

## TECHNICAL DATA SHEET DUPLEX SOFTENERS

### CLACK WS3

#### General conditions for installation

connection IN & OUT	:	3 "	
drain connection	:	3 "	
electrical rating	:	230V 50Hz	24V transformation
power rating	:	24 W	
minimum inlet pressure	:	200 kPa	( 2 bar )
maximum inlet pressure	:	700 kPa	( 7 bar )
vacuum	:	no allowance	
average pressure loss	:	100 kPa	( 1 bar )
maximum water temperature	:	43 °C	

#### Resin

Type	:	Strong acid cation resin - softening ,food grade quality
Life span	:	15 years under normal circumstances

#### Ion exchange ( for average salt consumption of 150 g/L )

	litres of resin per tank	1000	1250	1800
Physical Capacity	kg CaCO <sub>3</sub>	50	63	90
Capacity @ 300ppm	CaCO <sub>3</sub>	166	208	300
Salt consumption	kg salt/regen.	150	187.5	270

#### Flow rate

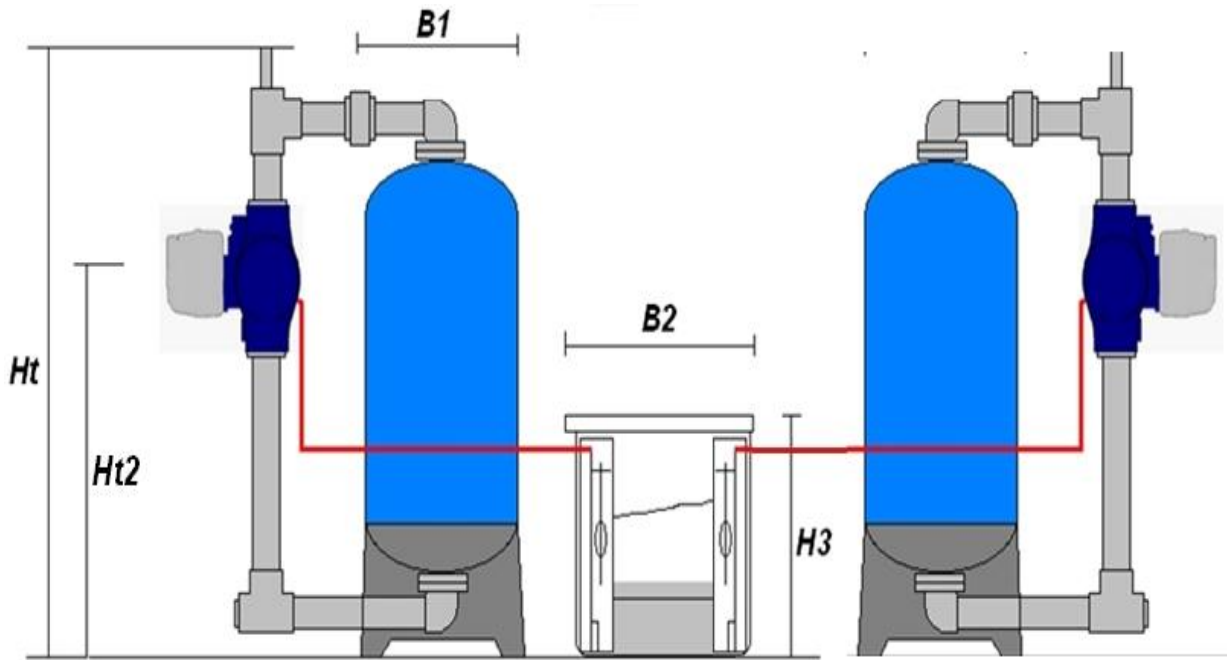
	litres of resin per tank	1000	1250	1800
nominal	m <sup>3</sup> /h	40	50	72

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

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# CLACK WS3 SIDE MOUNT SOFTENER

### Dimensions (mm)



Vessel	HEIGHT			Total Width with SM valve	Pipework
	vessel height*	Total Ht Ht	Vessel Width		
42x78	2435mm	*2735mm	1133mm	**4526mm	***
48x82	2450mm	*2750mm	1290mm	**4840mm	***
55x104	2690mm	*2990mm	1429mm	**5118mm	***

(\*) Estimated and does not include the vacuum breaker supplied

(\*\*) width with side mount valves only approximate (min)

(\*\*\*) Side mount pipework & valve supports are not included in the standard kit