

SPECIFICATIONS FOR CONTAINERIZED FLAKE ICE PLANT

Part A. CONTAINERIZED FLAKE ICE UNIT

1. Technical parameters for the Unit



Ice production capacity	50	Ton/Day
Operating time	24	hr
Water inlet temperature*	< 35	°C
Ice outlet temperature	-8	°C
Refrigeration capacity	316	kW
Installation power	168	kW
Ice thickness	1.5 - 2.2	mm
Ambient temperature	< 43	°C
Refrigerant	R22	
Power supply	3Ph/380V/50Hz	

2. Configurations and Technical Parameters

 													
1. 40ft Container	 <p>According to ISO, a new, painted white, reinforced container with equipments inside, including all necessary refrigeration accessories for the complete ice making system, air condition, etc., there is a cap on top of the container.</p>												
2. Flake Ice evaporator (2 sets)	 <table border="1"> <tr> <td>Type</td> <td>LT-25000 × 2sets</td> </tr> <tr> <td>Ice production capacity</td> <td>25,000 kg/24hr</td> </tr> <tr> <td>Water inlet temperature*</td> <td><35°C</td> </tr> <tr> <td>Ice outlet temperature</td> <td>-8 °C</td> </tr> <tr> <td>Ice thickness</td> <td>1.5~2.2 mm</td> </tr> <tr> <td>Cooling necessary</td> <td>158 kW (-25°C/+40°C)</td> </tr> </table>	Type	LT-25000 × 2sets	Ice production capacity	25,000 kg/24hr	Water inlet temperature*	<35°C	Ice outlet temperature	-8 °C	Ice thickness	1.5~2.2 mm	Cooling necessary	158 kW (-25°C/+40°C)
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Cool Support BV

<p>3. Compressor</p>		<p>Screw Type Compressor Hanbell RC2-370B × 2pcs</p>
<p>4. Electrical control</p>		<p>Brand name for main electric components including contactors and thermal relay is Schneider Telemecanique, Sensors for ice full, high and low pressure, oil pressure are included.</p>

