CT-BW

Burn-wet system

PFEIFFER VACUUM+FAB SOLUTIONS

Part of the BUSCH GROUP



Flexible

Customizable design to match specific process requirements

Reliable

Most widespread abatement technology with a highly efficient fuel gas burner for a wide range of applications

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_2-heating for waste gas inlet
- Mechanical burner cleaning device
- Fan kit for gas exhaust

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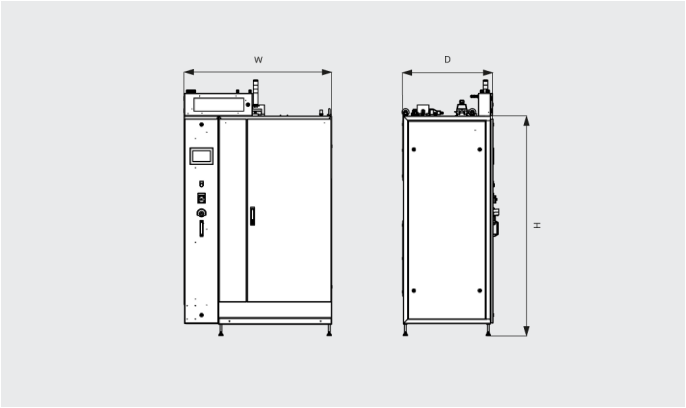
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Dimensional drawing



CT-BW	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 %
Fuel gas (CH4, H2, C3H8)	0.25 ... 1.25 bar	½" Swagelok	purity: ≥ 95 %
Oxygen	4 ... 5 bar	½" 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	DN25/40 KF flange	n.a.
Waste gas bypass	-0.5 ... 130 mbar	DN25/40 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

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CT-BW	Pressure	Connection	Remarks
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

CONTACT FORM

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