

# CT-TW

Thermal-Wet

**PFEIFFER**   
VACUUM+FAB SOLUTIONS

Part of the **BUSCH** GROUP



## Efficient

Electrically heated waste gas treatment system with integrated wet scrubber

## Flexible

Customizable design to match specific process requirements

## Easy servicing

Service-relevant access only on front side, disassembly in less than a minute, low total cost of ownership thanks to fewer wearing parts

Accessories, spare parts and options

- Heating jacket for waste gas inlet
- N<sub>2</sub>-heating for waste gas inlet
- Fan kit for gas exhaust

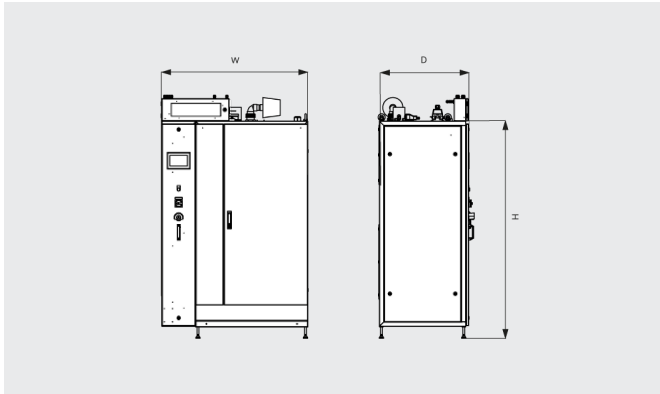
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Dimensional drawing



CT-TW	Pressure	Connection	Remarks
Power	n.a.	L1/L2/L3/N/PE	~400/208 V, 50/60 Hz
Nitrogen	7 ... 10 bar	½" ... 1" Swagelok	purity: ≥ 99 %
Sorption medium (NaOH / KOH)	< 1 bar	½" Schott	concentration: ≤ 50 %
Fresh water	3 ... 7 bar	½" Swagelok	softened water
Waste water	0 ... 2 bar	1" thread connector	temp.: 18 ... 65 °C
Cooling water inlet	4 ... 6 bar	¾" ... 1" Swagelok	temp.: 18 ... 25 °C
Cooling water outlet	0 ... 4 bar	¾" ... 1" Swagelok	temp.: 30 ... 50 °C
Waste gas inlets	-0.5 ... 130 mbar	DN25 KF flange	n.a.
Waste gas bypass	-0.5 ... 130 mbar	DN25 KF flange	connected to AEX
Clean gas exhaust	-7.5 ... -10 mbar	DN100 flange	connected to AEX
Cabinet exhaust	-0.6 ... -2.5 mbar	DN100 flange	connected to GEX
Weight approx.	n.a.	n.a.	600 kg
Dimensions (W × D × H)	n.a.	n.a.	1300 x 800 x 1930 mm
Interface	n.a.	dry contacts	n.a.

**DO YOU WANT TO KNOW MORE?**

Get in touch with us directly!



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