

. . . IAQ-Carbon Dioxide (CO₂) Transmitters

Designed to monitor IAQ/CO₂ levels in accordance with ASHRAE standards; various compact room housings mountable on a single gang switch box or duct mounting available

- Infrared sensing technology
- Measuring ranges:
0-2000, 0-2500, 0-5000 PPM CO₂
- 4-20 mA, 0-10 VDC, or 2-10 VDC transmitter signal
- 24 VAC or VDC power supply

• Options

- Relay output, adjustable
- LCD digital display



I-M307



I-8000 Series



I-5030/1

I-5005



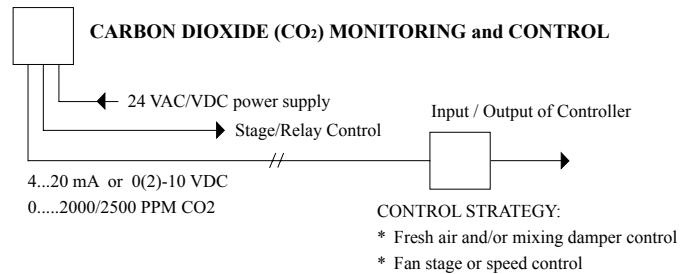
I-8041 Series



I-310eL



I-310e Series



Carbon Dioxide (CO₂) Levels:

Outside Air:	350.....450 PPM CO ₂
	450.....600 PPM CO ₂
Inside Building Air:	600.....800 PPM CO ₂
	800.....1000 PPM CO ₂
	1000....2500 PPM CO ₂
	above...2500 PPM CO ₂

Conditions and/or Solutions Required:

- Normal outside air
- Acceptable fresh air in-take
- Occasional human complaints, particularly when room temperature is on the high side
- Human complaints are more prevalent
"Increase ventilation, ie. make-up air etc."
- Major human complaints - human productivity starts to decrease - start of headaches and tiredness
"Further increase of ventilation"
- Long term effects on human health - illness, etc. - lack of human efficiency

- Notes: * Control strategy/sequence operation of the mechanical system must fulfill the local governmental requirement and/or design engineer's specification.
- * Setup the appropriate fresh air and air volume control between 600 and 1000 PPM CO₂. Also set up an alarm threshold just above 1000 PPM CO₂ (1000....1500 PPM CO₂).

INTEC Wilson Mohr provides compatible quality controls, peripherals and interface devices to the HVAC Controls, Energy Management and Building Automation markets.