

CT-BW

Burn-wet system



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

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

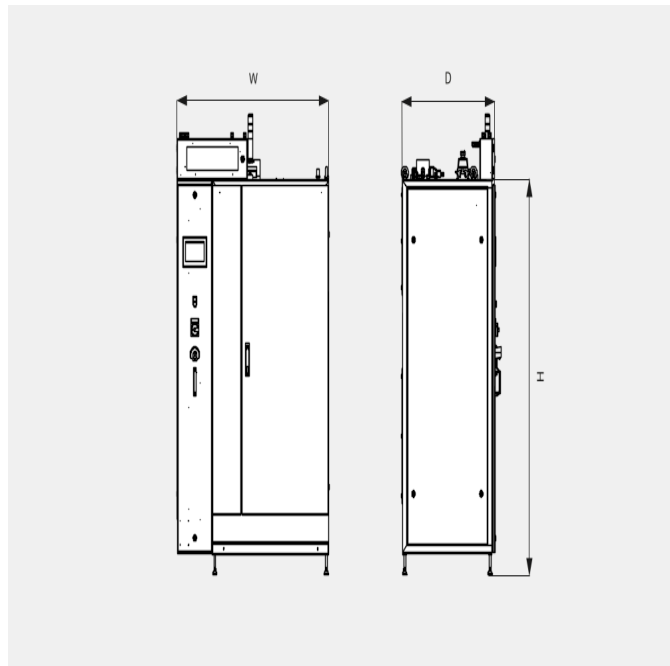
Accessories

- Heating jacket for waste gas inlet
- N#-heating for waste gas inlet
- Mechanical burner cleaning device
- Fan kit for gas exhaust

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Dimensional drawing



Pumping speed

The following technical values refer to ISO Hz

	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 %
Fuelgas (CH ₄ ,H ₂ ,C ₃ H ₈)	0.25 ... 1.25 bar	½" Swagelok	purity: # 95 %
Oxygen	4 ... 5 bar	½" Swagelok	purity: # 99 %
Sorptionmedium (NaOH/KOH)	< 1 bar	½" Schott	concentration: ≤ 50 %
Freshwater	3 ... 7 bar	½" Swagelok	softened water
Wastewater	0 ... 2 bar	1" thread connector	temp.: 18 ... 65 °C
Coolingwaterinlet	4 ... 6 bar	¾" ... 1" Swagelok	temp.: 18 ... 25 °C
Coolingwateroutlet	0 ... 4 bar	¾" ... 1" Swagelok	temp.: 30 ... 50 °C
Wastegasinlets	-0.5 ... 130 mbar	DN25/40 KF flange	n.a.
Wastegasbypass	-0.5 ... 130 mbar	DN25/40 KF flange	connected to AEX
Cleangasexhaust	-7.5 ... -10 mbar	DN100 flange	connected to AEX

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	Pressure	Connection	Remarks
Cabinetexhaust	-0.6 ... -2.5 mbar	DN100 flange	connected to GEX
Weightapprox.	n.a.	n.a.	600 kg
Interface	n.a.	dry contacts	n.a.
Dimensions (W×D×H)	n.a.	n.a.	1300 x 800 x 1930 mm

Do you want to know more

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