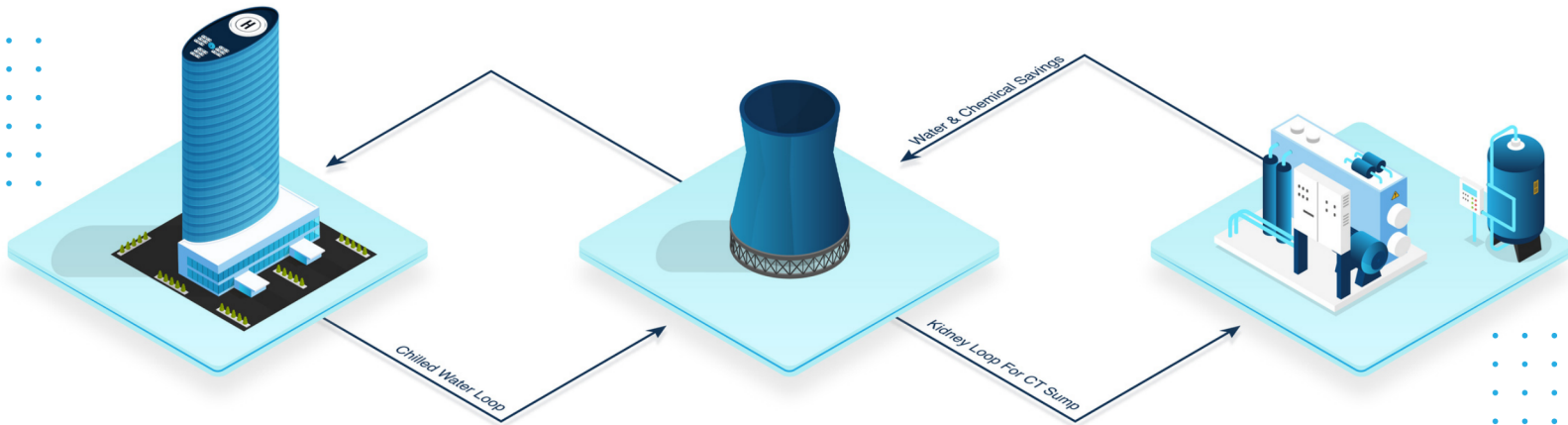




wahaso™
WATER HARVESTING SOLUTIONS

WAHASO COOLING TOWER REUSE SYSTEM



COOLING TOWER BLOWDOWN RECYCLING SYSTEM

CT RECOVER - WAHASO'S REUSE SYSTEM...

is for commercial and industrial facilities with 200 ton or larger cooling towers. This equipment takes concentrated water and polishes it for reuse. It will improve water quality and reduce chemical usage with less cost and more efficiency than separators, sand filters and screen filters.

WE OFFER A WAY TO INCREASE THE CYCLES OF COOLING TOWER USAGE, even with challenging water quality.

LARGER COOLING TOWERS...

can use over 40,000 gallons of water per day. Hard water can also reduce the cycles of concentration making cooling towers less efficient. The solutions available for handling blowdown have, until recently, been inadequate for facility managers to meet sustainability requirements.



Up to 75%
water savings
Up to 50%
chemical savings
Up to 12
COCs



wahaso™
WATER HARVESTING SOLUTIONS

WAHASO CT RECOVER TECHNOLOGY



TECHNOLOGY

WAHASO TECHNOLOGY

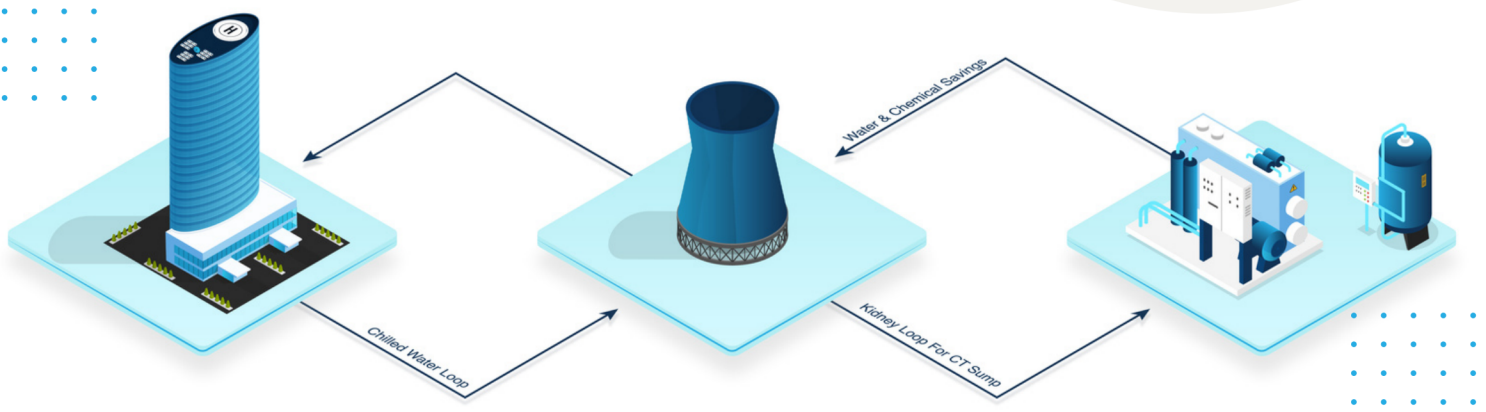
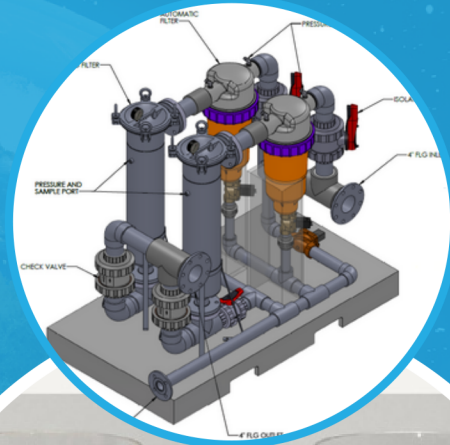
Wahaso uses filtration technology that provides a physical barrier between the blowdown and clean water that is safe for metal surfaces.

FILTRATION

The Wahaso system uses PES filtration to filter TSS, BOD, COD, and oil and grease. This includes substances that enter the water stream from the air or from mechanical equipment.

SANITATION

In addition to removing chemicals from water the Wahaso system also will significantly reduce bacteria and viruses such as legionella.



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WATER HARVESTING SOLUTIONS

WAHASO CT RECOVER SYSTEM BENEFITS

LOW MAINTENANCE

RELIABLE FOR LONG INTERVALS

Reliable for long intervals with minimum maintenance required. The system backwashes automatically and system controls alert operators to status of primary components.

SCALABLE

CAN BE SCALED

The Wahaso System can be scaled to treat 5 GPM to 100 GPM. The only real limitation is the available mechanical space.

AUTOMATED CONTROLS AND REPORTING

PROPRIETARY CONTROL SYSTEM

Wahaso's Proprietary Control System monitors all system activity. Data and alarms are reported locally and communicated to the Building Automation System through BACNET or MODBUS.

INTEGRATED SYSTEM DESIGN

PROPRIETARY CONTROL SYSTEM

Comprehensive system designs include all pumps, storage, filtration and controls. Systems are pre-built on skids, tested and delivered ready for installation.



WATER QUALITY DATA

Turbidity	≤ 0.5 NTU
TSS	none detected
pH	6.0 - 9.0 pH will be the same as influent
E.coli	7 log reduction none detected
CBOD	≤ 2mg/L MDL
Odor	no odor