

OZONE REDUCTOR CAT-TH-1200

FOR DESTROYING OZONE IN OFFGAS



CAT-TH-1200

APPLICATION

Semiconductor facilities using ozone for dry and wet cleaning processes. After use ozone must be destroyed to protect environment. A thermal ozone reductor is the perfect solution, small in size, no maintenance, resistant against water vapour, acids and solvents, low power consumption, suitable for all processes with remote control features.

FEATURES

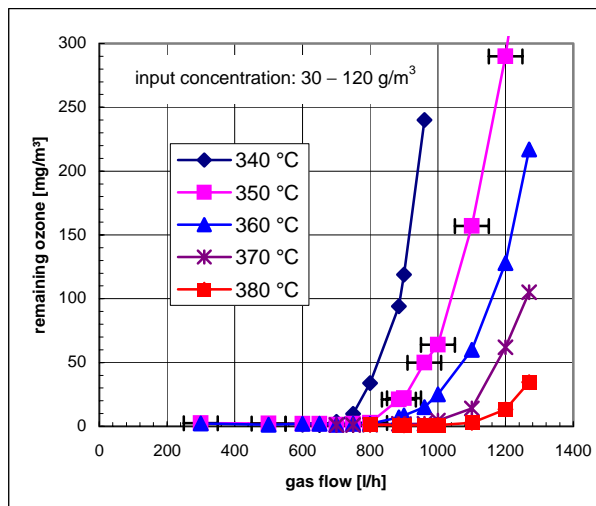


Fig. 1: Destruction rate CAT-TH-1200

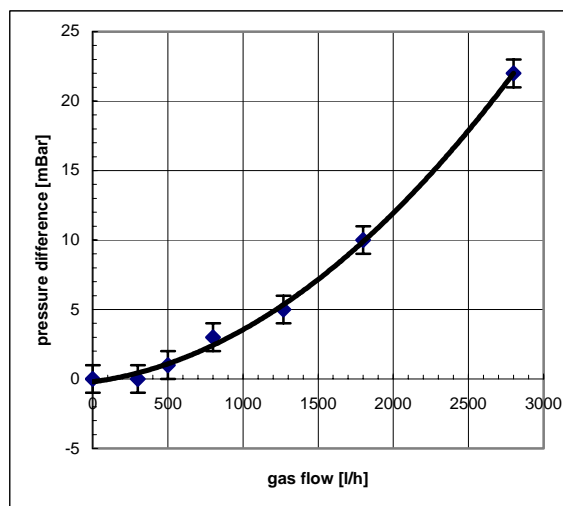


Fig. 2: Flow / pressure relation

SPECIFICATION

Gasflow, max.	1200	NI/h
Ozone concentration, max.	200	gO_3/Nm^3
Destruction rate	>90	%
Pressure, max.	2	bar (relative)
Power supply	230 / 50-60	VAC / Hz
Power consumption, max.	500	W
Fuse, thermal	double protection	
Protection class	IP 52	
Materials in contact	Stainless steel	
	Quartz / PFA available	
Ozone input fitting	3/4" NPT female	
Ozone free output fitting	stainless steel optional: 3/4" Flaretek®	
Relay: heater	semiconductor	
Relay contact: ready signal max.	24 / 2	V / A
Relay contact: alarm signal max.	24 / 2	V / A

