

Your Water, Perfected.



Residential & Office Building, 40 app + 36 offices In Zagreb, Croatia – Softening

Of the Sanitary Water

Summary

Location Zagreb, Croatia Address Radnička cesta Time of Installation August 2020

Key Products Installed Mechanical filtration 2" and EcoWater Systems - 2" Simplex Softener -

566l Ion-Exchange Resin

The facility



A business-residential building with 40 apartments and 36 offices, monthly water usage around 750m3. Heating delivered by Municipal Heating Plant with a heating station inside the building and heat exchangers in each flat for the purpose of sanitary water heating. Frequent failiures of the heat exchangers due to high water hardness – 20°dH. We treated the water mechanically and softening to the level of 3 °dH. The economical result will be appart from avoiding frequent repairs and purchases of new heat exchangers, protection of all the water elements and discomforts from the scale and other similar issues inside the households. The paying off the System in a few years with working costs included.

Sanitary water system

The table below sets forth the pre-treatment and water softener installed.

Municipal water come into the building system at 2" installation.

Process

Big particles are removed like rust and dust The softening of both municipal from 20 to 3°dH **Product**

2" sed. filters 80mic 2" Simplex softener 566l

Brand Nobel **EcoWater**





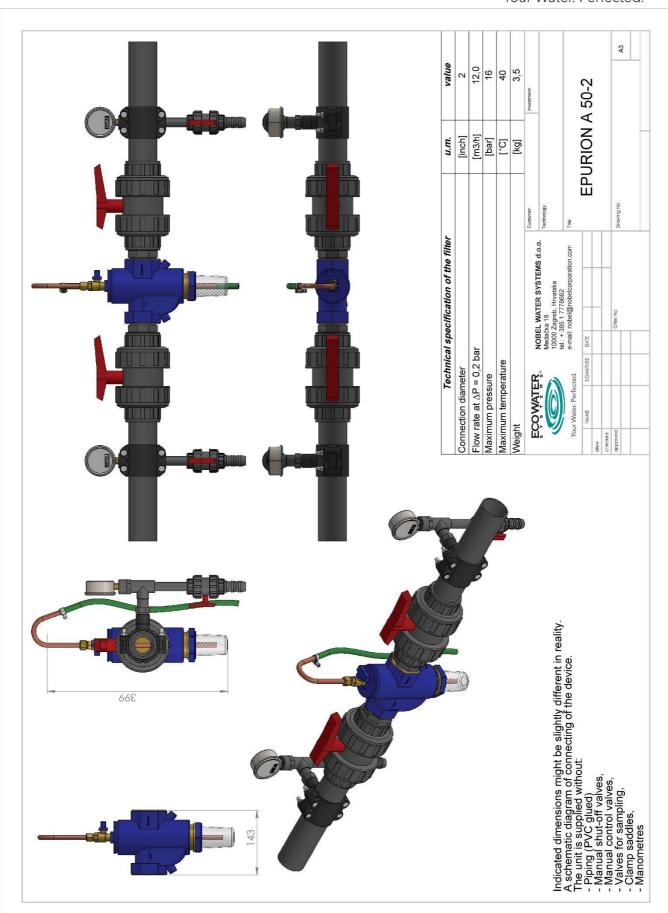
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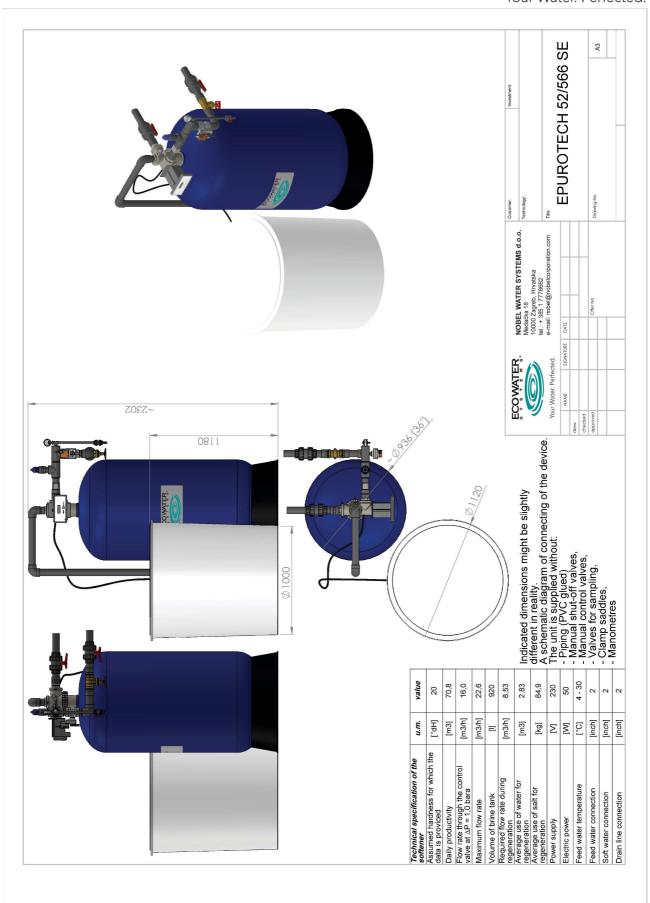
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Nobel Water Systems – EcoWater Systems exclusive distributer for SE Europe

REGULATION VALVES EPUROMIX DN32-3,5 AND DN50-8.



- · Precise regulation valves threaded
- Three-functional: cutting, regulation, measurement
- · With setting blockade
- Precise regulation of installation with the use of an electronic measure COMAP (reference 2760)
- Threaded body from bronze
- Knob with numerical scale, 40 regulation positions, every 1/10 twist
- R = Kv reduced
- Dole setting protection: blocking of setting and sealing the regulation knob
- · Possibility of reading positions from top to bottom of valve

Block diagram of the system

The EPUROMIX DN 32 set consists of 1 valve COMAP DN 32 and the EPUROMIX DN 50 set consists of 1 valve COMAP DN 50.

The above scheme shows an example of placing the EPUROMIX in the EPUROTECH softener system. Valve should be assembled on the hydraulic by-pass pipeline and its objective is to choke the flow rate of the hard water to the value making possible achieving (after mixing with soft water) result water with the requested hardness.

