

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 ³		0,8
°F x m ³		80
dH x m ³		44
kg salt / kg CaCO ³		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 m³ maximum capacity

6600/6700 : setting exchange capacity - automatic variable reserve

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

consumption of rinse water

Flow rate

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

	liter	10	30
nominal flow rate	m ³ /h	0,6	1,5
peak flow rate	m ³ /h	0,7	1,8

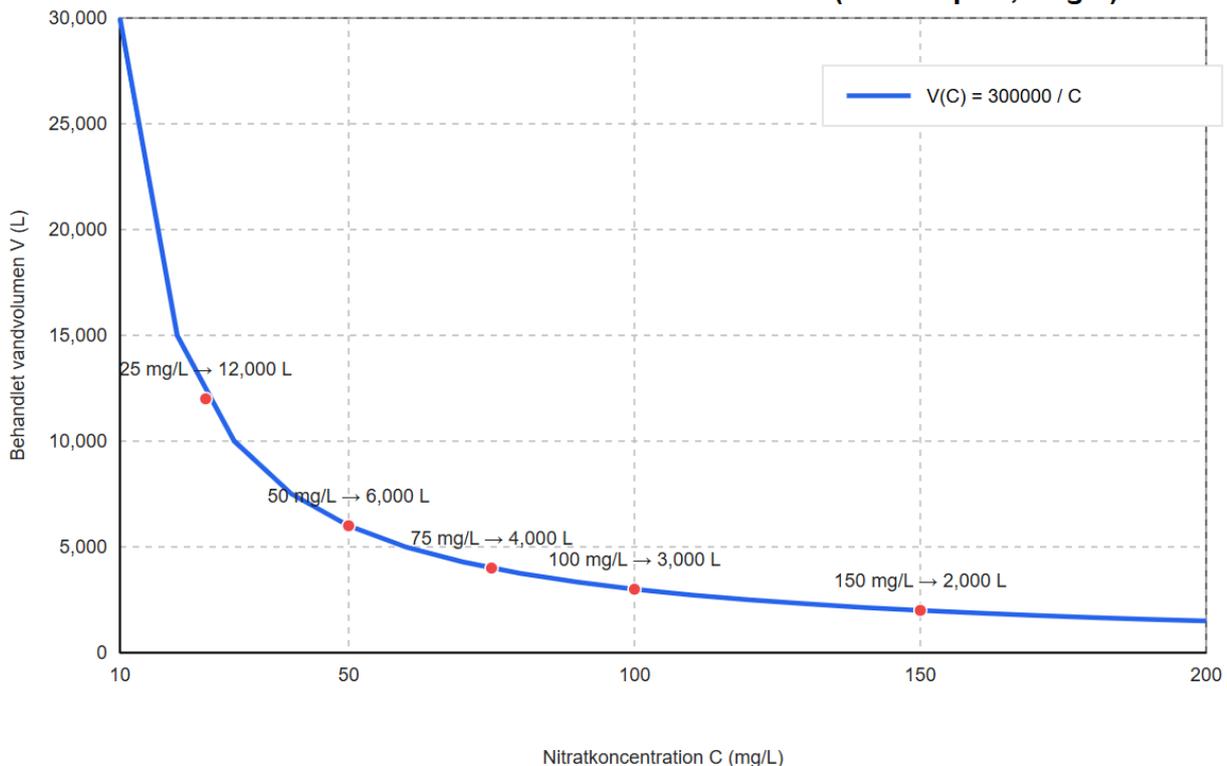
Nitrat

Nitrat:

Tommelfinger regel: 2 l resin / person.

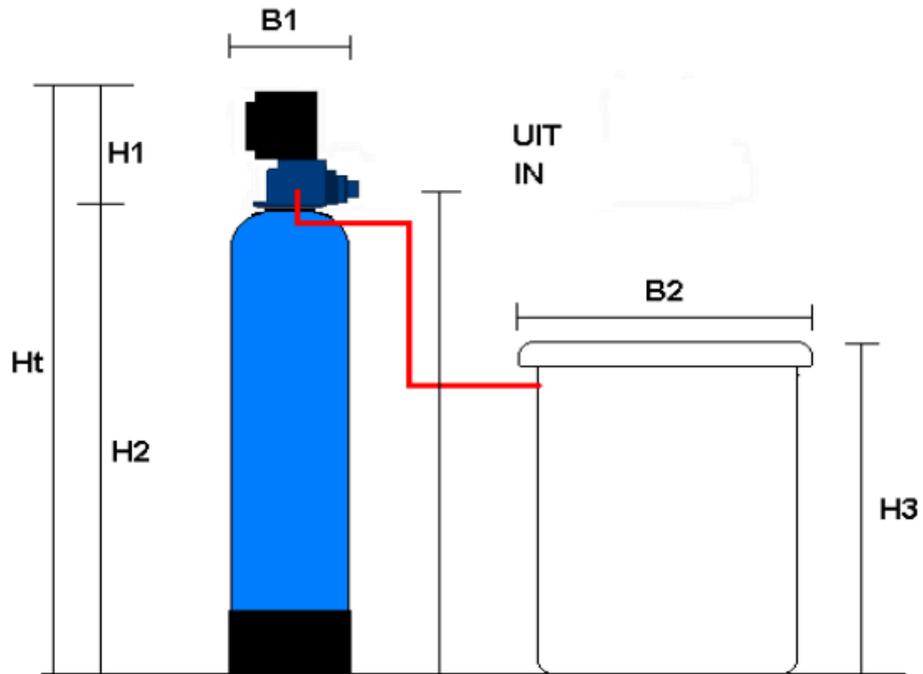
Kapacitet: 30g / liter resin

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	86	63	48	16	48	137
30	18	91	86	109	94	24	48	167