

CONDENSAFE™

QUALITY
INNOVATION
RELIABILITY

MODULAR COMMERCIAL CONDENSATE NEUTRALIZER UNIT

FOR BOOSTING TREATMENT CAPACITY

CondenSAFE'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 CondenSAFE 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	3 500 MBH 1 026 KwH	28	106			16 ¼ × 10 ½	414 × 267		
2X CSC28	7 000 MBH 2 052 KwH	56	212	7.5	190	16 ¼ × 23 ¾*	414 × 603*	1 in MNPT	1 in FNPT
3X CSC28	10 500 MBH 3 078 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.



2 x CSC28

TECHNICAL DATA

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

Optimized treatment via upfeed inlet

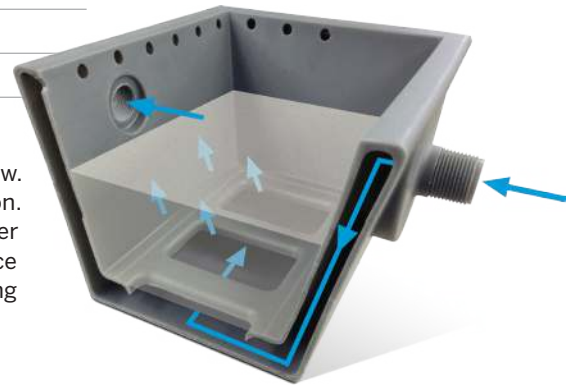
Integrated overflow protection

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.

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