



TCI INCINERATOR DATASHEET MODELS TCI-80

The TCI-80 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-80	
Maximum Waste Gas Capacity ¹	14.8 MSCFD	0.42 e3m3/day
Maximum Heating Value	0.61 MMBtu/hr	
Overall Height	133"	3.38 m
Stack Length	109"	2.77 m
Stack top diameter	13.5"	0.34 m
Inlet Size and Type	3" 150# Flange	
Stack volume	7.1 ft ³	0.20 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.

57 Belich Crescent, Red Deer County, Alberta, T4S 2K5

Phone: (403) 309-7731 Fax: (403) 309-7735

www.tciburners.com

© 2015 Total Combustion Inc. Rev 1

2/9/2021 3:09 PM