



TCI INCINERATOR DATASHEET MODELS TCI-500

The TCI-500 is an environmentally friendly alternative to flaring. Combustion efficiency is 99.8% resulting in no smoke, no odor and no visible flame during normal operations. This is a preferred method when operating in sensitive areas such as near residents. TCI products are also robust, simple to use and require very little maintenance.

STANDARD FEATURES:

- 304 Stainless steel stack, long term life.
- 99.8% CCE, clean combustion.
- Electronic flame failure ignition system, reliable ignition.
- Venturi aspirated burners, good premixing of waste gas and air.
- Natural draft, no blower needed.

OPTIONS:

- Dual inlet
- Manual ignition, in lieu of electronic flame failure ignition system
- Solar power for ignition system
- Waste gas inlet flame arrestor
- Automated burner control
- Extended stack
- Stack temperature monitoring
- Alternate inlet size or type



Model	TCI-500	
Maximum Waste Gas Capacity ¹	57 MSCFD	1.61 e3m3/day
Maximum Heating Value	2.1 MMBtu/hr	
Overall Height	197"	5.00 m
Stack Length	161"	4.09 m
Stack top diameter	22.25"	0.57 m
Inlet Size and Type	3" 150# Flange	
Stack volume	27.5 ft ³	0.78 m ³

NOTES:

- 1) Actual gas capacity will depend on the type of gas burned and available pressure, consult TCI.

All data presented herein is believed to be accurate at time of publication. We reserve the right to modify or change, without prior notice, any specification, statement, or information contained herein. Any specification, statement, or information used to determine product suitability must be confirmed with TCI, in writing, at time of purchase.

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