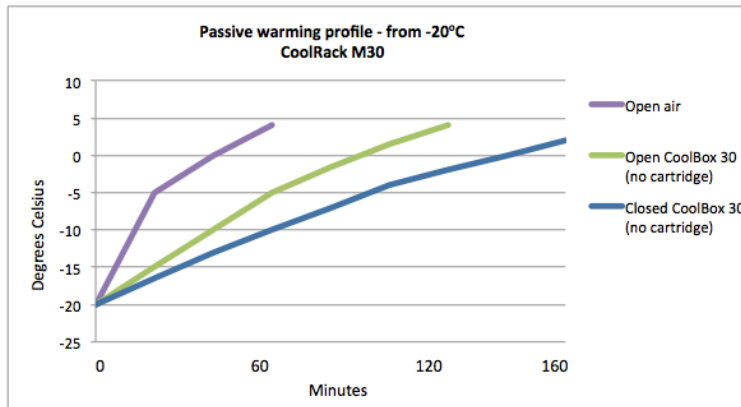


CoolRack®

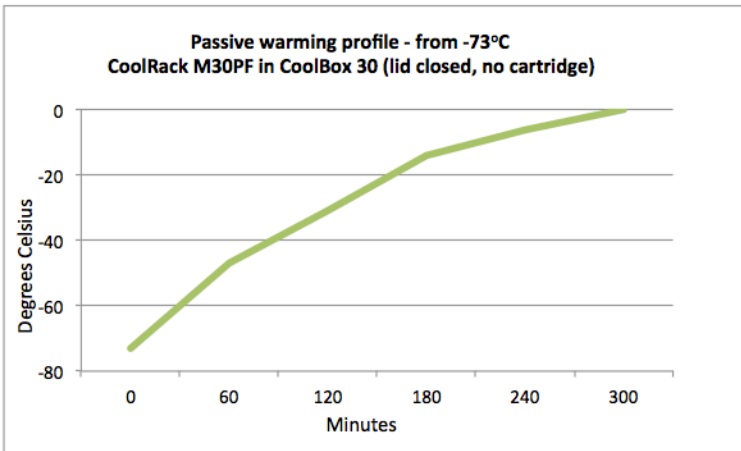
Passive Warming & Cooling Profiles

The following graphs show how CoolRack modules will passively rise or fall in temperature once removed from the cooling or heating source



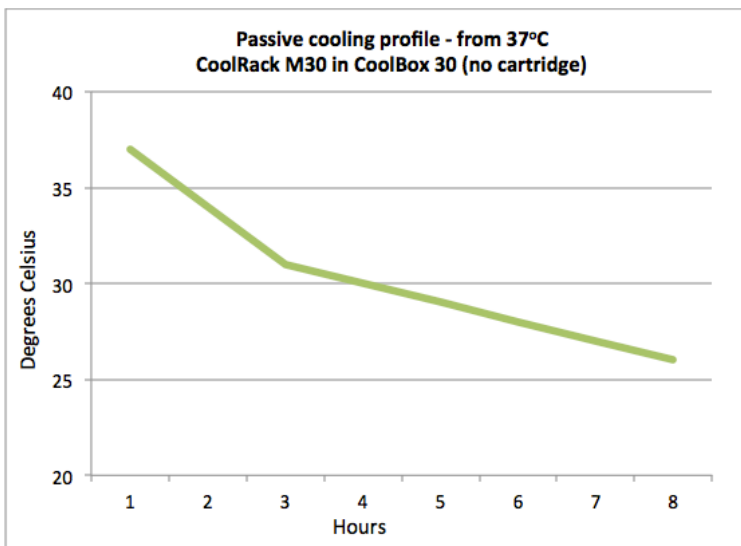
Warming profile from -20°C

CoolRack M30 (#BCS-108) removed from a -20°C freezer and placed in (1) open air, (2) open CoolBox 30 (#BCS-130) without cooling cartridge, (3) closed CoolBox 30 (#BCS-130) without cooling cartridge



Warming profile from -73°C

CoolRack M30PF (#BCS-128) removed from a -73°C freezer and placed in a CoolBox 30 (#BCS-130) without a cooling cartridge and with the lid closed



Cooling profile from 37°C

CoolRack M30 (#BCS-108) removed from a 37°C waterbath and placed in a CoolBox 30 (#BCS-130) without a cooling cartridge and with the lid closed