



# TEMPERATURE

## MINCO CHILL-OUT COMBINATION SENSOR AS570 SERIES

### DESCRIPTION

The **Minco Chill-Out Combination Sensor** is two sensors in one. One sensor is for the duct average temperature and the other is used for freeze protection. The **AS570 Series** sensor provides a digital alarm contact and a 1000Ω 385 platinum resistance curve for accurate monitoring of your duct conditions. The solid state design and the 3/8" tubing eliminate concerns of gas leaks or kinking the capillary during installation. The **AS570 Series** Sensor features a ultra flexible plenum-rated PVC coated galvanized steel armor sensor case for low cut out and separate averaging sensor with flexible tubing. Switch points are factory set at 38°F (3.3°C) but are easily field adjustable. Upon a power loss the **AS570 Series** Sensor reverts to its normal state.

### FEATURES

- **Averaging sensor and low cut out sensor**
- **Solid state technology**
- **Mounts in any direction**
- **Ultra flexible**
- **Power loss detection**
- **Field adjustable**
- **Latching and non-latching relays**

NEW!

MINCO

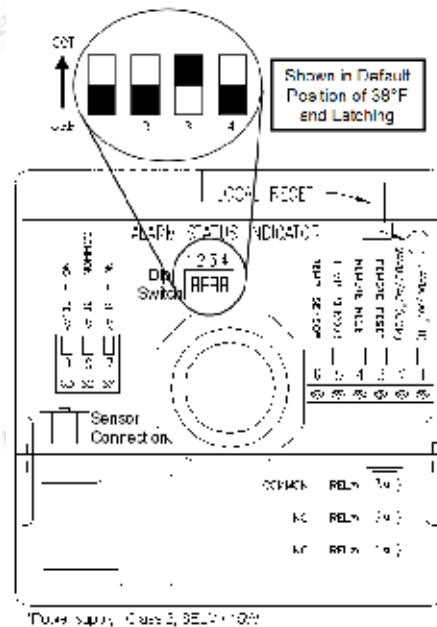


AS570

### SPECIFICATIONS

|                              |  |
|------------------------------|--|
| <b>Supply Voltage</b>        | 24 VAC ±10 @ 15 VA;<br>24 VDC ±10 @ 120 mA           |
| <b>Accuracy</b>              | ±0.9°F (±0.8°C) from 18° to 151°F<br>(-7.8° to 55°C) |
| <b>Signal Out</b>            | 1000Ω RTD 385 curve                                  |
| <b>Relay output</b>          |  |
| <b>Power</b>                 | 6A @ 120 VAC   |
| <b>Signal</b>                | 1A @ 24 VDC  |
| <b>Relay Type</b>            | SPDT   |
| <b>Operating Temperature</b> | -22°C to 158°F (-30° to 70°C)                        |
| <b>Wiring Terminations</b>   |  |
| <b>Signal</b>                | 14-24 AWG  |
| <b>Relay</b>                 | 12-24 AWG  |
| <b>Weight</b>                |  |
| <b>8 ft (2.4m)</b>           | 1.2 lb (0.54 Kg)                                     |
| <b>17 ft (5.2m)</b>          | 1.6 lb (0.72 Kg)                                     |
| <b>25 ft (7.6m)</b>          | 1.8 lb (0.82 Kg)                                     |
| <b>50 ft (15.2m)</b>         | 3.2 lb (1.5 Kg)                                      |
| <b>Approvals</b>             | UL File E211718                                      |
| <b>Warranty</b>              | 3 years  |

### WIRING





### ORDERING INFORMATION

| MODEL      | DESCRIPTION  |
|------------|--|
| AS570PF8A  | Chill-out assembly 8 foot aluminum                         |
| AS570PF8B  | Chill-out assembly 8 foot Fleible galvanized steel armour  |
| AS570PF17A | Chill-out assembly 17 foot aluminum                        |
| AS570PF17B | Chill-out assembly 17 foot Fleible galvanized steel armour |
| AS570PF25A | Chill-out assembly 25 foot aluminum                        |
| AS570PF25B | Chill-out assembly 25 foot Fleible galvanized steel armour |
| AS570PF50A | Chill-out assembly 50 foot aluminum                        |
| AS570PF50B | Chill-out assembly 17 foot Fleible galvanized steel armour |

### RELATED PRODUCTS

|           |   |
|-----------|---|
| CC-1G-K   | Plastic capillary and sensor holder mounting clip |
| DCPA-1.2  | Power supply, 120 VAC In to 24 VAC/24 VDC Out     |
| 691-K0A   | Control transformer, 120:24 VAC, 40 VA, Class 2   |
| DCP-1.5-W | Power supply, 24 VAC IN to 24 VDC OUT             |