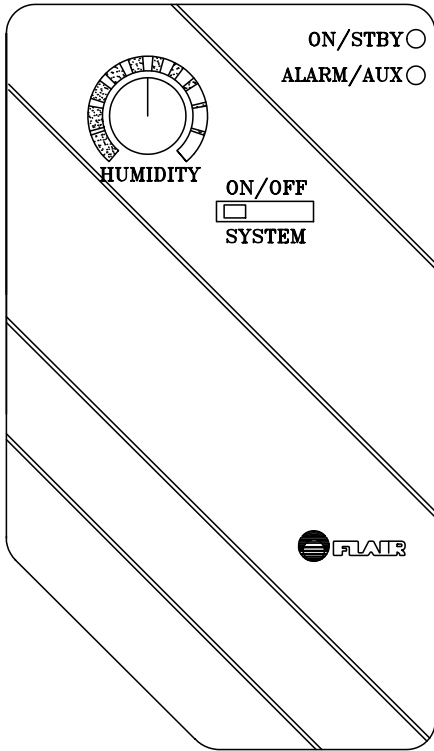


ELECTRONIC

# HUMIDITY CONTROLLER *series TE00*

For central (main) or zoned control of humidification and dehumidification systems.



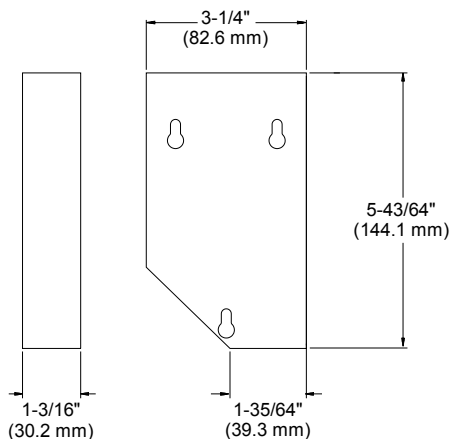
## BENEFITS & SPECIAL FEATURES

- No batteries required.
- Temperature compensation.
- Manual on/off override.
- Electronic humidity limiting and locking.
- Low and high limit humidity alarms can activate a dry contact to switch an external control.
- System status indicators.
- Relative humidity scale.
- No sub-base required.
- Attractive modern design.

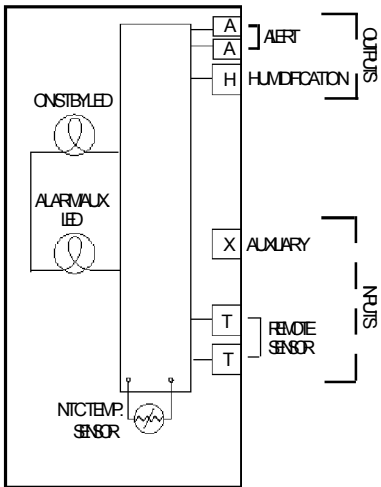
## SPECIFICATIONS

|                           |  |
|---------------------------|--|
| Operating Voltage:        | 24 vac (-15%, +10% , 50-60 Hz)   |
| Temperature Range:        | 50°F - 90°F (10°C - 32°C)  |
| Humidity Range:           | 5% - 95%   |
| Temperature Differential: | approximately ±0.8°F (.4°C)  |
| Humidity Differential:    | ± 3% 30%-70% RH  |
| Sensor System:            | Negative Temperature Coefficient (NTC)   |
| Temperature:              |  |
| Humidity:                 |  |
| Standard:                 | Internal   |
| Optional:                 | Remote   |
| Optional:                 | Outside Air  |
| Switches:                 |  |
| Slide:                    | SYSTEM: ON/OFF   |
| Rotating:                 | set HUMIDITY   |
| Indicator LED's:          | ON (Steady Green) / STBY (Flashing Green)  |
|                           | ALARM (Flashing Red) / AUX (Steady Red)  |
|                           | Electronic temperature limiting and locking.   |
| Security:                 |  |
| Dimensions:               | 5 <sup>43</sup> / <sub>64</sub> x 3 <sup>1</sup> / <sub>4</sub> x 1 <sup>3</sup> / <sub>16</sub> Inches (144.1 x 82.6 x 30.2 mm) |
| Material:                 | high impact flame retardent ABS  |
| Color:                    | matte white  |

