

SmartCube Thermoelectric Drawer (automated)

The amenity that pays for itself, SmartCube the world's most technologically advanced thermoelectric minibar. It is a completely modular system using virtually silent thermoelectric cooling technology, and offering increasing levels of automation. SmartCube is available as an insertable that can be integrated into any existing hotel furniture or room design. The simplicity of the SmartCube S4 software makes it the most powerful and robust minibar management tool in the industry.

Standard Features

- Environmentally sustainable energy efficient thermoelectric cooling system
- Console Box (control module) can be serviced easily and located remotely
- Shelves use infrared sensors (no moving or mechanical parts)
- Plug-and-play cold cube shelving and door racks (no cables)
- NEW robust electronic lock with mechanical override feature
- Removable product dividers for easy cleaning
- Cyclopentane thermal foaming insulation (reduces ozone depletion)
- Solid metal drawer, not plastic
- Lower drawer is self closing
- Magnetically sealed doors
- Internal LED lighting
- Automatic defrost
- Self-diagnostic reporting software
- Customized front panel to integrate with design†
- ADA compliant

Technical Specifications

SmartCube Thermoelectric Drawer	
Part Number	SDC40T
Cooling Type	Peltier Thermoelectric Superconductor 5 Heat Pipe
Capacity (liters / cubic feet)	40 / 1.41
Dimensions HxWxD (inches) HxWxD (mm)	17.52 x 21.65 x 19.56(without handle)* 445 x 550 x 497(without handle)*
Door Option	Drawer
Watts (W)	42-52W
Amps	0.35-0.75
Voltage (V)	110V / 60Hz or 220V / 50Hz
Energy Consumption (kWh/24h)**	0.32 kWh/24h**
Net Weight (kgs)	52.9lbs / 24kgs
Noise Level (dB)	40 dB
Certification	CSA/CE/FCC/ETL/WEEE/RoHS ISO 9001 and ISO 14001 certified

*Depth with handle is 20.47 inches (520 mm). Handle adds 0.9 inches (23mm) to depth

**Average energy consumption per 24 hours, at 25°C (77°F) ambient temperature and 4°C (39.2°F) cooling temperature, in compliance with EN ISO 7371

† Recommended weight of drawer panel is no more than 9 lbs. (4.08Kg).

Recommended thickness, ¾ inches (18-20mm)

Specifications may change without notice due to continuous product development.



Door Options



Top Drawer



Self Closing Drawer Sliders



Upper & Lower Drawer Layout