



# Product Data

## iAIRE-1000 | Main Controller

### Technical Data

Voltage: 24VAC input  
 AMPS: .31  
 2x14 character LCD display  
 3 indicator lights  
 4 push button inputs



| ANALOG IN | SIGNAL    | DEVICE                        |
|-----------|-----------|-------------------------------|
| (J9)      | (0-10V)   | CO2                           |
| (J10)     | (0-10V)   | VOC                           |
| (J11)     | (0-10V)   | Econo. position reading       |
| (J12)     | (0-10V)   | Pressure1 (05V) & RTU VFD     |
| (J13)     | (4/-20mA) | Humidity/Enthalpy             |
| (J14)     | (0-5V)    | Building Pressure             |
| (J15)     | (0-5V)    | Outside Air Temperature (OAT) |
| (J16)     | (0-5V)    | Supply Air Temperature (SAT)  |

| ANALOG OUT | SIGNAL  | DEVICE                         |
|------------|---------|--------------------------------|
| OCR1A      | (0-10V) | Econo. actual position reading |
| OCR1B      | (0-10V) | mod. powered exhaust control   |

| DIGITAL IN | SIGNAL  | DIGITAL OUT | SIGNAL  | OUTPUT     |
|------------|---------|-------------|---------|------------|
| Input 1    | (24VAC) | G / OCC     | Relay 1 | (DC) COMP1 |
| Input 2    | (24VAC) | W1          | Relay 2 | (DC) COMP2 |
| Input 3    | (24VAC) | Y1          | Relay 3 | (DC) PE1   |
| Input 4    | (24VAC) | Y2          | Relay 4 | (DC) ALARM |

|               |        |
|---------------|--------|
| Communication | RS 485 |
|---------------|--------|

### Product Application

The *iAIRE* main controller is used to control the economizer actuator and all sensors to achieve outdoor air savings and clean air unlike any other system before.

### Part Number

# iAIRE - 1000

### Product Dimensions (inches [mm])



