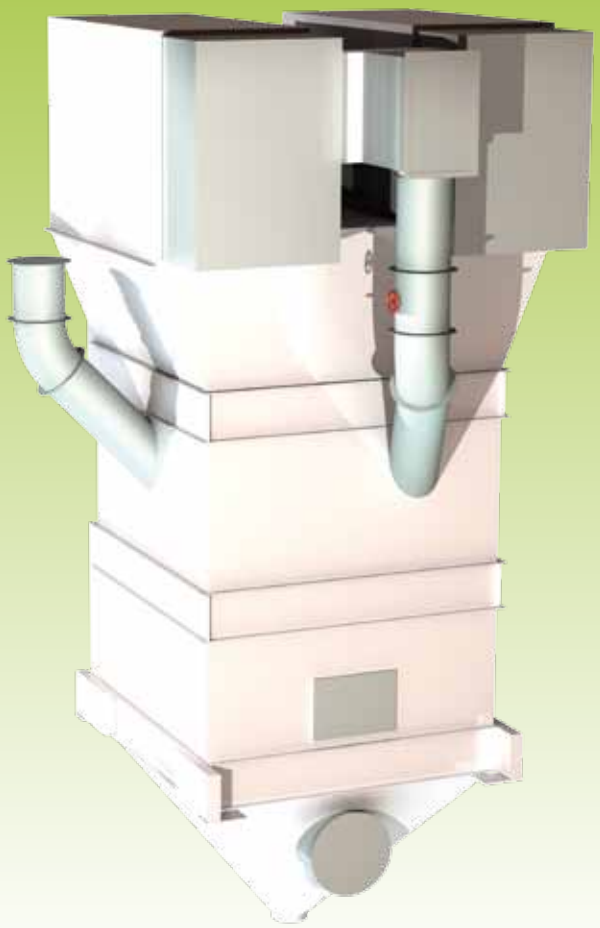
Vertical counter-flow coolers
RCCS



The cooler is designed to lower the temperature and moisture of the products to values close to ambient temperature.This operation improves the durability and preservation of the pellets.

Features

The RCCS is a machine with a simple and compact design.
It is designed to lower the maintenance costs, to limit the remaining particles that can contaminate the product or increase the amount of bacteria and mould.
The limited power cost results from an optimization of the internal air flow.
Several types and variants can meet any application with or without built-in filters.

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Vertical counter-flow coolers RCCS

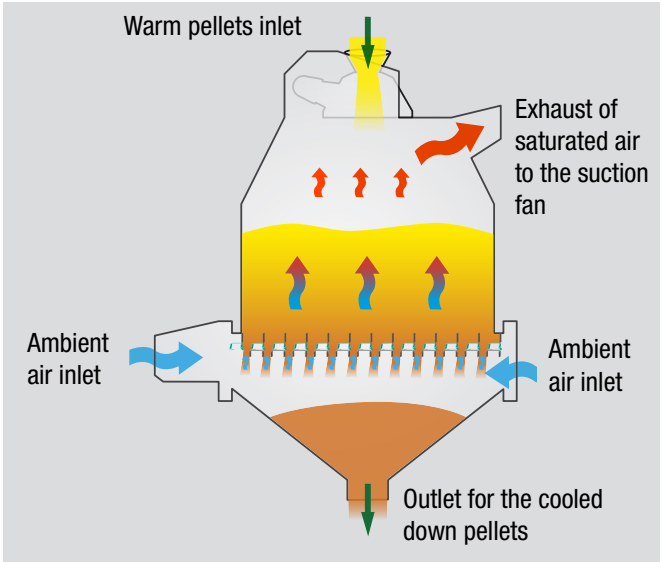
Features and options

Features

- First In First Out
- Optimized filling rate
- Output evenness
- Reliability and simplicity
- Control of the residence times and temperatures
- Dynamic optimization of the exchange areas

Options

- Possibility of several levels to lower time waste between 2 batches
- Thermal insulation
- Built-in filters
- Driven mechanically
- Drying level
- Extracting system by rotating flaps
- Inerting by gas injection
- Product layer levelling system



Working principle
(version without built-in filters)

Cooler fed
by 3 pellet mills

Cooler
with built-in filters

Extractor
with grids

Double
swivelling valve

Range	Length	Width	Area	Theorical capacity in t/h (P.S. 0.60)				
	mm	mm	m²	Pellets Ø2 mm	Pellets Ø3.5 mm	Pellets Ø6 mm	Pellets Ø8 mm	Pellets Ø10 mm
RCCS 9x8	900	900	0,8	2,7	2,2	1,7	1,4	1,2
RCCS 19x17	900	1900	1,70	5,8	4,7	3,7	3,1	2,6
RCCS 19x26	1400	1900	2,60	9,4	7,7	6,0	5,0	4,2
RCCS 19x36	1900	1900	3,60	13,0	10,6	8,3	6,9	5,8
RCCS 19x45	2400	1900	4,50	18,0	14,7	11,6	9,5	8,1
RCCS 19x55	2900	1900	5,50	22,0	18,0	14,1	11,6	9,9
RCCS 22x64	2900	2200	6,40	25,6	20,9	16,5	13,6	11,5
RCCS 22x78	3525	2200	7,75	31,0	25,4	19,9	16,4	14,0
RCCS 28x88	3200	2740	8,75	35,0	28,6	22,5	18,5	15,8
RCCS 28x100	3840	2740	10,00	40,0	32,7	25,7	21,2	18,0
RCCS 29x125	4320	2880	12,5	50	41	32,4	26,5	22,5
RCCS 29x135	4720	2880	13,5	54	44	35	28,6	24,3
RCCS 29x170	6000	2880	17	68	56	43,7	36	30,6