



## ENGINEERED RAINWATER HARVESTING SYSTEMS

# Cooling Tower Applications



### APPLICATIONS:

- SHOPPING CENTERS
- HOTELS
- INDUSTRIAL FACILITIES
- COMMERCIAL BUILDINGS
- MULTI-RESIDENTIAL BUILDINGS
- MUNICIPAL BUILDINGS
- RECREATIONAL AND SPORTS COMPLEX
- INSTITUTIONAL BUILDINGS

## Rainwater for Cooling Tower Make-Up

Cooling Towers use a tremendous amount of potable water each year. In open tower applications, this can be as high as 2.5 GPM per ton of cooling.

With Rainwater Harvesting able to provide up to 1/3 of the water demand, Net Zero Water can provide the solution to dramatically reduce potable water use and drive sustainable and low impact development. Working with your cooling tower supplier, Net Zero Water will provide seamless integration to your cooling tower operations.

### BENEFITS OF A RAINWATER HARVESTING SYSTEM FROM NET ZERO WATER

- Extend the life of current ground or surface water resources
- Reduce the demand and stress on all aspects of municipal infrastructure including storm water and fresh water distribution and treatment
- Incorporating RWH in project design and construction plays an important role in Low Impact Development (LID) and community sustainability planning
- Create a favourable Return on Investment (ROI) by utilizing free rainwater against rapidly rising municipal water costs and associated fees
- LEED credits can be achieved through potable water reduction and meeting stormwater management runoff reduction criteria

## ENGINEERING MADE EASY

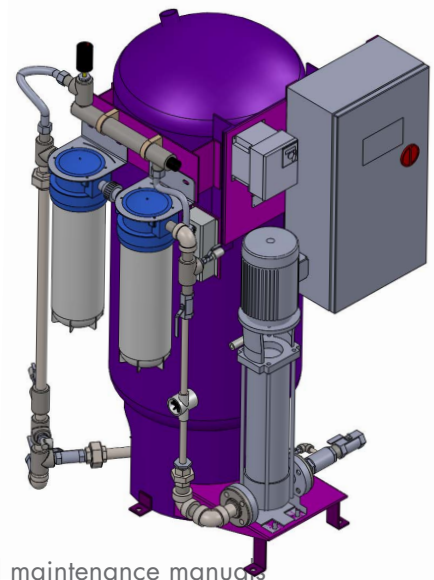
# Complete Rainwater Harvesting Systems designed for Cooling Towers

We make it simple for you. We understand the issues and Net Zero Water is your single source for concept, design, system assembly, service and support.

Our team's industry leading knowledge and experience is evident in everything we build. This is critical in order to bring pumps, water treatment and controls together in a highly functional and user friendly Rainwater Harvesting Package. Canadian owned and based in Fergus Ontario, Net Zero Water sources components primarily throughout North America ensuring the highest quality and support.

## COOLING TOWER RAINWATER PACKAGE FEATURES

- Compact package for quick and easy installation
- Modular design for indoor installation with limited space
- Fully integrated & programmed to run as required
- Filtration including disinfection
- Control panel includes 7" colour touch screen and PLC controls
- Variable Frequency Drive for economical pump speed control
- Compatible with most Building Automation Systems



## CAPABILITIES & DELIVERABLES

- Package is hydrostatically tested and ESA approved
- System is set and tested to your site specific installation
- Complete design and specifications available
- Solidworks 3D drawings
- Operations and maintenance manuals
- Start-up, commissioning and training
- Complete system maintenance and service programs available
- Remote access for data logging, trouble shooting is also available

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## CONTACT INFO