



ANTI SCALE DEVICE JCV-010 JCV-015 JCV-030 / JDV-050 JDV-070

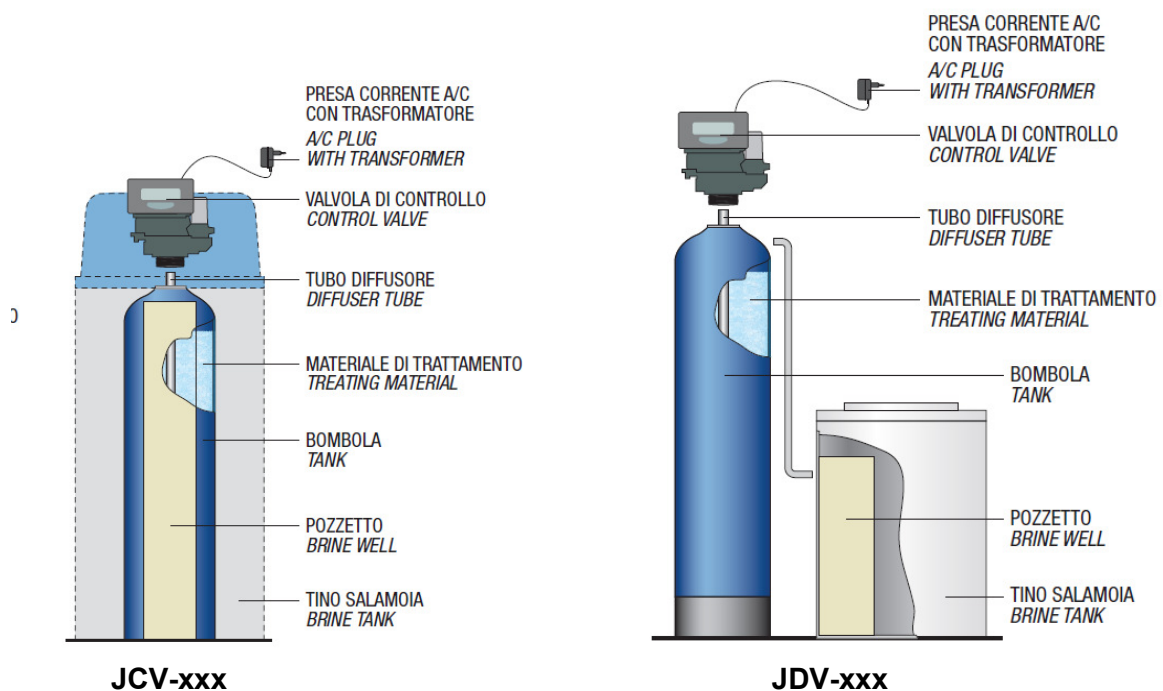
The process of water softening is the way to remove salts or calcium and magnesium (total hardness) that may form calcareous encrustations. The installation of a softener is recommended to avoid encrustations into pipelines on domestic and industrial water heating appliances to save energy and thermal efficiency.

These water softeners comes in two versions: JCV (compact model) and JDV (double body model). Both have indorsed a volumetric valve that regenerates the resin only when needed, granting the consumption of salt to the minimum.

The regeneration valve has a flow sensor and a turbine meter that checks the volume of the water treated. The regeneration starts at the selected time, while the day is chosen by the electronics according to the real water consumption, the exchange capacity and the set hardness.

The unit allows programming the following modes:

- time-volume: after reaching the set volume, at a set time.
- pure volume: immediately after reaching the set volume.



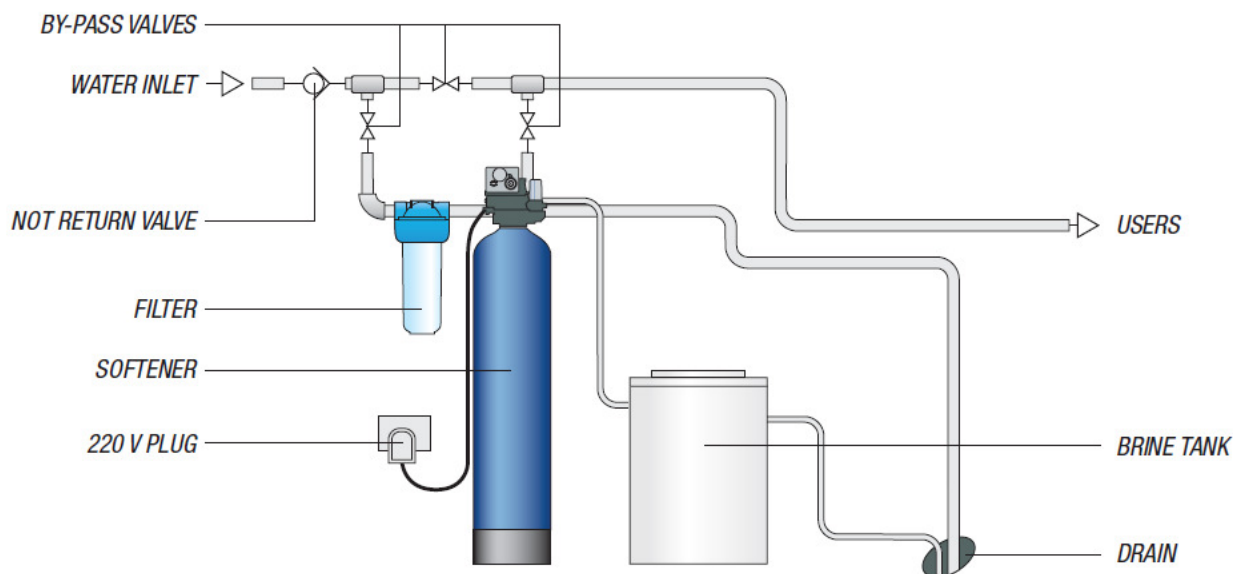
Technical Data

Model	IN/OUT Threads	Resin Volume Lt.	Cycle Capacity °Fr/m3	Average Brine Consumption Kg	Nominal flow capacity Lt./h	Dimension W x D x H mm
JCV-010	3/4"	10	60	2	1100	330x500x650
JCV-015	3/4"	15	90	3	900	330x500x1130
JCV-030	3/4"	30	180	6	1800	330x500x1130
						Diam. x H W x D x H
JDV-050	1"	50	300	7,3	2100	d.264xh1576 565X565X825
JDV-070	1"	70	420	11,3	3000	d.338xh1588 565X565X825

Model selection Table

Water consumption (liters/day)	Water Hardness				
	15-25°Fr 150-250 ppm	26-35°Fr 260-350 ppm	36-45°Fr 360-450 ppm	46-55°Fr 460-550 ppm	56-65°Fr 560-650 ppm
500	JCV-010	JCV-010	JCV-010	JCV-015	JCV-015
750-1250	JCV-015	JCV-015	JCV-030	JCV-030	JDV-050
1500-2500	JCV-030	JDV-050	JDV-050	JDV-070	JDV-070
2750-3750	JDV-050	JDV-070	JDV-070		

Typical installation:



Note: we normally supply these softeners with a by-pass valve already endorsed in the device.