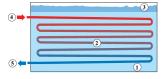


## Principle of operation

## Ice thermal storage

## Principle of operation

TSU-M is an internal melt system that produces and builds **ice**(1) around a **coil** (2) submerged in **water** (3), most of which freezes within the tank. The **warm glycol** (4) from the load circulates through the coil and melts the ice from the inside. The newly **cooled glycol** (5) is then pumped through the building cooling system or used to cool a secondary refrigerant that does the same. Internal melt is ideal for air-conditioning involving cooling at higher temperatures than external melt.



Want to use the TSU-M ice storage system? Contact your local <u>BAC</u> representative for more information.