



## News Release

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# Separation solutions sealed up with Tetra Centri

Two new models in the Tetra Centri AirTight™ range from Tetra Pak Processing have been designed specially for processing relatively small volumes of milk and cover all dairy applications. These include hot and cold milk separation, milk clarification, bacteria removal and whey clarification or separation.



The AirTight™ design ensures gentle product treatment in all processes

For many of these processes centrifugal separation offers major advantages over forms of 'in-line' separation. For instance, clarification of whey in the Centri AirTight™ is a hygienic alternative to filters and strainers, removes up to 99% of fines and improves the skimming efficiency of the whey.

The AirTight™ design ensures gentle product treatment in all processes, preventing air from entering the product and thus providing highly efficient separation. Excluding air inside the separator maintains particle sizes in the liquid and combined with smooth product acceleration in the unit's rotating hollow spindle, ensures excellent product quality.

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Using less energy and water is obviously an environmentally sound objective. The AirTight™ design recovers energy by extracting the product from the centre of the bowl that holds the milk. Coupled with the gentle treatment of the product, this means separation is achieved with a minimum of energy and reduced product losses.

Each AirTight™ separator is able to handle a wide range of capacities without the need for mechanical modification; a useful benefit when different products are run through the same separator at variable flow rates.

Capacity depends on the type of separation being carried out. For hot milk skimming, capacities are 7000 l/hr and 10,000 l/hr for the H10 and H15 models respectively. For milk and whey clarification the smallest model has a capacity of up to 20,000 litres per hour while the D25 has a 25,000 l/hr capacity.

Alan Stack of Tetra Pak Processing UK said:

“The addition of the new Tetra Centri Airtight™ models gives us the flexibility to provide the optimum unit for a very wide range of installations and reinforces our position as the supplier of choice for separators in the UK.”

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