

## MANUAL WATER SOFTENERS IV SERIES

The IV model is equipped with a semi-automatic valve made of nylon. The main feature of the IV model is the dispense of water even during regeneration.

The 3/8"G and 3/4"G quick-connect water connections allow quick and easy installation.

The regeneration of the resins is facilitated by the sequential phase process and is carried out by manually rotating the valve knob in 4 positions:

1. Exercise
2. Pressure relief and salt loading
3. Resin rinse
4. Backwash

Inside the valve there is a mixer that allows the hardness of the outgoing water to be adjusted.

The IV series consists of four models:

IV8 – IV12 – IV16 – IV20



LITRES OF SOFTENED WATER BASED ON HARDNESS						
°f	20	30	40	50	60	Cyclic Capacity m <sup>3</sup> .°f
°d	11	16	22	28	33	
ppm CaCO <sub>3</sub>	200	300	400	500	600	
<b>IV 8</b>	1680	1120	840	672	560	33.6
<b>IV 12</b>	2520	1680	1260	1008	840	50.4
<b>IV 16</b>	3360	2240	1680	1344	1120	67.2
<b>IV 20</b>	4200	2800	2100	1680	1400	84.0



190



TECHNICAL FEATURES				
Model	IV 8	IV 12	IV 16	IV 20
Total height h	400	500	600	900
Weight Kg	8	10	12,5	19
Capacity	8	12	16	20
Resin volume	5.6	8,4	11,2	14
Salt per regeneration	1.0 Kg	1.5 Kg	2.0 Kg	2.5 Kg

### TECHNICAL FEATURE

Infeed water pressure	0.1 – 0.8 MPa (1-8 bar)
Nominal flow rate	800 l/h
Room temperature	4°C – 35°C
Water pipe connections	3/8" G – 3/4" G



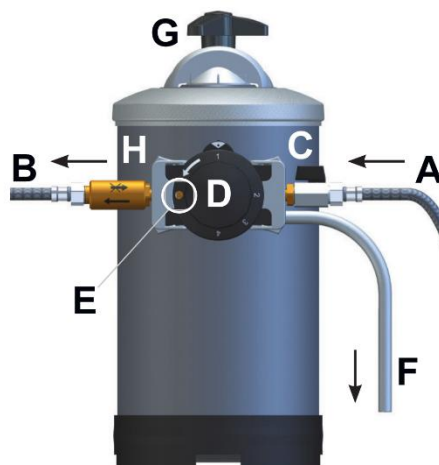
## INFEEED WATER EATURES

Infeed water must be:

- Drinkable and clear
- Its temperature shall range from 6°C to 25°C
- Water hardness shall be lower than 900 ppm CaCO<sub>3</sub> (90 °f)

## INSTALLATION ILLUSTRATION

- A- Water inlet pipe
- B- Water outlet pipe
- C- Water inlet tap
- D- IV valve
- E- Mixer
- F- Drain pipe
- G- Lid knob
- H- Non-return valve



## THE SOFTENER IS SUITABLE FOR

Coffee machines  
Glass washers and dishwashers  
Vending machines  
Professional ovens  
Ice makers



For additional information please contact us at [info@devecchigaetano.com](mailto:info@devecchigaetano.com)

### HYGIENIC SAFETY NORMS AND ICIM TESTING

This equipment has been tested by the ICIM S.p.a., the Italian Certification Institute for Mechanic, as its licensed laboratory, in order to certify its compliance with the following regulations:

- **Reg. n.1935/2004/CE** products and components in contact with elements according to the dispositions MOCA.
- **D.M. n.174/2004** products and components utilised in contact with feed water.

It is MANDATORY to use original replacements for repairs and maintenance, in order to guarantee hygienic safety and product performance.



### ORDERING CODES:

**IVN11** = SOFTENER IV8 3/8"G CONNECT.

**IVL11** = SOFTENER IV8 3/4"G CONNECT.

**IVN21** = SOFTENER IV12 3/8"G CONNECT.

**IVL21** = SOFTENER IV12 3/4"G CONNECT.

**IVN31** = SOFTENER IV16 3/8"G CONNECT.

**IVL31** = SOFTENER IV16 3/4"G CONNECT.

**IVN41** = SOFTENER IV20 3/8"G CONNECT.

**IVL41** = SOFTENER IV20 3/4"G CONNECT.