

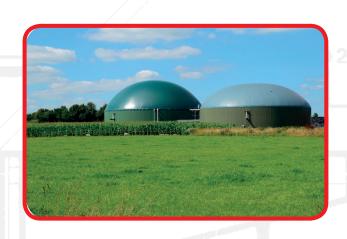
Digester Recirculation

RG – Ecology and Environment

Anaerobic Digester

Anaerobic digestion is the process by which organic matter such as animal or food waste is broken down to produce biogas and bio-fertilizer.

This process happens in the absence of oxygen in a sealed, oxygen-free tank called anaerobic digester





Application : Digester Recirculation

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PUMP: RGB 50 20AR 2C11 L600 3

PERFORMANCE: Flow 20m3/h – head 59 m

LIQUID: grape waste stillage

Pumps are used for liquid recirculation inside the digester in a biogas plant in a factory that produce wine and highly alcoholic products

The liquid contains 6-8% of fine particles that can be handled using pumps with semi-open impeller.

RG SERIES



Centrifugal pumps built according to ISO 2858/ISO 5199 norms.

Impeller type: semi-open with wear plate and external adjustment.

Discharge sizes: from DN 32 to DN 125. Maximum working pressure: 16 bar

Flow rate: up to 300 m3 /hr. Differential head: up to 95 m.

High hydraulic efficiencies and low NPSH value (investment

casting impellers).

