

CONDENSAFE™

QUALITY
INNOVATION
RELIABILITY

MODULAR COMMERCIAL CONDENSATE NEUTRALIZER UNIT

FOR BOOSTING TREATMENT CAPACITY

CondensSAFE's commercial version allows users to neutralize acidic condensate in boilers with a 3,500 MBH capacity (1,026 kWh). Equipped with a stainless steel plate, each unit is made of rugged rotomolded plastic containing Calefactio's own engineered media. Its modular design means up to 3 CondensSAFE units can be installed in series, tripling treatment capacity to 10,500 MBH.

MODEL	CAPACITY	MAX. TREATMENT VOLUME PER HOUR		HEIGHT		FOOTPRINT		CONNECTION	
		gal	L	in	mm	in	mm	INLET	OUTLET
CSC28	3500 MBH 1026 KwH	28	106	7.5	190	16 ¼ × 10 ½	414 × 267	1 in MNPT	1 in FNPT
2X CSC28	7000 MBH 2052 KwH	56	212			16 ¼ × 23 ¾*	414 × 603*		
3X CSC28	10500 MBH 3078 KwH	84	318			16 ¼ × 37*	414 × 940*		

*If used in series with connectors.



For additional details, please contact our Technical Services at **1 (450) 951-0818**
or email **info@calefactio.com**

calefactio.com

FEATURES

Modular units can be installed in series (max. 3 units) to boost treatment capacity

Rugged, durable lid and tank

Comes with Calefactio's own engineered media

Environmentally friendly

Easy maintenance & media changes

Economical



INSTALLATION IN SERIES

Calefactio's commercial CondensSAFE units can be set up by connecting 3 units together, in series, tripling treatment capacity from 3,500 MBH (1,026 kWh) to 10,500 MBH (3,078 kWh). Maintenance is even easier with our Connector Kit (#CSCUK).

Ensuring quality treatments, units should be installed in series, thereby allowing the condensate to flow through the entire treatment chain.



TECHNICAL DATA

All condensate flows through Calefactio's own thick layer of engineered media

Optimized treatment via upfeed inlet

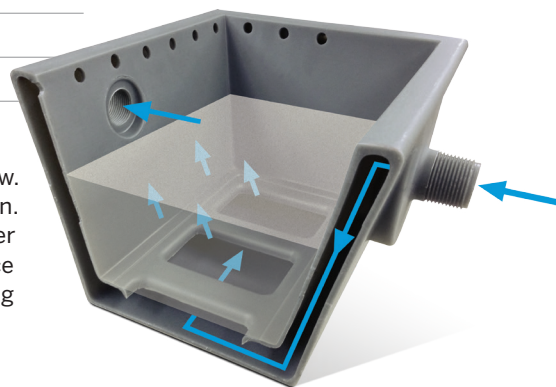
Integrated overflow protection

Easy to clean stainless steel plate – 53 sq in (342 cm²)

Commercial CondensSAFE units are designed to optimize raw condensate flow. A double walled reactor features additional buffer volume for preneutralization. Preneutralized condensate flows up vertically through the reactive media. A layer several centimetres thick of neutralized condensate is always present on the surface of the media, minimizing direct gas exchange between the ambient air, containing CO₂, and the media.

This flow method features a number of major advantages:

- Better spatial distribution of condensate throughout the reactor
- Better drainage with no loss of CO₂-enriched ambient air
- Better contact between the condensate and the neutralizing media
- Less risk of media cementation
- Extended product service life
- Reduces likelihood of channeling



Information contained in this document is based on the latest data available at the time of publication, and serves as a general introduction to our products. The accuracy of this information cannot be guaranteed. Our products are regularly improved and product specification sheets may change without prior notice.

Calefactio Solutions Inc.
Quebec (Canada)

T 450 951.0818
F 450 951.2165

calefactio.com
info@calefactio.com