

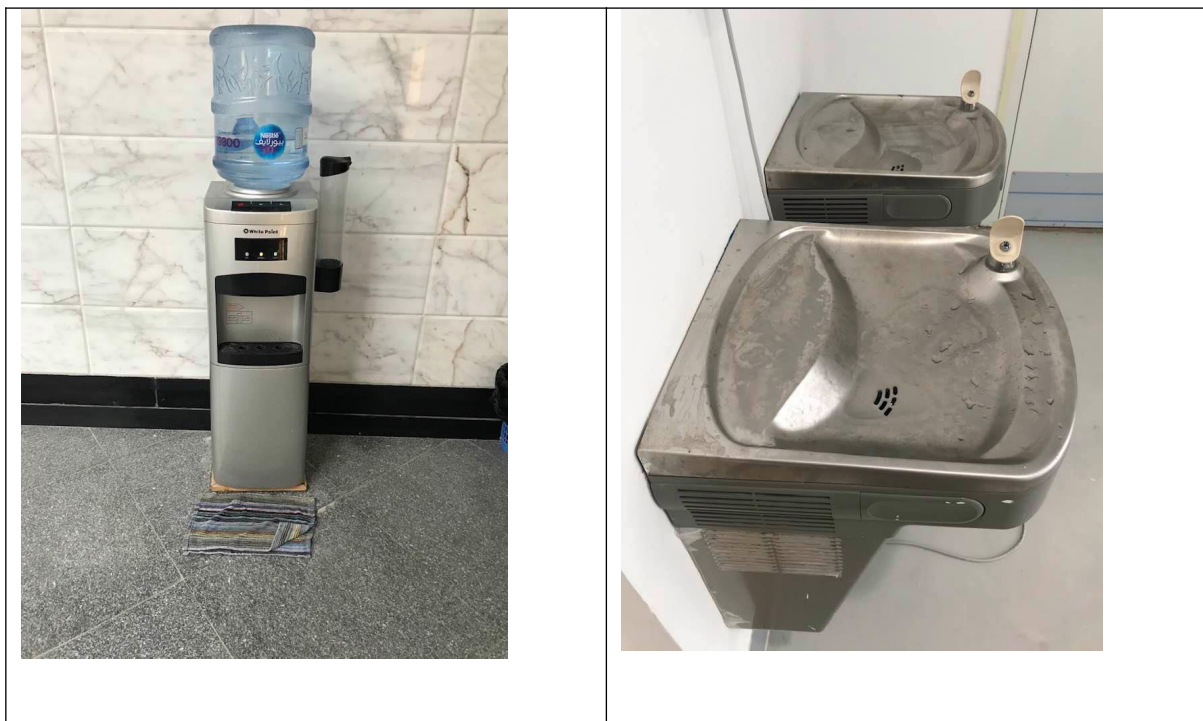
Water provided and measured across the university

Water provided from the public water supply system to each building, office, laboratory, and flat is connected to a water metering system, which measures the volume of water consumption per day. The metering units also count the amount of water utilized in the green area and landscape.



EJUST Water metering to measure water consumption (m^3/d)

Free and available when needed drinking water is provided to students by mean of water machines placed in each floor. The water machines are re-filled when emptied. They provide hot, cold, and normal temperature water.



Water machines are placed in each floor to provide free drinking water

Wall mounted drinking water fountain available for students

The campus has a desalination (Reverse osmosis) unit, with a capacity of the desalination unit is 30 m³/d. It provides water for the drinking purpose and washing raw fruits and vegetables. Generally, the influent TDS is 500 ppm, and the water quality improved at 150 ppm. The effluent from the desalination unit enters each floor using separate pipes.



Reverse osmosis desalination unit at EJUST campus, providing safe and free drinking water



Schematic diagram of the RO system



Ultraviolet (UV) unit for disinfection



Automatic control and monitoring of the RO system