

# Cail & Fletcher multitube dryer-cooler



Maximize the productivity and flexibility of your sugar plant

- Maximized productivity
- Small, safe and clean
- Simple control system

Cail & Fletcher dryer-cooler is designed for all applications in cane and beet factories, or sugar refineries.

With more than 200 references worldwide, the Cail & Fletcher dryer-cooler fully satisfies the highest requirements of any plant – cane, beet or refinery.



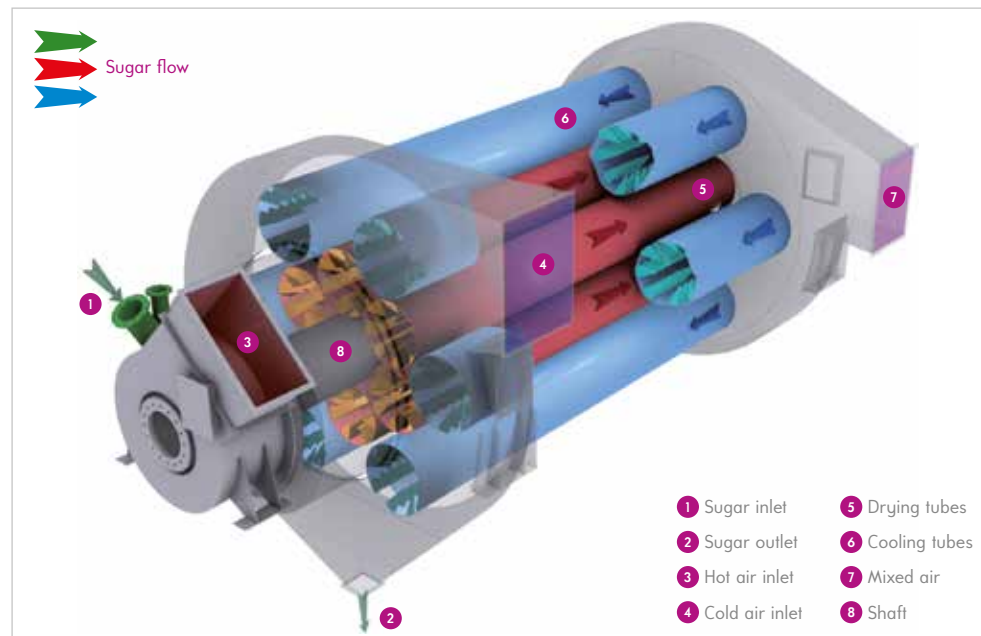
Drying and cooling tubes

### UTMOST PROCESS PERFORMANCES

- From 25 to 150 tons of sugar per hour
- Designed for all kinds of sugar (raw, refined and white)
- Low energy consumption: 2 to 4 kWh per ton of sugar
- All dryer-cooler unit operates under negative pressure
- No lubricated open device

### OPTIMAL SUGAR QUALITY

- Perfect crystal shape: short fall thanks to smaller tube diameter (compared with monotubes)
- No brightness reduction compared with fluidized bed
- Cooling at a constant temperature for a better storage or conditioning



### PERIPHERAL DEVICES AVAILABLE

- Air cooler
- Fan
- Air treatment and filtration
- Gas scrubber
- Cold air battery
- Hot air battery
- Sugar handling

### EASY INSTALLATION

- Small footprint: installation in cramped buildings
- Drying and cooling in combined equipment
- Very compact equipment, even for a limited space

### REDUCED MAINTENANCE

- Only one single drive for rotation and one fan for drying/cooling air
- Easy access to components
- Easy adaptation to capacity increase

Type	Distance between bearings* (m)	Maximum capacity** (tons of sugar per hour)
MT 40	13.5	40
MT 50	13.5	50
MT 60	15.5	60
MT 80	15.5	80
MT 90	15.5	100
MT 100	17.2	120
MT 120	17.2	150

\*+/- 0.5 m. \*\*Depending on crystal quality and site conditions.

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