

### Softeners - LT simplex series – Fleck 5600

The TL-simplex softeners from Lenntech use ion exchange to soften the water. A single Fleck controller controls a resin column and a brine tank. The Fleck 5600 can handle flow up to 2 m<sup>3</sup>/hr. The mixing valve makes it possible to adjust the remaining hardness.

Model	LT-simplex-5600-xx				
	01	02	03	04	05
Resin column (L)	20	30	40	60	80
Capacity per column (m <sup>3</sup> °D)	56*	84*	112*	168*	224*
Salt consumption per regeneration (kg)	28	42	56	84	112
Brine tank (L)	100	100	100	150	200
Height (cm)	110	110	131	142	157
Floor plan (cm) **	55 x 76	55 x 82	55 x 82	55 x 86	55 x 90

\* Calculation real capacity softener: Divide the mentioned capacity by the hardness reduction, e.g.:  
The LT-simplex-5600-01 by reduction from 8°D to 4°D has a capacity from 56 / (8-4) = 14m<sup>3</sup> before a regeneration is needed

\*\* Estimated floor plan, 1 column and 1 brine tank in most economical layout

The LT-simplex series can be equipped with several Fleck controllers, for the flow up to 2m<sup>3</sup>/hr the Fleck 5600 controller valve is most suitable and available in several types:

- Eco (volumetric), SE (electronic) and Chrono (timer).
- Hot water option (Fleck 4600)



Fleck 5600



LT-simplex system

#### Specifications:

- Flow: up to 2 m<sup>3</sup>/hr
- Connections: ¾" BSP male or 1" BSP male
- Electrical: 230 Volt
- Drain, connect to the sewer to discharge drain water
- Built in mixing valve, to adjust remaining hardness
- Flexible connections are optional; these are available from 60 to 125 cm.

The LT-twin softeners use vacuum pressed NaCl regeneration salt, this is available in 25 kg bags or per 1000kg pallet.