



ICE BANKS

AG-45.01 AG-60.02 AG-90.04 AG-130.05 AG-180.06 AG-220.07 AG-310.08

The ICE BANKS are whole and preassembled units consisting of:

- TANK with thermostatic expansion valve for R404a feeding of evaporators.
- AIR CONDENSING UNIT with R404a including control panel and connections.

Construction:

- INNER TANK: galvanised iron-sheet.
- INSULATION: high density polystyrene with vapour barrier.
- OUTER SHELL: painted galvanised iron-sheet.
- BOTTOM: galvanised iron-sheet.
- UPPER FRAME AND HOOKS: stainless steel.
- AGITATION: Air blower.
- EVAPORATORS: galvanised carbon-steel mode banks.
- FEEDING: evaporators equipped with distributors for liquid injection regulation.
- ICE CONTROL: for the condensing unit drive.

Advantages:

In comparison with the systems planned to work without any stored refrigeration, less is the time of use more is the advantage. The relevant advantages are the following:

- Minimum capital cost because of the reduction of plant capacity
- Minimum running cost because of the possibility to avoid the 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 of using the ice until the service arrival.

Technical Characteristics:

Power Supply: 400V 3 phases – 50 Hz



Model	Storage capacity (kcal)	Storage time (hours)	Supported storage (kcal/h)	Tank capacity (litres)	Power (kW)	Length (mm)	Tank Height (mm)	Total Height (mm)	Weight (kg)	(*)
AG-45.01	39.000	11	3.500	2.150	4	880	1.785	2.235	640	C
AG-60.02	51.600	12	4.300	2.150	5	880	1.785	2.235	680	C
AG-90.04	77.400	11	7.000	2.150	7	880	1.785	2.235	750	C
AG-130.05	112.000	13	8.600	3.800	9	1.060	2.345	2.535	1.130	C
AG-180.06	155.000	14	11.000	3.800	10	1.060	2.345	2.535	1.220	R
AG-220.07	190.000	13	14.600	5.550	12	1.500	2.345	2.535	1.500	R
AG-310.08	266.000	14	19.000	7.350	16	1.940	2.345	2.590	1.850	R

Tank width = 2.300 mm

- (*) C = With air condensing unit and refrigerating unit compact to the tank (on the width side)
R = With remote air condensing unit, refrigerating unit compact to the tank

The Company reserves the right to modify the technical data and characteristics at any time without notice