

# HADEX<sup>®</sup> dosing unit

## automatic disinfection of drinking water systems

The Hatenboer-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!'*

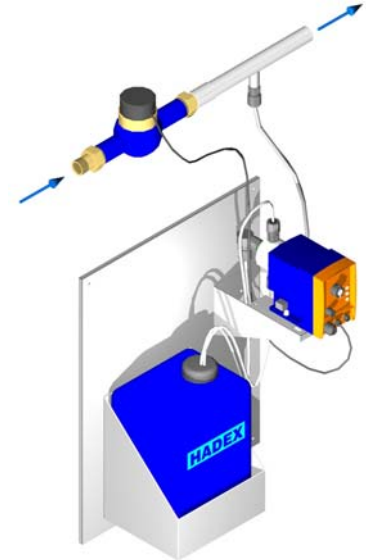
HADEX<sup>®</sup> is a safe, effective and easily applied product, especially intended for disinfection of drinking water tanks and pipe lines.

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

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

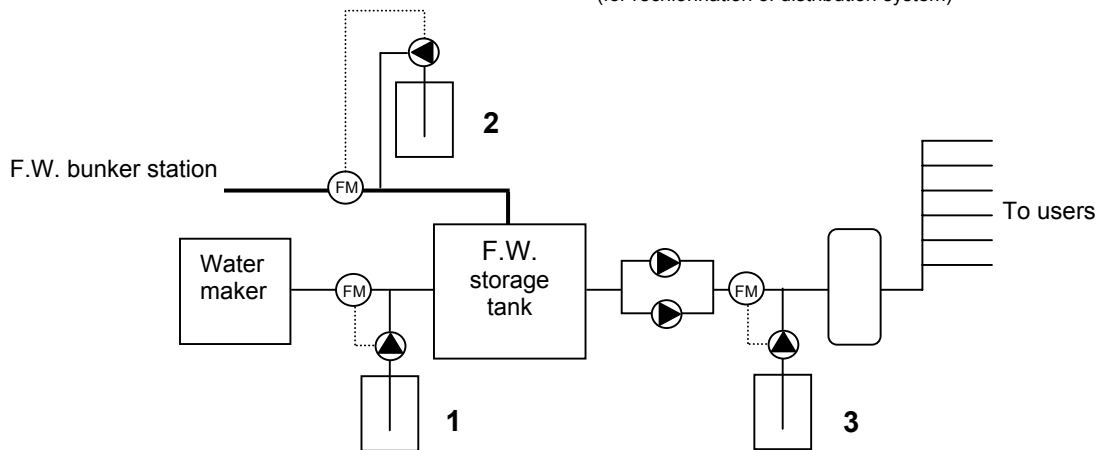
HADEX<sup>®</sup> is available in packing of 2.5, 10 and 25 ltr. There is also a 30 ml version, special for bag packers or small yachts.

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.

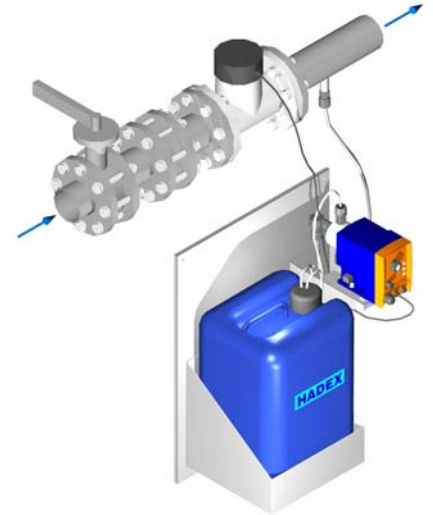
Optional our dosing units can also be controlled on base of free chlorine concentration. This by use of an inline chlorine measurement unit.



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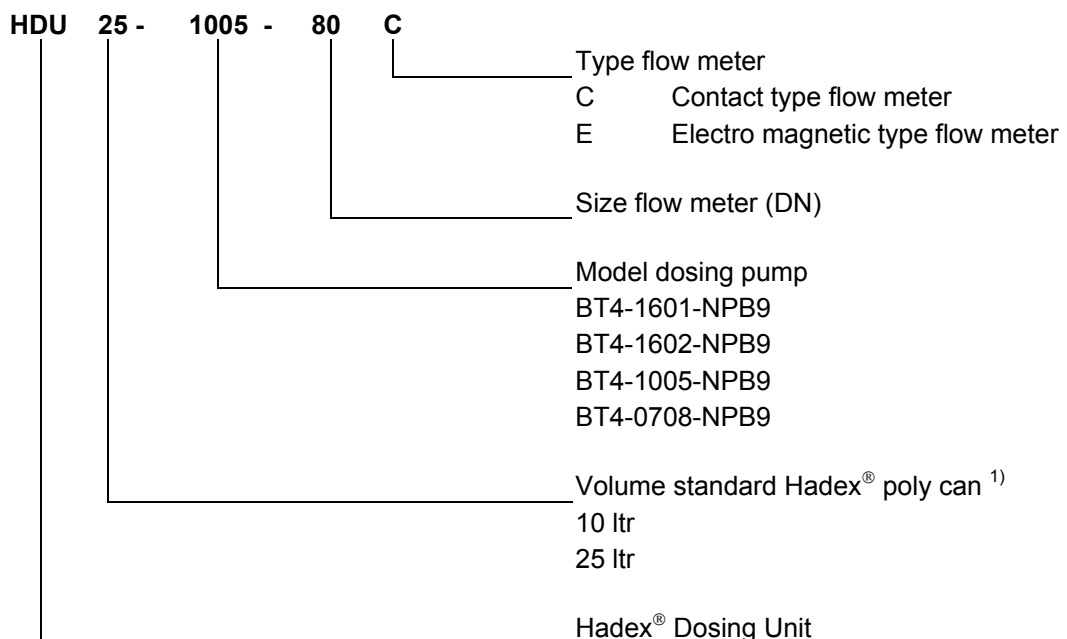
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Model	Capacity			
	Min		Max	
	m <sup>3</sup> /day	m <sup>3</sup> /h	m <sup>3</sup> /day	m <sup>3</sup> /h
HDU10-1601-15C	10	0,4	50	2
HDU10-1601-20C	50	2	100	4
HDU10-1601-25C	75	3	150	6
HDU10-1601-30C	150	6	240	10
HDU25-1601-15C	10	0,4	50	2
HDU25-1601-20C	50	2	100	4
HDU25-1601-25C	75	3	150	6
HDU25-1601-30C	150	6	240	10
HDU25-1601-40C		10		15
HDU25-1602-50C		15		25
HDU25-1005-65C		25		50
HDU25-1005-80C		50		75
HDU25-0708-100C		75		100
HDU25-0708-125C		100		150
HDU25-0708-150C		150		250
HDU25-1005-80E		50		75
HDU25-0708-100E		75		100
HDU25-0708-125E		100		150
HDU25-0708-150E		150		250



### Technical data

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



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\* Dimensions and weight are excluding flow meter

<sup>1)</sup> Larger off standard dosing containers are optional available