

REFLEX SERVITEC VACUUM DEGASSING SYSTEM



APPLICABLE GBI CREDITS

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

COMPANY DETAILS

ULTIMATE CONTROL ENGINEERING SDN BHD

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WHY IS IT GREEN?

No hydronic system is completely airtight. The level of air in any hydronic system increases over time, if left unchecked, it may lead to system noises, pump vibration, inefficient balancing, premature component failure, corrosion damage, increased maintenance costs and energy wastage. In addition, air is a poorer carrier and conductor of heat than water.

A manual vented system cannot eliminate dissolved gases. Reflex Servitec degassing system is synonymous with the active degassing of dissolved gases. It eliminates all air, microbubble and saturated gases to a minimum of <3 mg/liter from the system. Servitec degasser removes part of water flow from the system, degassing it under vacuum condition and feed it back into the system. This virtually gas-free water, is circulated back into the system to absorb air pockets and saturated gases from the water in the system.

PRODUCT FEATURES

The latest generation of Reflex Servitec degassing system sets a new benchmark in the industry, with a software system created for the most efficient degassing function for a variety of site conditions. This significantly increases degassing performance and also enables the unit to be networked with other systems.

The vacuum spray tube has an optimised height and diameter ratio for efficient atomisation of the water, right at the start of the degassing cycle; providing immediate energy savings for chilled and hot water systems.

PRODUCT CERTIFICATION & COMPLIANCE

- Singapore Green Building Product Certificate
- ISO 9001

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