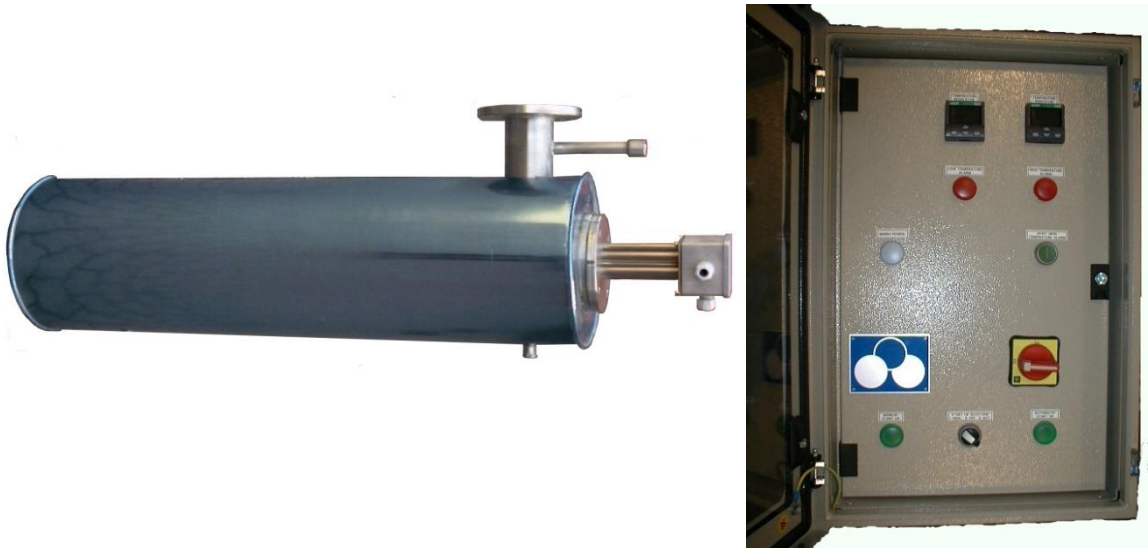


OZONE DESTRUCTOR TYPE DOT

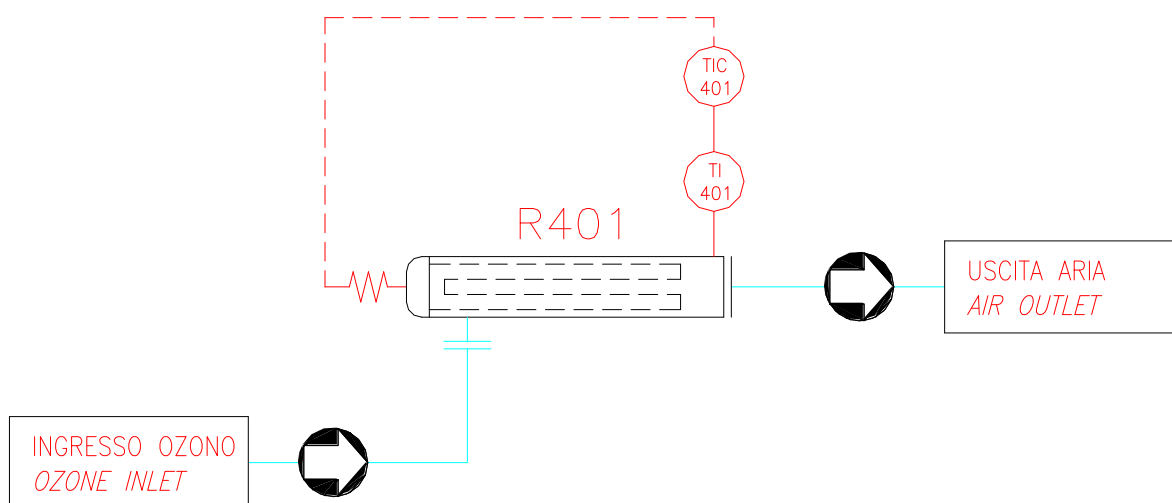


The gas leaving the ozone contact system will be freed from any possible remaining traces of ozone in the vent ozone destruction plant. The destruction of ozone is based upon the principle of thermic decomposition.

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

The plant consist of following parts:

- *gas heather*
- *reactor*
- *controls.*



Type	Flow	Installed power (KW)	Absorbed power (KW)	Dimensions
DOT 1	1	1,5	0,2	400 x 200 x 600
DOT 5	5	1,5	0,5	400 x 200 x 600
DOT 10	10	2	1	800 x 250 x 250
DOT 20	20	3	2	800 x 250 x 250
DOT 30	30	5	3	1800 x 350 x 350
DOT 50	50	7,5	5	1900 x 600 x 600
DOT 70	70	7,5	7	2300 x 600 x 600
DOT 110	110	13	11	2750 X 600 X 600



Technical data

Gas condition IN	
pressure	temperature
0 bar	> 20 °C

Gas condition OUT	
working temperature	ozone concentration
< 80 °C	0.1 ppm

Gas heater	
type	electric
design pressure	1 bar.a
design temperature	380 °C

Materials	
blower	AISI 316
reactor	AISI 316
resistance	AISI 316
skid	AISI 304

Auxillary equipments	
Ozone ambient analyzer	range: 0 – 2 ppm