



+ Front View

CATCO CONTROL

Catco Control provides a solution for managing a catalytic heater based on conditions, rather than manual operation. When integrated with energy and utility companies' data-acquisition systems it supports remote monitoring and operation to prevent downtime in critical infrastructure.

Our system combines a catalytic heater with an embedded thermostatic controller inside a weatherproof housing. The housing is mounted to a terminal block enclosure that contains power and communication connections.

The control system allows users to independently control a catalytic heater based on either fluid or ambient temperature, with full control of all parameters.



+ Side View



+ Control Panel



+ Bottom View

CATCO CONTROL ADVANTAGES



COMPLETELY AUTONOMOUS

Set and forget. "Auto" mode allows the user to program heater behavior based on an input temperature and parameters.

SAFETY

The gas solenoid is only open when energized, so no gas will escape during a power outage. Safety parameters are in place to shut off the gas in the event of heater component failures.

EFFICIENT

The heater operates only when desired by the user. It maintains an adequate temperature without wasting gas.

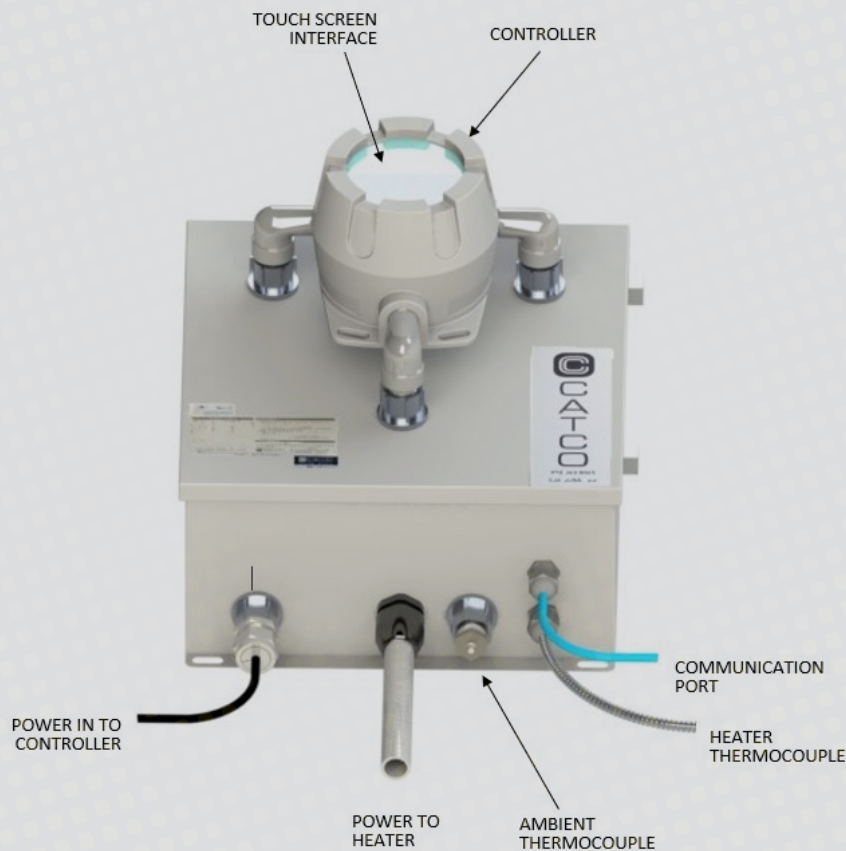
FLEXIBLE

Ambient or process temperature can be used as input temperature, or "On" mode allows continuous operation.

CONNECTED

Modbus RTU protocol capabilities allow controller communication with outside systems.





HOW IT WORKS

- 1 Place process thermocouple in gas stream or ambient temperature.
- 2 Set parameters to control heater behavior including process temperatures at which to turn the heater on and off.
- 3 Set to "Auto" mode and allow the heater to run itself.

SPECIFICATIONS

PRESSURE RATING

- Low-Pressure Regulator Maximum Allowable Inlet Pressure: 0.5 psi

ELECTRICAL RATING

- Terminal Block Operating Voltage: 12 VDC, 24 VDC, 120 VAC
- Terminal Block Rated Current: 30 A

COMMUNICATION CAPABILITIES

- Modbus RTU



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