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New Product Release:

Caleffi introduces a new, programmable ice and snow detector with microprocessor-based controller that activates a single-zone melting system. This detector uses inputs from remote sensor(s) to provide automatic early detection of ice and snow conditions. Matching sensors include slab sensors for detection on paved surfaces, or gutter sensors for detection on elevated surfaces such as rooftops, satellite dishes and gutters.

Contact Caleffi at 414-421-1000 or sales@caleffi.com and ask about their other innovative products engineered for today's hydronics.

605

[tech brochure01117](#)

Ice and snow detector activates a single zone melting system. The detector uses inputs from connected sensor(s) to provide automatic detection of ice and snow conditions. Matching sensors include slab sensors for use in the detection of ice & snow on pavement type surfaces, or gutter sensors for the detection of ice & snow on elevated surfaces such as rooftops, satellite dishes and gutters. Two sensors can be connected. Optional 150004 outdoor air temperature enables idling mode

22 VAC transformer included.
 Power consumption: 20 VA
 Dry contact output relay: 24 V
 Dry contact output rated: 6 Amp



| Code | Description | Pk | Lbs |
|----------|------------------------------|----|-----|
| 605100A | With power transformer | 1 | 2.4 |
| NA605010 | 22VAC 40VA power transformer | 1 | 1.5 |

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Temperature and moisture slab sensor with brass holding sleeve for imbedding into pavement.

Cable lengths: 65' and 165'
 Temperature rated: -25 to 175° F



| Code | Description | Pk | Lbs |
|---------|-------------|----|------|
| 605020A | 65' cable | 1 | 5.5 |
| 605021A | 165' cable | 1 | 14.8 |

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Temperature and moisture slab sensor with brass retrofit ring for mounting into old style larger diameter holding sleeve.

Cable lengths: 65' and 165'
 Temperature rated: -25 to 175° F



| Code | Description | Pk | Lbs |
|---------|-------------|----|------|
| 605050A | 65' cable | 1 | 5.2 |
| 605051A | 165' cable | 1 | 14.5 |

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Temperature and moisture gutter sensor for gutters, flat roofs and dish antennas.
 Cable length: 20'
 Temperature rated: -25 to 175° F



| Code | Description | Pk | Lbs |
|--------|-------------|----|-----|
| 605030 | 20' cable | 1 | 2.0 |

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Replacement slab sensor brass holding sleeve for 605 series slab sensors.



| Code | Description | Pk | Lbs |
|---------|--------------------------|----|-----|
| 605024A | Slab sensor sleeve | 1 | 1.3 |
| 605023A | Sleeve installation plug | 1 | 0.1 |

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Retrfit adaptor ring to mount 605 series slab sensor in old style larger diameter holding sleeves.



| Code | Description | Pk | Lbs |
|---------|--------------------------|----|-----|
| 605025A | Slab sensor adaptor ring | 1 | 0.7 |

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Outdoor air temperature (OAT) sensor for enabling idling mode with 605100A detector.
 Temperature rated: -50 to 175° F
 Thermistor type: 2,000 Ohms



| Code | Description | Pk | Lbs |
|--------|-------------|----|-----|
| 150004 | OAT sensor | 1 | 0.3 |