Cool Support BV

BRIEF INTRODUCTION OF BLOCK ICE MACHINE

As conventional way to produce block ice is mainly from brine system, first you have to freeze the brine water, then put the ice can into the brine tank, then take out the ice can for harvesting block ice after 20 hours or more. This system is complicate and you have to do a lot of civil work too. Special food grade aluminum plate is used as ice can in Our new system, the refrigerant will be evaporated inside the aluminum plate so the plate can freeze ice making water VERY QUICKLY. This is the compact system and it is plug-ready and built for tropical conditions and coastal climate.

A:MAIN SPECIFICATIONS FOR LW-1000 COMPACT BLOCK ICE PLANT

Cooling Consumption	Electric power	Electric type	Refrigerant
5.5KW	4.5KW	380V/3ph/50hz	R22(or R404A)

B: Equipments list

Product Name/unit	Specificatrion	Quantity	Model	Remark
Compressor	6HP	1	COPELAND	
Electric control device	Star triangle decompression start-up	1		
Air cooled condenser	25 M2	2		
Expansion valve		1	Danfoss	
Aluminum freezing ice Can	1 set	20 blocks		
Sizes of each ice block	115mm x 95mm x 480mm	4.5kg		other sizes of block ice can be considered

C: proposed easily damaged spare parts

Electrical control systems	passel	1		
Air motor		2		
Solenoid Valve		1		
Electric fuse		2		
timer		2		

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Labor Distribution (Sigle shift)

One person is enough to operate this ice machine, then fill water inside the aluminum ice can, after freezing 2 hours, then havest and move the ice blocks to ice storage for storing.

Plant Condition

No.	Item	Detail Specification
1	Ground	4 square meter is enough
2	Electric power	capacity: 380v, 50hz, 3 phase
3	Water source	45L / hour ice making water supply

SALES CONDITIONS:

Delivery time: 60 days agianst the order

The guarantee period is 12 months from the date of putting the equipment into operation, but not more than 15 months from the date of delivery.

SPECIAL ALUMINUM ICE CAN WITH HIGH EFFICIENCY

COMPACT BLOCK ICE MACHINE WITH 20 blocks every 2hours of 4.5kg each block