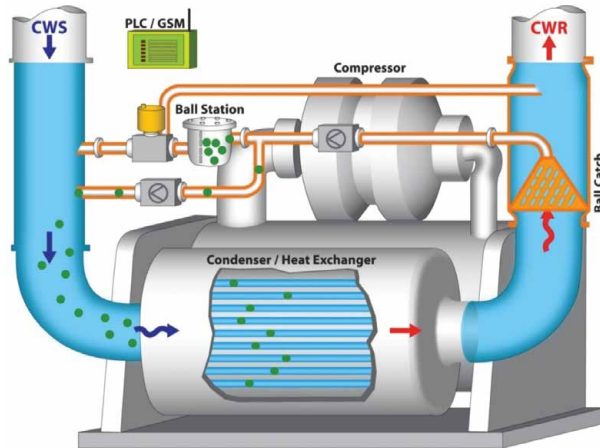


HYDROBALL – AUTOMATIC TUBE CLEANING SYSTEM (NON-POWERED)



WHY IS IT GREEN?

HydroBall system is the perfect cost-effective solution that eliminates equipment downtime and optimizes energy utilisation of water-cooled heat exchangers (including chillers) by automatically keeping heat exchanger tubes perpetually free from effects of scaling and particulate fouling. This ensures optimal heat exchange efficiency, contributing to prevention of unnecessary energy loss and low total-cost-of-use.

There is no use of pumps, compressors or diverters, or any need for discharge of water during operation. There is also a viewing glass at both the Ball Station and Ball catch to enable visual monitoring of the sponge balls.

HydroBall System's innovative design and comprehensive maintenance program enables it to make the following performance guarantees:

- Zero occurrence of missing sponge balls during use
- No uptrend in Condenser Approach Temperature

The design of the system aims to:

- Minimise energy consumption by removing the debris, scaling and fouling perpetually at the condenser tubes.

- Maximise chiller efficiency by maximize the heat transfer coefficient.
- Prolong equipment lifespan by reducing corrosion, debris, sludge, scaling and fouling in the condenser tubes.
- Provide the owner with an automated cleaning system with minimal human intervention. Reduce the frequency of conventional manual cleaning and thus, reduce labour cost.

Reduce shutdown time and hence increase productivity.

PRODUCT FEATURES

- Non-powered system, no external prime movers (e.g. no pumps nor air compressors) required
- Does not require bulky flow diverter
- Prevents fouling in heat exchanger tubes
- Reduces maintenance cost for manual cleaning
- Less dependence on harmful chemicals
- Longer lifespan for chillers
- Reduce energy consumption
- Higher productivity
- No discharge of cooling water required, saves water
- Negligible head loss
- Easy replacement of worn out cleaning balls
- Easy to install
- Fully Automated

APPLICABLE GBI CREDITS

NRNC	EE5, IN1
INC	EE5, IN1
NREB	EE5, IN1
IEB	EE5, IN1

PRODUCT RATINGS



COMPANY DETAILS

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