



- *Ultra Compact*
- *Highly Efficient*
- *Wide Viscosity Range*

## **CALORIS CUBIX**<sup>™</sup> *Evaporators*

### **Continuously Concentrating to a Higher Percentage of Total Solids**

If you need to concentrate a product to a higher level of total solids than can be achieved in rising or falling film evaporator system designs, the **CALORIS CUBIX**<sup>™</sup> Evaporators are ideally suited. They achieve higher concentrations than any comparable system, while working just as reliably at lower concentration levels.

And the Caloris proprietary vapor separator design makes the Cubix ultra-compact—even the largest models fit under a ten-foot ceiling.

Choose from electric powered models (Cubix M) and—for locations where steam is readily available at low cost—thermoc compressor or direct steam-heated models (Cubix T and Cubix D).

Here's what makes the **CALORIS CUBIX**<sup>™</sup> so valuable:

- Corrugated heat transfer tubes optimize thermal efficiency.
- Turbulent flow through flooded tubes minimizes surface fouling.
- An optional recirculation system upgrade accommodates liquids of extreme viscosities.
- Evaporated vapors are condensed and discharged as clean water, often suitable for re-use in plant.
- The Caloris horizontal vapor separator provides ultra-compact design.
- Ideal for concentrating products containing suspended solids.
- All models available in food grade and 3-A sanitary executions.
- Low-temperature versions for all heating modes operating under higher vacuum permits processing of heat-sensitive products as low as 120° F.

## CALORIS CUBIX™ System Sizes

Cubix Model	Nominal Water Evaporation (lbs/hr)	Compressor (HP)	Energy Efficiency (lbs H <sub>2</sub> O/kW)
2	200	10	60
5	500	15	60
10	1,000	30	60
15	1,500	45	60
20	2,000	60	60
25	2,500	75	60

Read more about configuration options for the **CALORIS CUBIX™** line of evaporators online at <http://caloris.com/cubix-evaporator/>



*The **CALORIS CUBIX™** can be configured to accommodate many of the complex processing needs for wastewater applications. To contact our sales and technical specialists call 410.822.6900 or send email to [sales@caloris.com](mailto:sales@caloris.com) to discuss your specific needs and to place an order. You can also schedule a benchtop test for your waste stream or an on-site test with a pilot evaporator.*

Caloris proprietary design makes the Cubix ultra-compact—even the largest models fit under a ten-foot ceiling. The Cubix can be installed and brought online within a matter of hours.

### Questions?

Please contact Caloris at 410-822-6900 or [info@caloris.com](mailto:info@caloris.com).

### Caloris Compact Evaporators

The Cubix is one of Caloris' full line of compact evaporator systems that can be installed and brought online within a matter of hours or days, instead of the weeks or months typical for site-assembled evaporators.

Caloris units deliver the most evaporation power within the least square footage and vertical space. Process building costs shrink commensurately.

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