

# 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

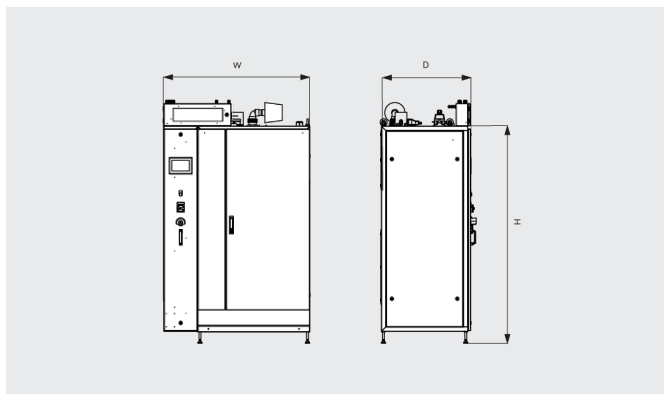
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Dimensional drawing



| 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!  
or



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