

## TECHNICAL DATA SHEET SOFTENER

# FLEXFLOW NITRAT / WATER SOFTENER

### General installation requirements

inlet/outlet	: 3/4 " - 1 "
sewage outlets	: 1/2 "
power supply	: 230V-50 HZ
max. electrical power	: 5 W
minimum working pressure	: 200 Kpa ( 2 bar )
maximum working pressure	: 700 Kpa ( 7 bar )
vacuum	: not allowed
average pressure	: 100 kPa ( 1 bar )
max water temperature	: 43 °C

### Note:

- without kinks and open to atmospheric pressure
- under normal circumstances - always recommended to pre-install a 20µ filter

### Resin

type	: food grade strong acid cation exchange resin
life span	: 15 years under normal conditions

### Ion exchange in function of 125g salt/L resin (average)

	10 Kun nitrat	30 20l blødgøring
liter		
kg CaCO <sup>3</sup>		0,8
°F x m <sup>3</sup>		80
dH x m <sup>3</sup>		44
kg salt / kg CaCO <sup>3</sup>		3,1
kg salt/regen	1,3	2,8

30 liter er en kombination med 10 liter nitrat og 20 liter blødgøring

## Regeneration

Start : 2:00 am, to set on the timer

Total time : max. 110 minutes

Chrono : 1 - 99 days between the regeneration

Volume SE : 9999 L of m<sup>3</sup> maximum capacity

6600/6700 : setting exchange capacity - automatic variable reserve

**Remark:** running time should not be more than 4 days, to prevent eventual bacteria growth possibility to set a day override regeneration

### consumption of rinse water

### Flow rate

	10	30
backwash	15	45
brining + slow rinse	15	65
fast rinse	30	60
total	60	170

	10	30
nominal flow rate	0,6	1,5
peak flow rate	0,7	1,8

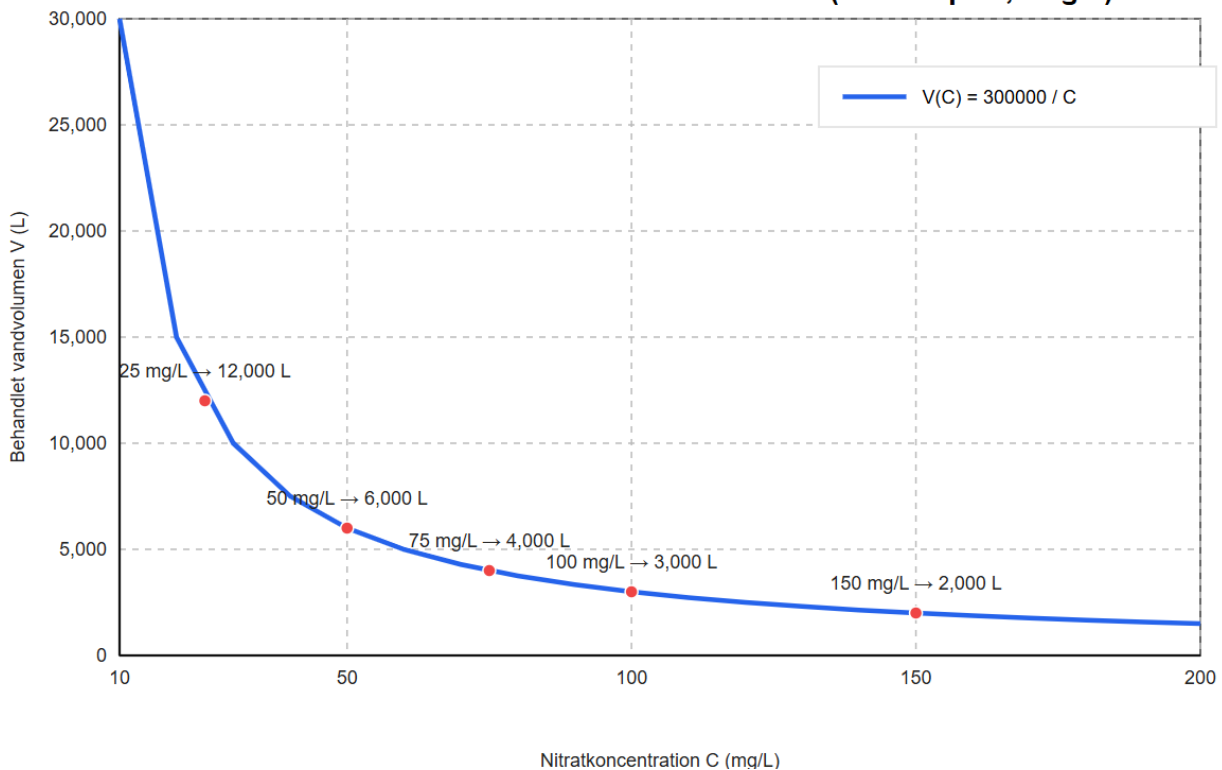
## Nitrat

Nitrat:

Tommelfinger regel: 2 l resin / person.

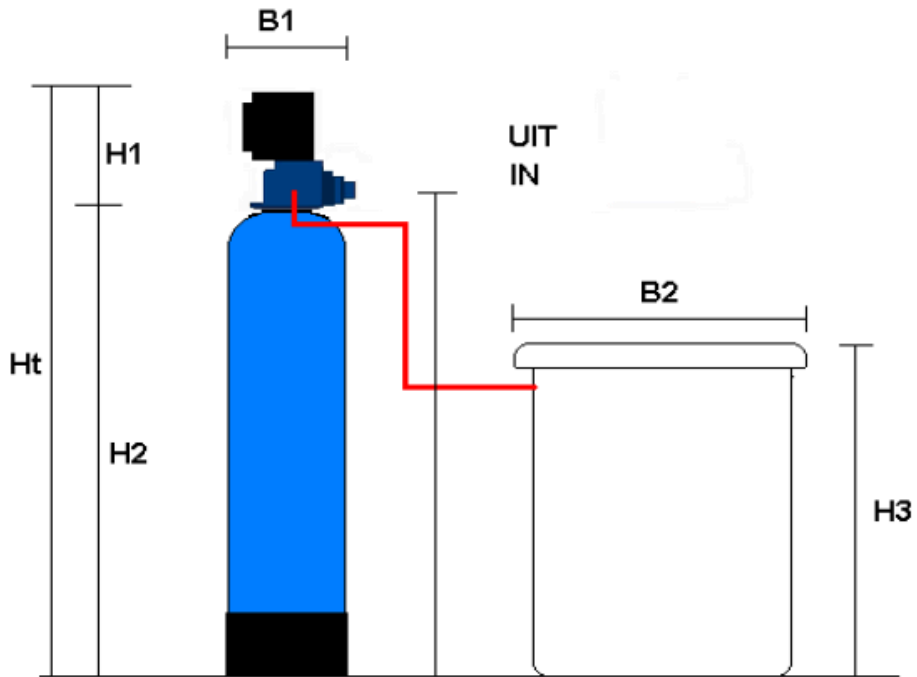
Kapacitet: 30g / liter resin

Behandlet vandvolumen vs. nitratkoncentration (10 L harpiks, 30 g/L)



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### Dimensions (in cm).



resin L	valve H1	vessel H2	brine tank H3	softener Ht	IN&UIT	vessel B 1	brine tank B 2	weight (* ) kg
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10	18	45	50	67	48	24	25	25
<b>30</b>	18	91	86	109	94	24	48	35