## DIMENSIONS

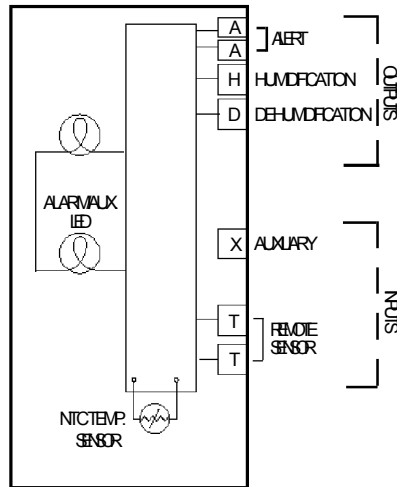


# MODEL NUMBERS AND DESCRIPTIONS FOR VARIOUS APPLICATIONS



Model Number: TE001020  
Description: Humidification (2-wire)

Switching Current at 24 VAC:  
Humidification: 1 Amp  
Alarm: 1 Amp  
Weight: .4 lbs. (880 g)

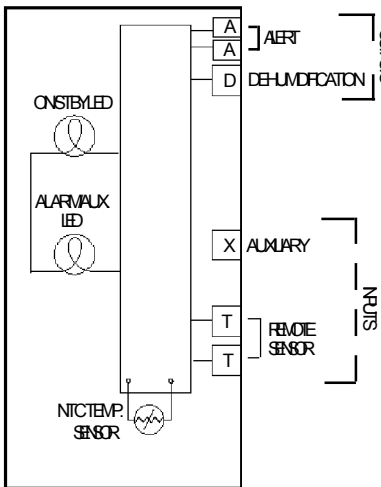


Model Number: TE001120  
Description: Humidification and Dehumidification (3-wire)

Switching Current at 24 VAC:  
Humidification: 1 Amp  
Dehumidification: 1 Amp  
Alarm: 1 Amp  
Weight: .4 lbs. (880 g)

## ACCESSORIES

|   |          |
|---|----------|
| Remote Humidity Sensor  | TX102001 |
| Return Air Humidity Sensor  | TX102011 |
| Outside Air Humidity Sensor   | TX102021 |
| Backplates may be used to cover large holes in walls or mount to utility boxes: |          |
| horizontal  | TX201001 |
| vertical  | TX202001 |
| square  | TX203001 |
| Transformers:   |          |
| 40 VA   | TR140100 |
| 20 VA   | TR120100 |
| Relay Transformers:   |          |
| 20 VA (2) SPST 120 VAC relay  | TR440200 |
| 20 VA (1) SPST 120 VAC relay  | TR440300 |



Model Number: TE001020  
Description: Dehumidification (2-wire)

Switching Current at 24 VAC:  
Dehumidification: 1 Amp  
Alarm: 1 Amp  
Weight: .4 lbs. (880 g)

## APPLICATIONS

- Central (main) humidification and dehumidification.
- Zone humidification and dehumidification.
- Residential (Single or multi-family, Apartments, Co-ops, Condominiums).
- Commercial (Stores, Restaurants, Offices).
- Industrial.
- Institutional (Hospitals, Hotels, Motels).

## REFERENCES

|   |                         |
|---|-------------------------|
| For More Information On:                  | See:                    |
| Wiring, jumper, settings and applications | Instruction sheet       |
| Other thermostats                         | This section            |
| Zone Actuators                            | Star Actuator section   |
| Zone Valves                               | Star Valve section      |
| Wiring Panels                             | Control Panels section  |
| Warranty & pricing                        | Pricing & terms section |



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**FLAIR INTERNATIONAL CORPORATION**

600 Old Willets Path • Hauppauge, New York 11788 • Tel: (516) 234-3600 • Fax: (516) 234-3610