

CONDENSAFE™

QUALITY

INNOVATION

RELIABILITY

Project: _____

Representative: _____

Location: _____

Dated submitted: _____

Engineer: _____

Approved by: _____

Contractor: _____

Date of approval: _____

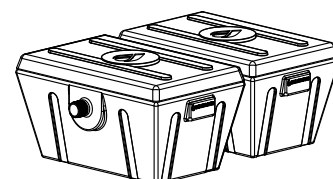
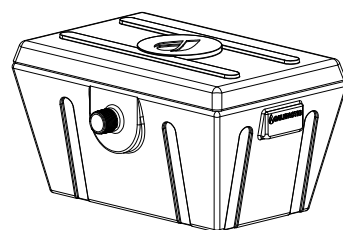
DESCRIPTION

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. 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.

CHARACTERISTICS

MODEL	CAPACITY	MAX. TREATMENT VOLUME PER HOUR		HEIGHT		FOOTPRINT		MEDIA WEIGHT		CONNECTION	
		L	gal	mm	po	mm	in	lbs	kg	INLET	OUTLET
CSC28	3500 MBH 1026 KwH	106	28	190	7,5	414 × 267	16 ¼ × 10 ½	10,1	4,6	1 in MNPT @ 5 ½" high	1 in FNPT @ 5 ¾" high
2X CSC28	7000 MBH 2052 KwH	212	56			414 × 603*	16 ¼ × 23 ¾*	20,3	9,2		
3X CSC28	10500 MBH 3078 KwH	318	84			414 × 940*	16 ¼ × 37*	30,4	13,8		

* Check the condensate flowrate generated by your appliance.



TECHNICAL SPECIFICATIONS

- Optimized treatment via upfeed flow
- Modular
- Built in rotomolded plastic
- Using Calefactio's engineered media
- Integrated overflow protection
- Flow with no loss of CO₂-enriched ambient air

OPTION

☐ Union kit (#CSUK)

TYPICAL SPECIFICATIONS

Furnish and install as shown on plans a condensate neutralizer unit CondensSAFE manufactured by Calefactio Solutions Inc. The condensate neutralizer unit must neutralize a condensate volume of _____ L/h from a _____ MBH (_____ kWh) capacity heating device, totaling ____ CSC28 unit(s). The condensate neutralizer must allow upfeed flow, be built in rotomolded plastic, offer a double wall acting as a buffer and must be equipped with integrated overflow protection.

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