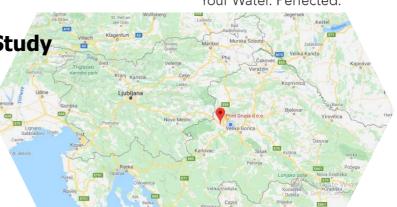


Your Water, Perfected.

Nobel Water Systems Case Study

Printing Company, Water
Purification System for the
Humidification of the Production
Plant in Brezje, Croatia



Summary

Location Company Name Time of Installation Key Products Brezje, Croatia Print Grupa March 2019

Installed Mechanical filtration 1"; EcoWater Systems - 1" Duplex Softener - 2x50l Ion-Exchange Resin; BigBlue sediment and carbon prefiltration; R.O. purification system BlueWater 1600GPD; Back-up R.O. purification system Nobel 800GPD; purified water tank 700l; Booster Pressure Pump; UV-Sterilization unit



The facility

PRINT GRUPA has been on the market since 1997, and since 2013 it has been a partner with NS PLAKAT from Novi Sad. Print Group headquarters, with a production area of 3,000 m², are located in Brezje near Zagreb.

The company consists of sales, finance, production and logistics and marketing sectors that employ 105 employees. In their printing plant they installed adiabatic humidification system which started to produce dust inside the plant for the reason of unpure water. The system is 24/7 active and the reaction was needed fast so we resolved it with

the system as following description.

Water purification system supplying the humidification system of the plant

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

Municipal water come into system which is maintained by a pressure vessels per 200l controlled with pressure regulation valve at 2" installation.

Process

Big particles are removed like rust and dust Chlorine and organic matter removal Water Softening Reverse Osmosis filtration Back-up R.O. System UV Water Sterilization System Pressureless tank with Solenoid valve Booster Pressure Pump

Brand Product BigBlue 20" sediment filter Nobel BigBlue Active Carbon filter Nobel 1" duplex softener 2x50l resin **EcoWater** BlueWater Pro 1600GPD BlueWater Nobel 800GPD Nobel UV-1201 12GPM Nobel **700I PVC** N/A PMC 5 / 25 HIDROPAK N/A





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