

ALL THE ANSWERS IN ONE

- Gas Ventilation Inter-lock
- Gas Pressure Proving
- Power Monitoring
- Fan Start / Stop control
- Fan Speed Control
- Tempered Air Control
- Remote Interlocks
- One Button Set-up



CUTS INSTALLATION TIME BY 70%

Gas Ventilation
Interlock & Control

TRENT PRODUCTS

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you're in control...

THE INTELLIGENT ANSWER

RELIABLE POWER MONITORING

CaterSense uses Trent's patented current monitoring system with its highly accurate electronics with upper and lower adjustable limits making it the most reliable system on the market today.

It's the only system which can identify and differentiate between reduction in speed, belt breakage, impeller failure or motor stall, thus ensuring that the system meets the demands of the current regulation BS6173:2001.

COMPACT FAN START / STOP AND SPEED CONTROL

CaterSense is the only compact inter-lock / controller which provides full start - stop control of both the supply and extract fans, complete with inbuilt ceramic fuses and fan motor electronic over current protection as required by BS 7671:1992 IEE wiring regulations on all drives above 0.37kw.

Twin channel inbuilt speed controllers are also available and make this the only compact total solution product on the market today.

SAFE GAS PRESSURE PROVING

CaterSense is the only compact inter-lock / controller which provides full gas pressure proving at the flick of a switch as required. This enables the designer / installer to fit the same model unit and include for gas pressure proving as and when required without buying another unit.

The system also constantly monitors the gas supply to ensure that the low pressure flame out pressure is not reached before the gas supply is turned off by the unit.



AN ALL IN ONE UNIT

CaterSense enables the design and installation team to have full flexibility over the type of monitoring and control for the particular catering environment. It reduces the need for multiple boxes and controllers on the wall and offers an integrated solution in one unit.

- Massive savings on time and materials
- Reduces fixing time
- Reduces wiring and connection time
- Reduces the number of boxes on the wall
- Reduces the wall space used by 80%
- Reduces set-up and commissioning time

KEY: ▲ = Inbuilt in this model △ = Not available in this model

Start / Stop = Direct control of each fan output CO2 = Carbon Dioxide Detection GPP = Gas pressure proving

GPP + pilot = Gas pressure proving with pilot valve System demand = Interactive speed control dependent on canopy usage

Power monitor = Inbuilt fan power monitor per channel Supply air control = 0-10v output for heater battery control via inbuilt PI control loop

*CaterSense has the ability to directly control speed controller units with its 0-10v outputs and digital outputs

ANCILLARY PRODUCTS

	START / STOP	CO2 DETECTION	GPP	GPP + PILOT	SPEED CONTROL	SYSTEM DEMAND	POWER MONITOR	SUPPLY AIR CONTROL	SPEED CONTROLLERS	THYRISTORS
CATERSENSE-01	△	▲	△	△	△	△	△	△	MANUAL	▲ 0 TO 10A
CATERSENSE-02	△	▲	▲	△	△	△	△	△	AUTO 0-10V	▲ 0 TO 8A
CATERSENSE-03	▲	▲	▲	▲	▲*	△	▲	▲	SINGLE & 3 PHASE	▲ yes
CATERSENSE-04	▲	▲	▲	▲	△	▲*	▲	▲	INVERTERS	▲ 0.25 to 55kw