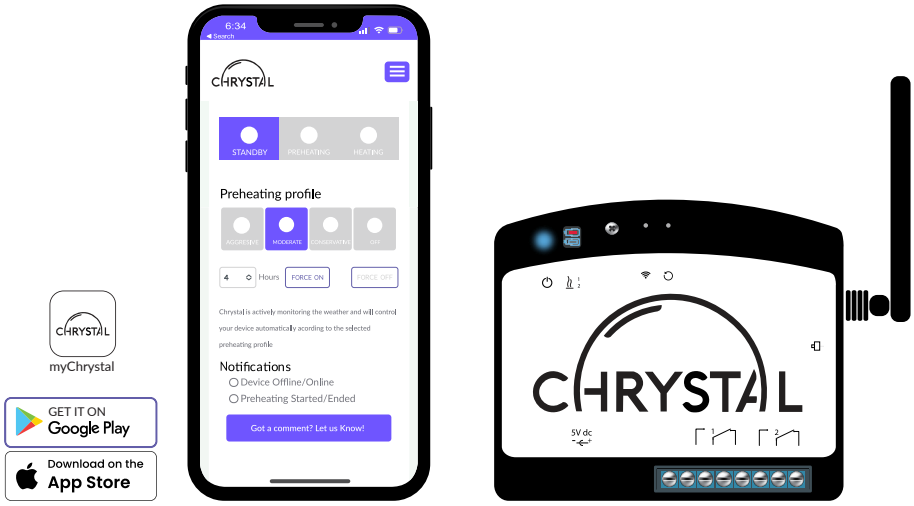
CHRYSTAL CPC401

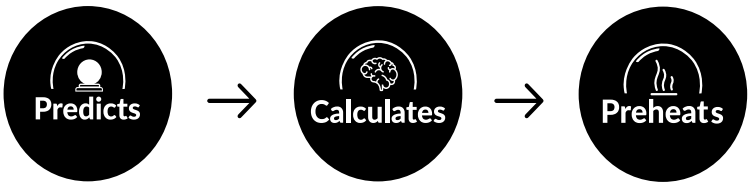
THE ORIGINAL **PREHEATING** SNOW MELTING CONTROLLER



Revolutionizing the Snow Melting industry

The Chrystal Wifi controller is designed to increase the traditional performance of snow melting systems by efficienlty activating them before snow events. ***anticipating as opposed to reacting = no snow accumulation, even in cold climate!***

HOW IT WORKS



Unlike traditional controllers, the CPC401 is powered by Smart Technology and sophisticated weather servers that allow it to effectively operate without relying on short-lived sensors all while offering customers with exciting and expandable features!

Key Features

- Efficient Preheating Algorithm
- Real-time Geo location detection
- Supports 2 zone Heating
- 4 Heating profiles
- Remote monitoring & control
- Reporting and Notifications
- Compatible with both Hydronic & Electric Heating Cable Systems
- Over the Air automatic updates
- Secure communication
- Connects to Wifi or Ethernet
- No sensor required

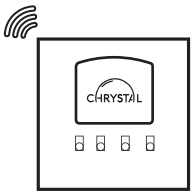
Product Applications

Electric Heating Cable Snow Melting Systems *(Increasing Performance)*

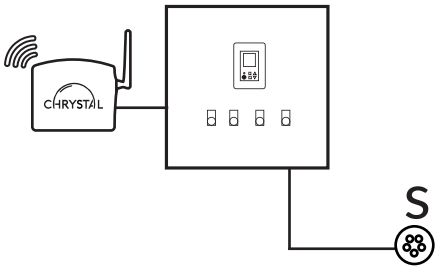
The Chrystal preheating controller is a system designed to control snow melting efficiently using its Smart technology operating method and advanced algorithms. Its user-friendly design and simple installation make it the preferred choice for snow melting systems. It serves as an accessory to enhance existing systems, ensuring that the heated pavement reaches melting temperature before the snow falls to prevent snow accumulation, providing customers with effective snow melting without high operating costs throughout winter. It also can be used as a sensor-less Stand Alone system.

Stand Alone Electric

sensor-less



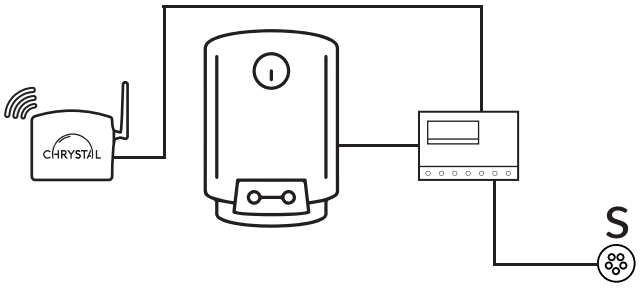
Accessory Electric



Hydonic Snow Melting System *(Significant Operations Cost Reduction)*

The Chrystal preheating controller maximizes Hydronic Snow Melting system efficiency in cold climates, used as an accessory to existing systems, its advanced algorithms and punctual preheating capabilities ensure consistent results without high operating expenses typically associated with continuous idling.

Accessory Hydronic



Sensor Replacement:

The Chrystal controller often replaces faulty sensors by leveraging precise, geo-localized weather data to detect and predict snow events without the need for sensor upkeep, replacements, or excessive power consumption. For a reliable alternative to faulty sensors, consider the Chrystal Preheating Controller.

Operating Methods

Pricing Plans - *Annual Subscribtions*

The CPC401 is a controller powered by a Software as a Service (SaaS) model.

For less than cost of replacing sensors every 3-4 years, customers benefit from the extensive list of expandable features, from over the air automatic updates and from the revolutionary preheating technology.

More imporantly, they benefit from the added value of a reliable, un-interrupted snow melting system that just keeps on giving!

CHOSEN BY 90% OF OUR CUSTOMERS BEST VALUE

***Leisurely* - No Fee**

- Manual force heat with timer
- Remote control through mobile app

***Prompt* - 99$**

- All of the above+
- Location-based detection
- Activates at snowfall
- Turns off when snow stops + after run

***Prescient* - 399$**

- All of the above+
- Preheating feature
- No snow accumulation
- Access to 4 preheating profiles

***Astute* - 699$**

- All of the above+
- Operation optimization
- History & reporting
- 24/7 support

Preheating Profiles

We believe that everyone is unique and so are their projects! That is why when customers select The ***Prescient*** or ***Astute*** subscription they can select one of 4 preheating profiles based on their needs and heated pavement composition.

CONSERVATIVE: For those looking for energy consumption savings & are content with some snow accumulation. This profile is also used for thin paving systems.

MODERATE: For those who expect no snow accumulation for the majority of the winter.

AGGRESSIVE: For those who want no snow accumulation regardless of the outdoor temperature. This profile is also for non insulated pavements, hydronic snow melting systems, low heat output systems and paving materials of 4" Thickness.

OFF **OFF:** When in OFF Mode the system ignores the Chrystal's algorithm and can only be controlled manually by force heating.