

EDGE COMFORT / 季适

# Passive PCM Comfort Module

UltraST inorganic PCM modules for ceiling cavities  
and window-side cabinets.

22-32 C comfort band | T3 30 mm + T5 50 mm | passive thermal buffering

CEILING

WINDOW CABINET

PASSIVE

# 把舒适温度，存进建筑细节

edge comfort / 季适 uses thin UltraST inorganic PCM modules as a passive thermal buffer inside room-side architectural details. The module absorbs heat when the room is above the selected phase point and releases it when the room cools.

Phase band  
**22-32 C**

Formats  
**T3 + T5**

Module  
**300 x 300 mm**

System  
**Passive**

## 中文定位

季适是面向建筑舒适度的被动式控温子品牌。它不是空调设备，而是可以嵌入吊顶、窗边边柜、墙面或设备腔体的相变热缓冲模块。



# Two architectural placements.



## A. Ceiling cassette

Modules sit above suspended ceiling panels where the room has stable convective or radiant exchange with the ceiling surface.



## B. Window-side cabinet

Modules sit behind a ventilated bench or side cabinet near solar-gain zones, buffering heat around facade and seating areas.

### 安装边界

保留检修通道、避免刺穿封装、避免长期浸水；柜体与吊顶需预留空气换热路径。最终布置面积、相变点与模块厚度需结合房间热负荷、使用时段和围护结构评估。

## 22-32 C inorganic UltraST, separated by thickness.

The current PCM cost library contains the following Edge Comfort / 季适 module rows. Odd phase points inside the band are not listed here unless an active inorganic Pure source exists.

Phase point	T3 / 300 x 300 x 30 mm	T5 / 300 x 300 x 50 mm	PCM family
22 C	PCM-INO-ULTRA-077	PCM-INO-ULTRA-346	UltraST inorganic PCM
24 C	PCM-INO-ULTRA-081	PCM-INO-ULTRA-347	UltraST inorganic PCM
26 C	PCM-INO-ULTRA-343	PCM-INO-ULTRA-348	UltraST inorganic PCM
28 C	PCM-INO-ULTRA-083	PCM-INO-ULTRA-349	UltraST inorganic PCM
30 C	PCM-INO-ULTRA-087	PCM-INO-ULTRA-350	UltraST inorganic PCM
32 C	PCM-INO-ULTRA-091	PCM-INO-ULTRA-351	UltraST inorganic PCM

### Public specification note

Internal process cost and formula details remain in the PCM cost system. Public project documentation should use TDS values, sample confirmation, and room-level engineering assessment.

# From product choice to a pilot room.

1

## Comfort target

Define occupied hours, target band, current overheating/cooling swing, and solar-gain zones.

2

## Placement

Choose ceiling cassettes, ventilated window cabinets, or both. Check space, access, and airflow.

3

## Phase point

Pick the PCM point within 22-32 C from measured room profile and comfort objective.

4

## Pilot

Install a representative area, instrument room temperature, and compare against a control period.

### Inputs / 输入

Room plan, ceiling/cabinet area, indoor temperature profile, occupancy schedule, and HVAC constraints.

### Outputs / 输出

Recommended phase point, T3/T5 layout, pilot-room test plan, and sample/TDS package.

Next step / 下一步

Send room drawings, target temperature band, available ceiling/cabinet area, and current indoor temperature profile.

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