

09.01 – Ice banks units

Ice bank units work by freezing a large volume of water during off-peak hours when electricity rates are lower. The ice is then used during peak hours to cool air or water circulating through the needed area.

The advantage of using ice bank units is that they can reduce a dairy's peak electricity demand by shifting some of the cooling load from height to off-peak hours. This will lower energy costs and reduce strain on the electrical grid during high demand.

Qty.	ID	Description	Price - €	Total - €
	AGM-005	ICE BANK MICRO Internal and external in stainless steel. Store capacity: 4.700 Kcal (icing time: 5-6 hours) Supported storage: 800 kcal/h Electric power: 230V/1/50Hz - 0,75 KW Dimensions: 610 x 610 x h 1.600 mm Weight: 130 kg Complete of air condenser and refrigerator unit under the tank. Circulation pump included		
	AGM-007	ICE BANK MICRO Internal and external in stainless steel. Store capacity: 6.600 Kcal (icing time: 5-6 hours) Supported storage: 1.100 kcal/h Electric power: 230V/1/50Hz - 1 KW Dimensions: 760 x 760 x h 1.600 mm Weight: 170 kg Complete of air condenser and refrigerator unit under the tank. Circulation pump included		
	AGM-30	ICE BANK MINI Internal and external in stainless steel. Store capacity: 25800 kcal (storage in 11 hours) Supported storage: 2448 kcal/h Electric power: 400V/3/50Hz - 1,5 KW Dimensions: 1200 x 1100 x h 1800 mm Weight: 500 kg Complete of air condenser and refrigerator unit under the tank. External pump excluded (version AGM-31 with storage in 7 hours: price + 10%)		

- AGM-60** ICE BANK MINI
Internal and external in stainless steel.
Store capacity: 51600 Kcal (icing time: 14 hours) Supported
storage: 3824 Kcal/h - 3 KW
Electric power: 400V/3/50Hz Dimensions: 1370 x 1370 x h 2000
mm
Weight: 600 kg
Complete of air condenser and refrigerator unit under the tank.
External pump excluded
(version AGM-61 with storage in 8 hours: price + 5%)
- AG-45.02** ICE BANK
Store capacity: 39.000 Kcal (icing time: 10 hours) Supported
storage: 3.500 Kcal/h
Electric power: 4 KW - 380 V - 3 phases - 50 Hz
Dimensions: 880 x 2.300 x h 2.235 mm
Weight: 640 kg
Tank Volume: 2.150 lt.
Complete air condenser and refrigerator unit compact to the
tank. External pump excluded
- AG-60.02** ICE BANK
Store capacity: 51.600 Kcal (icing time: 12 hours) Supported
storage: 4.300 Kcal/h
Electric power: 5 KW - 380 V - 3 phases - 50 Hz
Dimensions: 880 x 2.300 x h 2.235 mm
Weight: 680 kg
Tank Volume: 2.150 lt.

Complete air condenser and refrigerator unit compact to the
tank. External pump excluded
- AG-90.04** ICE BANK
Store capacity: 77.400 Kcal (icing time: 11 hours) Supported
storage: 7.000 Kcal/h
Electric power: 7 KW - 380 V - 3 phases - 50 Hz
Dimensions: 880 x 2.300 x h 2.235 mm
Weight: 750 kg
Tank Volume: 2.150 lt.
Complete air condenser and refrigerator unit compact to the
tank. External pump excluded
- AG-130.05** ICE BANK
Store capacity: 112.000 Kcal (icing time: 13 hours) Supported
storage: 8.600 Kcal/h
Electric power: 7 KW - 380 V - 3 phases - 50 Hz
Dimensions: 1.060 x 2.300 x h 2.535 mm
Weight: 1.130 kgs Tank Volume: 3.800 Lt.
Complete of remote air condenser and refrigerator unit compact
to the tank. External pump excluded

AG-180.06 ICE BANK

Store capacity: 155.000 Kcal (icing time: 14 hours) Supported
storage: 11.000 Kcal/h
Electric power: 8 KW - 380 V - 3 phases - 50 Hz
Dimensions: 1.060 x 2.300 x h 2.535 mm
Weight: 1.220 kgs Tank Volume: 3.800 Lt.
Complete of air remote condenser and refrigerator unit compact
to the tank. External pump excluded

AG-220.07 ICE BANK

Store capacity: 190.000 Kcal (icing time: 13 hours) Supported
storage: 14.600 Kcal/h
Electric power: 9 KW - 380 V - 3 phases - 50 Hz
Dimensions: 1.500 x 2.300 x h 2.535 mm
Weight: 1.500 kgs Tank Volume: 5.550 Lt.
Complete remote air condenser and refrigerator unit. Price of
gas excluded.
External pump excluded.

AG-310.08 ICE BANK

Store capacity: 266.000 Kcal (icing time: 12 hours) Supported
storage: 19.000 Kcal/h
Electric power: 10 KW - 380 V - 3 phases - 50 Hz
Dimensions: 1.940 x 2.300 x h 2.590 mm
Weight: 1.850 kg

Tank Volume: 7.350 Lt.
Complete remote air condenser and refrigerator unit. Price of
gas excluded.
External pump excluded