

VENT OZONE DESTROYER TYPE DOCAT

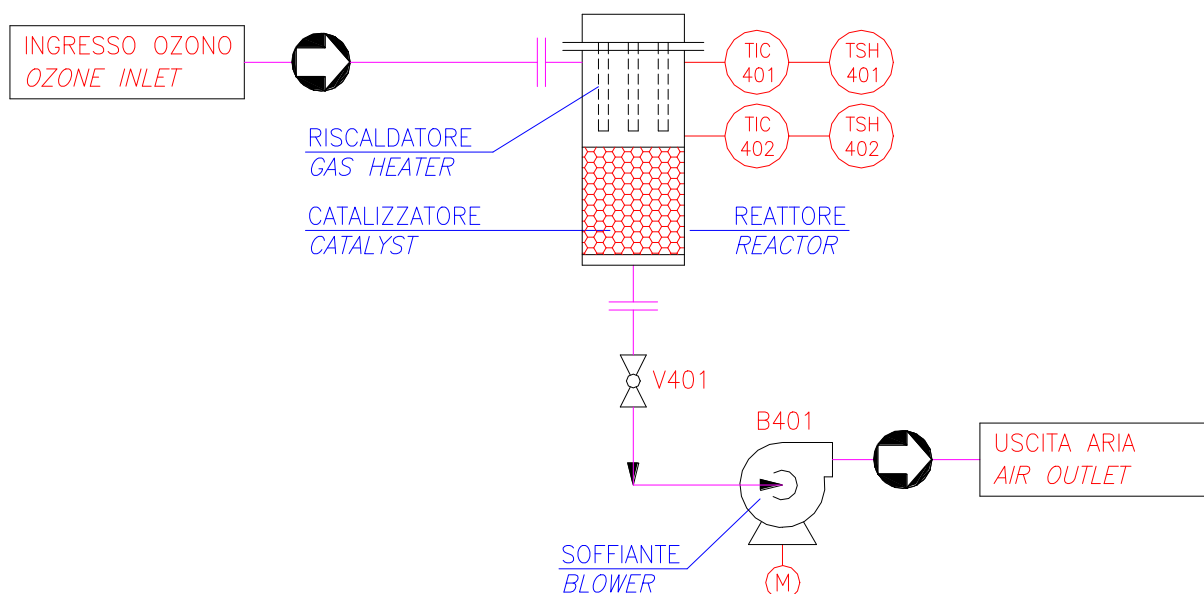


The gas leaving the ozone contact system will be freed from any possible remaining traces of ozone in the vent ozone destruction plant. The destruction of ozone is based upon the principle of thermocatalytic decomposition.

As the reaction only proceeds optimally above a minimum temperature, heating of the gas is necessary.

The plant consist of following parts:

- *gas heater*
- *reactor with catalyst*
- *controls.*



		RESISTANCE			
TYPE	Flow Nm ³ /h	Installed power (KW)	Absorbed power. (KW)	Blower power	DIMENSIONS
DOCAT 50	50	1.73	1.0	0.37	850x420x1500
DOCAT 70	70	1.73	1.4	0.37	740x535x1500
DOCAT 110	110	2.43	2.2	0.75	870x540x1610
DOCAT 160	160	3.81	3.2	1.5	900x570x1610
DOCAT 240	240	5.55	4.8	2.2	1050x650x1690
DOCAT 320	320	8.32	6.4	2.2	1250x710x1853
DOCAT 400	400	10.40	8.0	2.2	1200x750x1853
DOCAT 500	500	11.09	10	3	1150x800x1853



Technical data

Gas condition IN	
pressure	Temperature
0 bar	> 20 °C

Gas condition OUT	
working temperature	ozone concentration
< 60 °C	0.1 ppm

Gas heater	
type	electric
design pressure	1 bar.a
design temperature	60 °C

Materials	
blower	Alluminio/Aluminum
reactor	AISI 316
resistance	AISI 316
skid	AISI 304

Auxillary equipments	
Ozone ambient analyzer	range: 0 – 2 ppm