36	3	72	10
HDU10-1601-20C	2,5	60	5	120	10
HDU10-1601-25C	3,5	84	7	168	10
HDU10-1601-30C	5	120	10	240	10
HDU25-1601-15C	1,5	36	3	72	25
HDU25-1601-20C	2,5	60	5	120	25
HDU25-1601-25C	3,5	84	7	168	25
HDU25-1601-30C	5	120	10	240	25
HDU25-1601-40C	10	240	15	360	25
HDU25-1602-50C	15	360	30	720	25
HDU25-1604-65C	25	600	63	1512	25
HDU25-0708-80C	40	960	100	2400	25
HDU25-0708-100C	60	1440	160	3840	25
HDU25-0713-125C	100	2400	250	6000	25
HDU25-0713-150C	150	3600	270	6480	25
HDU25-0708-80E	50	1200	150	3600	25
HDU25-0713-100E	60	1440	250	6000	25
HDU25-0713-125E	100	2400	270	6480	25



$Q_{min}$  is approximately 0,1 m<sup>3</sup>/h for all systems

### Technical data

Pump type:	Solenoid diaphragm	Power supply:	110-230V/50-60Hz
Pump head:	Auto degassing, plexi glass	Power consumption:	22 W max
Frame:	Powder coated steel	Protection:	IP 65
Colour:	RAL 7001	Alarm available:	Low level
Dimensions (lxwxh):	500x300x650 (mm)*	Test kit:	Included
Weight (10 /25 ltr):	20/35 kg*		



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