



MICRO STAINLESS STEEL ICE BANKS

AGM-005 AGM-007

These ICE BANK are single block preassembled units. The stainless steel construction make them suitable even for installations inside the working room.

Description:

The ice tank is made of a robust stainless steel structure, which contains:

- at the bottom there is the cooling system, complete with all the components and control devices, cold water pump and the electric panel.
- at the top there is the storage tank equipped with a blower.

Composition:

- Ice tank in stainless steel AISI 304
- Injected insulation with Polyurethane foam.
- Stainless steel AISI 304 external panels.
- Base in painted steel.
- Blower 0.25 kW
- Evaporator in AISI 304 stainless steel tube.
- Hermetic compressor condensing unit with R404a gas.
- Refrigeration group complete with accessories and controls.
- Chilled water circulation pump
- Electric panel complete with controls and protections.
- Electronic thermostat for the control of the temperature of water.



Advantages:

In comparison to systems without storage (e.g. Chillers) the relevant advantages are the following:

- Minimum capital cost because of the reduction of plant power
- Minimum running cost because of the possibility to avoid top consumption's and relevant penalties.
- Maximum safety since icing does not cause any breakage and damage like in the shell and tube chillers.
- Maximum dependability because of the possibility to use stored ice until the service arrival.

Technical Characteristics:

Power supply: 230V/1/50Hz

Model	Storage capacity (kcal)	Storage time (ore)	Supported storage (kcal/h)	Power (KW)	Width (mm)	Depth (mm)	Heght (mm)	Weight (kg)
AGM-005	4.700	5-6	800	0,75	610	610	1.600	130
AGM-007	6.600	5-6	1.450	1,00	760	760	1.600	170