meitav-tec
Intelligent HVAC Temerature Controls

PYROSELF

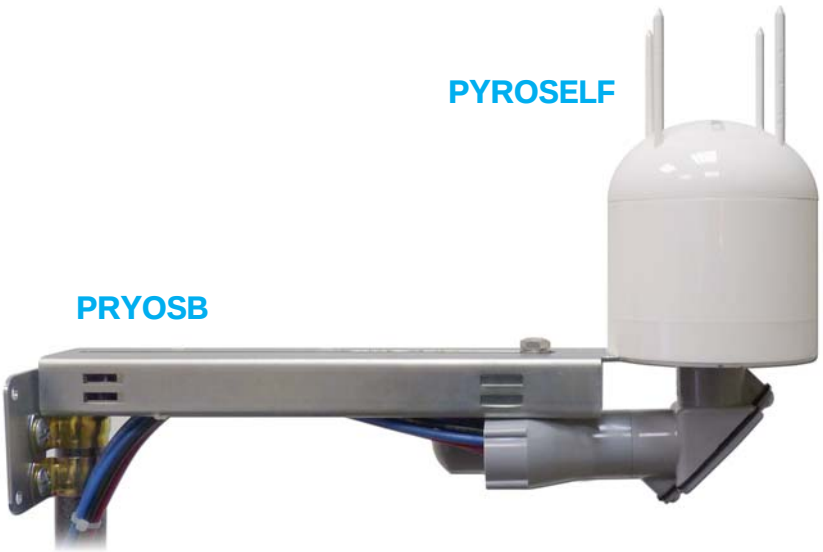
A new innovative Snow Melting Control system
The ultimate "All in One" Snow Sensor & controller
for Light commercial and residential use

For use with a high demand heating system on a regular or limited power supply source
Modular: up to 2 contactors of 24A each, 110-240VAC
Fully automated operation
Easy configuration by hand held remote control
Optional indoor wall control interface unit

- ☑ Adjustable temperature settings (^{0}C & ^{0}F)
- ☑ Variable delay time (Hold ON and OFF Time)
- ☑ User friendly programming and setting
- ☑ Adjustment using remote control with large LCD display
- ☑ Adjustable cycle time between zones while staggering
- ☑ 2 Zones control - operating together or staggering
- ☑ Easy and simple 6 wires installation
- ☑ Logical and remote access for installers during set up, commissioning & service
- ☑ Non obtrusive adjustable snow sensor wall bracket
- ☑ Suitable for all electrical frost protection systems & Apps
- ☑ Automatic/Manual/Off mode selection by switch or by remote control
- ☑ 4 vertical spikes to prevent birds nesting

Item	Part #	Description
Sensor & control	PYROSELF	Snow sensor and controller for Snow/Ice melting
Remote control	RT_PYRO	Operation and technical settings interface
Mounting bracket	PYROSB	Wall mounted, adjusted metal fixture
Indoor wall unit	IRP_PYRO	Indoor control interface unit
Extension cable	PYRO_XC10	Extension cable (10m) for indoor unit (low voltage)

PYROSELF



RT_PYRO

PRYOSB

IRP_PYRO

PYRO_XC10

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Specifications

General

Area of use	Non hazardous locations. For outdoor use
Approvals	UL (E471283) listed

Control

Supply	110-240VAC 50/60 HZ
Load	Load switching – 2 X 24A
Max. Ratings Voltage	240 VAC. Current: 48 Amps
Heater hold-on timer	0 to 300 minutes - adjustable
System test	Manual Switching from the remote control, For testing and commissioning mode
Operation status Indication	3 Leds (Green, Red, Yellow)

Enclosure

Water & Dust	NEMA Type 4 (IP67) for residential type
Mounting	Wall mounted using the PYROSB or aerial on a pole using 3/4" conduit
4 spikes	Rejects bird nesting
Material	Policarbonate

Temperature Sensor (in ternal)

Adjustable S.P. range	14°F to 50°F (-10°C to +15°C)
Sensor type	Sealed Thermistor (NTC)

Remote Control RT_PYRO

Display	LCD
Power	2 x AAA Bateries
Mounting	Wall plastic holder (included)

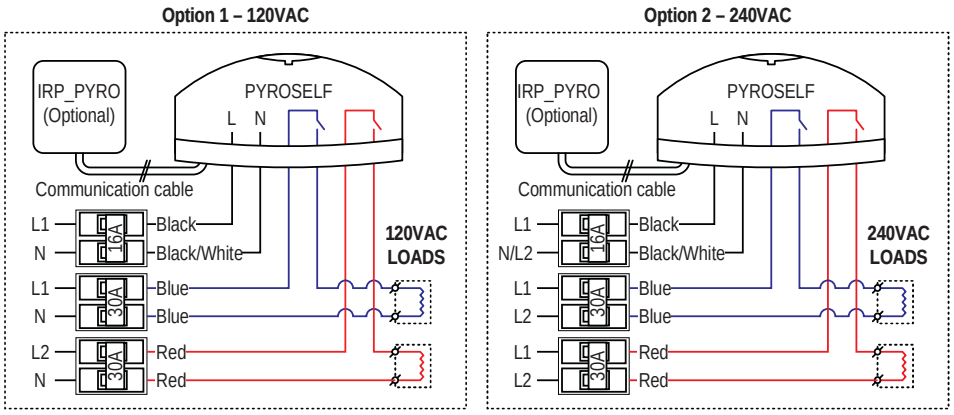
Indoor wall unit IRP_PYRO

Type	Wall mounted
Power supply	24V (From the PYROSELF)

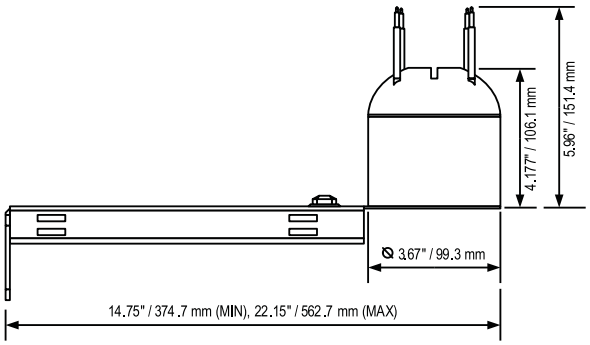
Extension Cable PYRO_XC10

Length	10m
Type	6 wires, isolated

Schematic Diagram



Dimensions



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